



AGENDA

REGULAR MEETING OF THE BOARD OF DIRECTORS LA PUENTE VALLEY COUNTY WATER DISTRICT 112 N. FIRST STREET, LA PUENTE, CALIFORNIA MONDAY, JULY 24, 2017 AT 5:30 PM

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL OF BOARD OF DIRECTORS

President Hastings____ Vice President Rojas____ Director Aguirre____

Director Escalera____ Director Hernandez____

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 July 10, 2017.
- B. Approval for Staff to Attend the CUEMA 2017 Leadership Summit on September 7-9, 2017 in Monterey, CA.
- C. Approval of Attendance to the U.S Congresswoman Grace F. Napolitano's 2017 Water Forum on Thursday, August 31, 2017 in Baldwin Park, CA.
- D. Approval of Attendance to ACWA Region 8 Program on Thursday, August 24, 2017 in Los Angeles, CA.
- E. Receive and File the Industry Public Utilities 2016-17 Fourth Quarter Report.

7. FINANCIAL REPORTS

- A. Summary of Cash and Investments for June 30, 2017.

Recommendation: Receive and File.

- B. Statement of the District's Revenues and Expenses as of June 30, 2017.

Recommendation: Receive and File.

- C. Statement of the City of Industry Waterworks System's Revenues and Expenses as of June 30, 2017.

Recommendation: Receive and File.

8. ACTION/DISCUSSION ITEMS

Consideration of CEQA Notice of Exemption for New Waterline Installation in Del Valle Avenue.

Recommendation: Approve CEQA Notice of Exemption for New Waterline in Del Valle Avenue and Direct Staff to File Notice with County Clerk.

9. PROJECT ENGINEER REPORT

Recommendation: Receive and File Report.

10. GENERAL MANAGER'S REPORT

11. OTHER ITEMS

- A. Upcoming Events.

- B. Correspondence to the Board of Directors.

12. ATTORNEY'S COMMENTS

13. BOARD MEMBER COMMENTS

- A. Report on Events Attended.

- B. Other Comments.

14. FUTURE AGENDA ITEMS

15. ADJOURNMENT

POSTED: Friday, July 21, 2017.

President David Hastings, 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 Ms. Rosa Ruehlman, 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**

A regular meeting of the Board of Directors of the La Puente Valley County Water District was held on Monday, July 10, 2017, at 5:30 at the District office, 112 N. First St., La Puente, California.

Meeting called to order:

President Hastings called the meeting to order at 5:30 pm.

Pledge of Allegiance

President Hastings led the meeting in the Pledge of Allegiance.

Directors present:

David Hastings, President; William Rojas, Vice President; Charles Aguirre, Director; John Escalera, Director and Henry Hernandez, Director

Staff present:

Greg Galindo, General Manager; Rosa Ruehlman, Board Secretary and Roland Trinh, District Counsel.

Others Present:

No members of the public present.

Adoption of Agenda:

President Hastings asked for the approval of the agenda.

Motion by Director Aguirre, seconded by Director Hernandez, that the agenda be adopted as presented.

Motion approved by the following vote:

Ayes: Hastings, Rojas, Aguirre, Escalera and Hernandez.

Nays: None.

Consent Calendar:

President Hastings asked for the approval of the Consent Calendar.

A. Approval of the Minutes of the Regular Meeting of the Board of Directors held on June 24, 2017.

B. Approval of District Expenses for the Month of June 2017.

C. Approval of City of Industry Waterworks System Expenses for the Month of June 2017.

D. Receive and File the District's Water Sales Report for June 2017.

E. Receive and File the City of Industry Waterworks System's Water Sales Report for June 2017.

F. Receive and File the Report on Director Expense for the Second Quarter of 2017.

Motion by Vice President Rojas, seconded by Director Hernandez, to approve the consent calendar as presented.

Motion approved by the following vote:

Ayes: Hastings, Rojas, Aguirre, Escalera and Hernandez.

Nays: None.

Action/Discussion Items:

- A. Update on Current Legislation. (See attachment)**
- Mr. Galindo shared that the District is a member of the San Gabriel Valley Water Association, Public Water Agency Group (PWAG) and Association of California Water Agencies (ACWA). These organizations provide lobbying efforts on items of interest to the District. He stated that PWAG's attorney, Jim Ciampa with Lagerlof, Senecal, Gosney & Kruse reviews all pending legislation and puts together a thorough summary by subject matter for the PWAG members and provides a legislative analysis. He stated that he slightly modified this summary to present current legislation that may have impact on the District.
 - Mr. Galindo provided an overview of the legislative bills and highlighted a few bills that may have significant impact to the District.

After further discussion, staff will keep the Board updated on the status of the Bills that are being considered this year. Staff will provide a copy of the summary to the Directors via email for their reference.

Discussion only, no action required.

- B. Update on the PVOU Intermediate Zone Project.**
- Mr. Galindo reported that the Ad hoc Committee met to review a revised version of the Operations and Management Agreement for the treatment plant and to discuss terms for the Water Delivery Agreement.
 - Mr. Galindo reported that Northrop has agreed for Suburban Water Systems to receive the water from the PVOU IZ plant. Northrop asked Staff to provide them some terms for the Water Delivery Agreement on how the water would be delivered to Suburban.
 - Mr. Galindo provided an overview of the draft terms of the Water Delivery Agreement.
 - Mr. Galindo reported that the Organization Assessment Ad hoc Committee will be meeting this Wednesday at 4:00 pm and Staff will present a proposed reorganizational structure for staffing.

Discussion only, no action required.

General Manager's Report:

Mr. Galindo presented his report:

- Mr. Galindo provided a memorandum of the activities he and Staff worked on in the month of May and June 2017.

Motion by President Hastings, seconded by Vice President Rojas, to receive and file the General Manager's Report as presented.

Motion approved by the following vote:

Ayes: Hastings, Rojas, Aguirre, Escalera and Hernandez.

Nays: None.

Information Items:

- A. Upcoming Events.**
- Mrs. Ruehlman presented an update on the upcoming events.
 - Mrs. Ruehlman informed the Board that registration is now open for SmartWater Innovations. Vice President Rojas, Director Escalera and President Hastings stated they will attend the SmartWater Innovations on October 4-6th in Las Vegas, NV.
 - President Hastings, Vice President Rojas and Director Escalera stated they will attend the San Gabriel Valley Water Association Quarterly Breakfast on August 9, 2017.
 - Mrs. Ruehlman stated the Form 470 short form have been completed and submitted and has provided the Directors a copy for their files.

- B. Correspondence to the Board of Directors**

- Mrs. Ruehlman shared an upcoming event, the U.S. Congresswoman Grace Napolitano's 2017 Water Forum. She will proceed and reserve four spots for the event. This will be added on the next agenda to approve attendance for this event at the next Board meeting.

Attorney comments:

Mr. Trinh shared with the Board that Mr. Galindo has done an excellent job with the PVOU negotiations.

Board member comments:

- A. Report on events attended.
 - There were no events attended for this period.
- B. Other comments.
 - Director Escalera asked to close this meeting in memory of his Cousin Rachel Escalera aka Sister Angela who passed away on July 4, 2017.

Future agenda items:

No future items.

Adjournment:

There is no further business or comment, the meeting was adjourned 6:28 p.m. in memory of Sister Angela.

David Hastings, President

Rosa B. Ruehlman, Secretary



LEADERSHIP SUMMIT 2017

IN DEEP WATER:

Focusing on the future of water leadership

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A thriving California water industry depends on a highly effective workforce. Find out how you can further develop your teams through mentoring, skill building and professional development, as water executives come together to share their expertise and collaborate toward a shared purpose: creating a legacy of strong water leaders.

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SEPTEMBER 6 - 8, 2017

\$475
Member

\$600
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Public Agency

\$800
Non-Member
Corporate

WHO WE ARE

The California Utility Executive Management Association is the premier non-profit organization for water utility leaders and associates.

We offer a supportive, career-building network that boosts productivity and strengthens leadership among members.

HOTEL INFORMATION **Omni La Costa Resort & Spa**
2100 Costa Del Mar Road | Carlsbad, CA

Call (800) 843-6664 and reserve your room today! To receive the discounted conference rate, please make your reservation prior to August 6, 2017. Don't forget to use the Conference Code: **CUEMA**.

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U.S. CONGRESSWOMAN GRACE F. NAPOLITANO
2017 WATER FORUM

CALIFORNIA'S WATER FUTURE

THURSDAY, AUGUST 31, 2017

9:00 A.M. – 1:30 P.M.

(REGISTRATION BEGINS AT 8:30 A.M.)

Hosted by

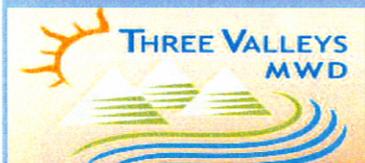


LOCATION

PERFORMING ARTS CENTER OF BALDWIN PARK
4640 MAINE AVE., BALDWIN PARK, CA 91706



In collaboration with



BRINGING TOGETHER LEADERS OF INDUSTRY,
GOVERNMENT, RESEARCH AND ACADEMIA TO DISCUSS THE
FRAMEWORK OF A SUSTAINABLE WATER FUTURE

FREE – REGISTRATION REQUIRED

RSVP AT: 2017WaterForum.Eventbrite.com

QUESTIONS? NEED MORE INFORMATION?

CONTACT BOB PENCE AT (626) 350-0150 OR BOB.PENCE@MAIL.HOUSE.GOV

Thurs. Aug. 31, 2017

Registration
begins at 8:30am

Event: 9am - 1:30pm

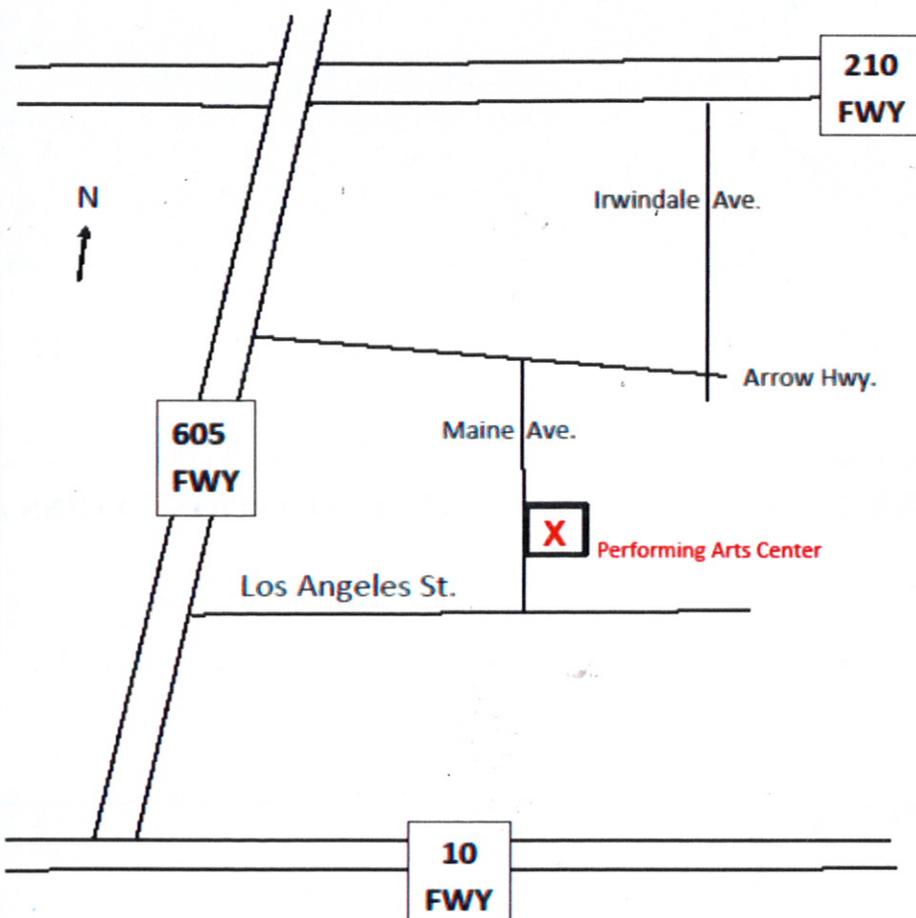
*Continental
Breakfast and
Lunch will be
provided*

No Charge
Registration is
required

RSVP AT:

2017WaterForum.Eventbrite.com

Map not drawn to scale



DIRECTIONS:

From 605 Fwy. – Exit Los Angeles Street – Go East to Maine Ave. and make Left Turn (north). Performing Arts Center will be immediately on your right side.

From 210 Fwy. – Exit Irwindale Ave. – Go south to Arrow Hwy. and make Right Turn (west). Make Left Turn on Maine Ave. (south). Performing Arts Center will be on your left side.



**PERFORMING ARTS CENTER OF
BALDWIN PARK**

**4640 MAINE AVE.
BALDWIN PARK, CA 91706
(FREE PARKING BEHIND THE CENTER)**



ACWA REGION 8 PROGRAM – 2017

WHEN

August 24
10:00 am – 2:00 pm

 [Add to Calendar](#)

LOCATION

Metropolitan Water District of Southern
California, 700 North Alameda Street, Los
Angeles, CA 90012

 [Get Directions](#)

COST

\$50.00

Member Pre-Registration Fee

\$75.00

Non-Member Pre-Registration Fee

DEADLINE

August 17, 2017

Water Reliability: The Continued Value of Local Projects

ACWA Region 8 invites you to a one-day program that will highlight the importance of local project investments. The program will also discuss the Delta and aging infrastructure.

Agenda Coming Soon

Memo



To: Alex Gonzalez, Director of Development Services and Administration
Cc: La Puente Valley County Water District Board of Directors
From: Greg B. Galindo, General Manager
Date: July 20, 2017
Re: Industry Public Utilities Water Operations Quarterly Report (April 2017 – June 2017)

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 4th Quarter of the 2016-17 fiscal year. The report represents fiscal year-to-date information along with the current status of various items listed under the appropriate heading.

Administrative/Financial

- Extension of the BPOU Agreement - Negotiations are now complete and the 2017 BPOU Agreement extends the groundwater treatment cost reimbursement through May 2027. District staff is working with the Cooperating Respondents to update their agreement with the City related to the operation and treatment of the City’s Well No. 5.
- Summer 2017 Newsletter - The Summer 2017 Newsletters for Industry Public Utilities were mailed at the end of June and are posted on the District’s Website. Spanish Newsletters have been posted on the website and are printed upon request.
- 2016-17 Fiscal Year Budget – A draft report of Revenue and Expenses as of June 30, 2017 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***.

Distribution, Supply and Production

- Summary of Activities – A summary report of CIWS field activities for the 4th quarter of fiscal year 2016-17 is provided as ***Attachment 3***.
- City of Industry Well No. 5 Operations – The latest recorded static level, pumping 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	162’	123.5’	139.5’	-16	1,130

- Production Summary – The production for the 4th quarter of fiscal year 2016-17, to meet the needs of the CIWS, was 340.05 AF. The 2016-17 fiscal year production report and related graph are provided as **Attachment 4**.
- 2017 Water Conservation – A summary of water system usage for calendar year 2017 as compared to calendar year 2013 is shown below. The overall reduction in use for this time period is 16.9%.

Month	2013	2017	Difference 2017-2013 (%)	Accumulative Difference (%)
January	90.55	73.89	-18.4%	-18.4%
February	81.62	68.48	-16.1%	-17.3%
March	99.4	89.05	-10.4%	-14.8%
April	115.82	107.33	-7.3%	-12.6%
May	147.93	109.35	-26.1%	-16.3%
June	152.60	123.37	-19.2%	-16.9%
Totals	687.92	571.47	-116.45	-16.9%

- 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 June 30, 2017, as **Attachment 5**.
- MSGB Groundwater Levels – On July 7, 2017, the Baldwin Park key well level was 178.8 feet asl. Watermaster’s latest report on hydrologic conditions is enclosed as **Attachment 6**.

Water Quality / Compliance

- 2016 Consumer Confidence Report – As required, before July 1st the CCRs were published and posted on the District’s website and a postcard that provides a link to access the report was mailed to all service addresses in the IPU service area.
- Distribution System Monitoring – District Staff has collected all required water quality samples from the distribution system for the 4th quarter of fiscal year 2016-17; approximately 84 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 by the SGVWC’s B-5 Treatment Plant Permit.
- Lead Sampling for Schools – In January 2017, the CIWS received a permit amendment from DDW that requires sampling for lead at K-12 schools within the service area, upon request from a school administrator. There are three schools within the CIWS service area. District Staff will ensure that all requirements of this permit amendment are complied with.
- DDW 2016 Annual Report – The CIWS Annual Report to the Drinking Water Program was completed and approved by DDW staff on May 18, 2017.

Capital / Special Projects

- Update to the Water Master Plan – District staff completed the 2017 CIWS Master Plan. The plan was adopted by the IPUC on June 22, 2017.
- Industry Hills Meter Installations – District staff completed 40 meter installations at potable water use sites in the Industry Hills area of the CIWS. There are two meters remaining to be installed, one of them for the Pacific Palms Hotel. Staff is working with the hotel operator to schedule this meter installation to minimize any business interruption.

Personnel

- As of June 30, 2017, the District has 8 full time field employees, 5 full time office/administrative employees and 2 part-time office employees. A summary of the current hourly rates for each District employee has been provided as ***Attachment 7***.
- Weekly tailgate safety meetings continue to be conducted for all field employees.

Attachments

1. Statement of Revenue and Expenses for the 4th Quarter of 2016-17
2. Fund Disbursement List for 4th Quarter of 2016-17
3. Summary of Field Activities for 4th Quarter of 2016-17
4. Production Summary for 4th Quarter of 2016-17
5. CIWS – LPVCWD Water Exchange and Delivery Summary for 4th Quarter of 2016-17
6. Main San Gabriel Basin Hydrologic Report for July 2017
7. Summary of Hourly Rates for District Staff for the 4th Quarter of 2016-17

Attachment 1

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses Summary
For the Period Ending June 30, 2017
(Unaudited)

DESCRIPTION	JUNE 2017	FISCAL YTD 2016-2017	BUDGET FY 2016-2017	100% OF BUDGET	FY END 2015-2016
Total Operational Revenues	\$ 125,661	\$ 1,892,470	\$ 1,887,200	100.28%	\$ 1,863,369
Total Non-Operational Revenues	-	52,876	30,000	176.25%	65,772
TOTAL REVENUES	125,661	1,945,346	1,917,200	101.47%	1,929,141
Total Salaries & Benefits	38,850	614,212	622,700	98.64%	580,138
Total Supply & Treatment	505,129	729,153	732,500	99.54%	706,150
Total Other Operating Expenses	27,048	165,757	164,700	100.64%	169,752
Total General & Administrative	52,149	241,513	284,800	84.80%	274,256
Total Other & System Improvements	40,916	132,828	213,000	62.36%	162,682
TOTAL EXPENSES	664,092	1,883,463	2,017,700	93.35%	1,892,978
OPERATING INCOME	(538,431)	61,883	(100,500)	-61.58%	36,163
NET INCOME (LOSS)	\$ (538,431)	\$ 61,883	\$ (100,500)	-61.58%	\$ 36,163

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses
For the Period Ending June 30, 2017
(Unaudited)

DESCRIPTION	JUNE 2017	FISCAL YTD 2016-2017	BUDGET FY 2016-2017	100% OF BUDGET	FY END 2015-2016
Operational Revenues					
Water Sales	\$ 76,908	\$ 1,183,036	\$ 1,180,000	100.26%	\$ 1,157,019
Service Charges	44,106	597,431	599,000	99.74%	598,233
Customer Charges	1,810	20,115	20,100	100.07%	20,361
Fire Service	2,837	91,888	88,100	104.30%	87,756
Miscellaneous Income	-	-	-	N/A	-
Total Operational Revenues	125,661	1,892,470	1,887,200	100.28%	1,863,369
Non-Operational Revenues					
Contamination Reimbursement	-	37,510	30,000	125.03%	35,789
Developer Fees	-	14,568	-	N/A	19,102
Miscellaneous Income	-	798	-	N/A	10,881
Total Non-Operational Revenues	-	52,876	30,000	176.25%	65,772
TOTAL REVENUES	125,661	1,945,346	1,917,200	101.47%	1,929,141
Salaries & Benefits					
Administrative Salaries	14,118	165,274	175,400	94.23%	168,089
Field Salaries	9,509	225,518	229,900	98.09%	205,882
Employee Benefits	8,599	139,630	137,500	101.55%	124,639
Pension Plan	3,449	49,805	46,700	106.65%	46,051
Payroll Taxes	1,690	27,928	26,600	104.99%	29,122
Workman's Compensation	1,484	6,058	6,600	91.79%	6,355
Total Salaries & Benefits	38,850	614,212	622,700	98.64%	580,138
Supply & Treatment					
Purchased Water - Leased	496,961	496,961	352,700	140.90%	496,961
Purchased Water - Other	1,344	13,425	14,400	93.23%	14,611
Power	924	118,825	126,700	93.78%	109,709
Assessments	-	91,666	75,100	122.06%	67,007
Treatment	5,900	5,900	6,600	89.39%	5,722
Well & Pump Maintenance	-	2,376	157,000	1.51%	12,140
Total Supply & Treatment	505,129	729,153	732,500	99.54%	706,150
Other Operating Expenses					
General Plant	363	5,278	10,300	51.24%	17,930
Transmission & Distribution	5,549	67,558	75,400	89.60%	53,479
Vehicles & Equipment	17,426	31,515	18,800	167.63%	34,708
Field Support & Other Expenses	952	26,761	23,400	114.36%	19,793
Regulatory Compliance	2,759	34,645	36,800	94.14%	43,842
Total Other Operating Expenses	27,048	165,757	164,700	100.64%	169,752

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending June 30, 2017

(Unaudited)

DESCRIPTION	JUNE 2017	FISCAL YTD 2016-2017	BUDGET FY 2016-2017	100% OF BUDGET	FY END 2015-2016
General & Administrative					
Management Fee	45,518	180,285	182,500	98.79%	176,750
Office Expenses	2,369	20,759	20,500	101.26%	20,015
Insurance	-	12,004	25,300	47.45%	23,288
Professional Services	85	4,739	15,000	31.59%	14,480
Customer Accounts	1,320	15,748	15,000	104.99%	15,207
Public Outreach & Conservation	2,514	4,688	24,500	19.13%	22,260
Other Administrative Expenses	344	3,291	2,000	164.54%	2,257
Total General & Administrative	52,149	241,513	284,800	84.80%	274,256
Other Expenses & System Improvements (Water Operations Fund)					
Transfer to Capital or Expense	-	-	-	N/A	-
Developer Capital Contributions	-	-	-	N/A	(178,514)
Developer Project -	-	-	-	N/A	8,605
Developer Project -	-	-	-	N/A	90,112
Developer Project -	-	-	-	N/A	3,795
Developer Project -	-	-	-	N/A	72,003
Developer Project -	-	-	-	N/A	5,996
Developer Project -	-	-	-	N/A	6,607
Net Developer Project Activity	-	-	-	-	8,605
Master Plan Update / Hydraulic Model	-	11,359	9,000	126.22%	29,092
Other System Improvements (Materials)	-	223	-	N/A	78,428
FH Laterals	-	83	9,000	0.92%	8,359
Service Line Replacements	35,888	71,893	25,000	287.57%	36,953
Valve Replacements	193	660	30,000	2.20%	1,245
Plant Electrical System Improvements	-	-	20,000	0.00%	-
Meter Installations - Industry Hills	3,975	24,818	67,000	0.00%	-
Meter Read Collection System	860	23,792	35,000	0.00%	-
SCADA System Assessment & Upgrades	-	-	18,000	0.00%	-
Total Other & System Improvements	40,916	132,828	213,000	62.36%	162,682
TOTAL EXPENSES	664,092	1,883,463	2,017,700	93.35%	1,892,978
OPERATING INCOME	(538,431)	61,883	(100,500)	N/A	36,163

Attachment 2

Industry Public Utilities April 2017 Disbursements

Check #	Payee	Amount	Description
2525	ACWA/JPIA	\$ 4,037.96	Difference in Condition Coverage
2526	ACWA/JPIA	\$ 1,461.64	Workman's Comp Insurance
2527	Bill Wright's Paint	\$ 184.44	Field Supplies
2528	Collicutt Energy Services Inc	\$ 812.77	Generator Maintenance
2529	EcoTech Services Inc	\$ 2,535.00	UHET Program
2530	Ferguson Enterprises Inc #1350	\$ 29.47	Field Supplies
2531	Highroad IT	\$ 268.00	Technical Support
2532	La Puente Valley County Water District	\$ 63,867.70	Labor Costs March 2017
2534	Merritt's Hardware	\$ 315.03	Field Supplies
2535	MJM Communications & Fire	\$ 150.00	Security Monitoring
2536	S & J Supply Co Inc	\$ 528.53	Field Supplies
2537	SoCal Gas	\$ 15.78	Gas Expense
2538	Time Warner Cable	\$ 51.51	Telephone Service
2539	Time Warner Cable	\$ 261.33	Telephone Service
2540	Underground Service Alert	\$ 38.25	Line Notifications
2541	Vulcan Materials Company	\$ 293.64	Field Expense - Asphalt
2542	Weck Laboratories Inc	\$ 645.00	Water Sampling
2543	Merritt's Hardware	\$ 304.31	Field Supplies
2544	Answering Service Care	\$ 78.06	Answering Service
2545	Elite Equipment Inc	\$ 319.65	Field Supplies
2546	Griffith Air Tool	\$ 571.81	Water Pump Maintenance
2547	InfoSend	\$ 731.90	Billing Expense
2548	Platinum Consulting Group	\$ 82.50	Administrative Support
2549	SoCal Gas	\$ 20.95	Gas Expense
2550	Vulcan Materials Company	\$ 842.14	Field Expense - Asphalt
2551	Weck Laboratories Inc	\$ 107.50	Water Sampling
2552	CAT Specialties Inc	\$ 1,378.83	Field Uniforms
2553	Clara Gonzalez	\$ 20.00	Customer Overpayment Refund
2554	Bill Wright's Paint	\$ 171.82	Field Supplies
2555	Cell Business Equipment	\$ 53.77	Office Expense
2556	Civiltec Engineering Inc	\$ 1,950.00	Master Plan Expense
2557	Ferguson Enterprises Inc #1350	\$ 35.77	Field Supplies
2558	Grainger Inc	\$ 103.30	Safety Supplies
2559	Highroad IT	\$ 211.00	Domain & SSL License Renewal
2560	Industry Public Utility Commission	\$ 339.64	Industry Hills Power Expense
2561	Jack Henry & Associates	\$ 52.37	Web E-Check Fee's
2562	La Puente Valley County Water District	\$ 574.75	Web CC & Bank Fee's Reimbursement
2563	Lagerlof, Senecal, Gosney & Kruse	\$ 159.00	Attorney Fee's
2564	S & J Supply Co Inc	\$ 3,021.55	Service Line Replacement
2565	San Gabriel Valley Water Company	\$ 1,330.26	Purchased Water - Salt Lake

Industry Public Utilities April 2017 Disbursements - continued

Check #	Payee	Amount	Description
2566	SC Edison	\$ 7,923.77	Power Expense
2567	SoCal Gas	\$ 14.30	Gas Expense
2568	Staples	\$ 48.20	Office Supplies
2569	State Water Resource Control Board	\$ 9,269.00	Water System Fee's
2570	Verizon Wireless	\$ 354.28	Cell Phone Service
2571	Petty Cash	\$ 69.90	Office/Field Expense
Online	Home Depot	\$ 871.78	Field Supplies
Autodeduct	Wells Fargo Merchant Fee's	\$ 88.47	Merchant Fee's
Autodeduct	First Data Global Leasing	\$ 60.76	Credit Card Machine Lease
Total April 2017 Disbursements		\$ 106,657.39	

Industry Public Utilities May 2017 Disbursements

Check #	Payee	Amount	Description
2572	City of Whittier	\$ 244,926.50	Lease of Water Rights
2573	Ferguson Waterworks	\$ 497.50	Software Maintenance
2574	Highroad IT	\$ 268.00	Technical Support
2575	La Puente Valley County Water District	\$ 55,590.12	Labor Costs April 2017
2576	Merritt's Hardware	\$ 307.05	Field Supplies
2577	S & J Supply Co Inc	\$ 98.42	Field Supplies
2578	Time Warner Cable	\$ 51.60	Telephone Service
2579	Time Warner Cable	\$ 261.62	Telephone Service
2580	U.S. Postal Service	\$ 284.00	PO Box Renewal 05/17 - 05/18
2581	Underground Service Alert	\$ 72.00	Line Notifications
2582	Weck Laboratories Inc	\$ 463.50	Water Sampling
2583	Arthur Serna	\$ 9.22	Customer Overpayment Refund
2584	Answering Service Care	\$ 74.50	Answering Service
2585	CCSInteractive	\$ 13.60	Monthly Website Hosting
2586	Civiltec Engineering Inc	\$ 548.10	General Services & Master Plan Expenses
2587	Ferguson Enterprises Inc	\$ 36.61	Field Supplies
2588	G. M. Sager Construction	\$ 15,883.25	Patch Work - Industry Hills
2589	InfoSend	\$ 696.25	Billing Expense
2590	Jack Henry & Associates	\$ 63.00	Web E-Check Fee's
2591	La Puente Valley County Water District	\$ 593.18	Web CC & Bank Fee's Reimbursement
2592	McCalls Meter Sales & Service	\$ 2,083.73	Meter Replacement - Industry Hills
2593	Peck Road Gravel	\$ 450.00	Asphalt & Concrete Disposal
2594	Platinum Consulting Group	\$ 117.50	Administrative Support
2595	S & J Supply Co Inc	\$ 2,163.82	Meter Installations - Industry Hills
2596	SoCal Gas	\$ 18.06	Gas Expense
2597	Weck Laboratories Inc	\$ 107.50	Water Sampling
2598	Bill Wright's Paint	\$ 277.28	Property Maintenance
2599	Ferguson Waterworks	\$ 9,791.67	Meter Installations - Industry Hills
2600	Grainger Inc	\$ 41.24	Field Supplies
2601	Industry Public Utility Commission	\$ 536.71	Industry Hills Power Expense
2602	McMaster-Carr Supply Co	\$ 68.87	Field Supplies
2603	Resource Building Materials	\$ 117.40	Field Supplies
2604	S & J Supply Co Inc	\$ 159.09	Field Supplies
2605	San Gabriel Valley Water Company	\$ 1,310.51	Purchased Water - Salt Lake
2606	SC Edison	\$ 8,942.54	Power Expense
2607	SoCal Gas	\$ 14.30	Gas Expense
2608	Staples	\$ 44.06	Office Supplies
2609	Verizon Wireless	\$ 504.78	Cell Phone Service

Industry Public Utilities May 2017 Disbursements - continued

Check #	Payee	Amount	Description
2610	Vulcan Materials Company	\$ 279.03	Field Expense - Asphalt
2611	Intellicom Communications Inc	\$ 1,748.44	Telephone System
2612	Time Warner Cable	\$ 51.60	Telephone Service
2613	Petty Cash	\$ 52.98	Office/Field Expense
Online	Home Depot	\$ 92.45	Field Supplies
Autodeduct	Wells Fargo Merchant Fee's	\$ 53.06	Merchant Fee's
Autodeduct	First Data Global Leasing	\$ 60.76	Credit Card Machine Lease
Total May 2017 Disbursements		\$ 349,825.40	

Industry Public Utilities June 2017 Disbursements

Check #	Payee	Amount	Description
2614	Bill Wright's Paint	\$ 337.40	Field Supplies
2615	Cell Business Equipment	\$ 45.38	Office Expense
2616	County of LA Dept of Public Works	\$ 501.00	Permit Fee's
2617	Ferguson Enterprises Inc #1350	\$ 345.44	Industry Hills Meter Installations
2618	Ferguson Waterworks	\$ 24,802.29	Meter Read Collector
2619	Highroad IT	\$ 268.00	Technical Support
2620	La Puente Valley County Water District	\$ 64,598.71	Labor Costs May 2017
2621	Merritt's Hardware	\$ 399.20	Field Supplies
2622	Platinum Consulting Group	\$ 35.00	Administrative Support
2623	Resource Building Materials	\$ 20.58	Field Supplies
2624	Time Warner Cable	\$ 261.62	Telephone Service
2625	Underground Service Alert	\$ 39.75	Line Notifications
2626	Ferguson Enterprises Inc #1350	\$ 24.96	Industry Hills Meter Installations
2627	Ferguson Waterworks	\$ 10,712.64	Industry Hills Meter Installations
2628	Hach Company	\$ 111.29	Field Supplies
2629	Desong Kong	\$ 243.83	Customer Overpayment Refund
2630	Answering Service Care	\$ 138.49	Answering Service
2631	Civiltec Engineering Inc	\$ 227.50	General Services
2632	Corrpro	\$ 1,875.00	Tank Inspection
2633	County of LA Dept of Public Works	\$ 247.48	Permit Fee's
2634	Industry Public Utility Commission	\$ 247.38	Industry Hills Power Expense
2635	InfoSend	\$ 765.30	Billing Expense
2636	Jack Henry & Associates	\$ 37.37	Web E-Check Fee's
2637	La Puente Valley County Water District	\$ 605.84	Web CC & Bank Fee's Reimbursement
2638	San Gabriel Valley Water Company	\$ 1,344.12	Purchased Water - Salt Lake
2639	SoCal Gas	\$ 18.62	Gas Expense
2640	Staples	\$ 219.25	Office Supplies
2641	Vulcan Materials Company	\$ 300.89	Field Expense - Asphalt
2642	Weck Laboratories Inc	\$ 537.50	Water Sampling
2643	Intellicom Communications Inc	\$ 1,748.44	Telephone System
2644	Cell Business Equipment	\$ 51.11	Office Expense
2645	County of LA Dept of Public Works	\$ 1,503.00	Permit Fee's
2646	La Puente Valley County Water District	\$ 45,517.50	2nd Quarter 2017 O&M Fee
2647	Locus Technology	\$ 151.20	Technical Support
2648	SC Edison	\$ 8,376.27	Power Expense
2649	SoCal Gas	\$ 14.79	Gas Expense
2650	Verizon Wireless	\$ 429.34	Cell Phone Service
2651	Weck Laboratories Inc	\$ 107.50	Water Sampling
2652	Western Water Works	\$ 1,281.51	Industry Hills Meter Installations
2653	Petty Cash	\$ 10.76	Office/Field Expense
Online	Home Depot Credit Services	\$ 241.63	Field Supplies
Autodeduct	Wells Fargo Merchant Fee's	\$ 75.33	Merchant Fee's
Autodeduct	First Data Global Leasing	\$ 60.76	Credit Card Machine Lease
Total June 2017 Disbursements		\$ 168,880.97	

Attachment 3

CIWS MONTHLY ACTIVITIES REPORT FY 2016-2017

	July	August	September	October	November	December	January	February	March	April	May	June	2016/2017 FYTD
Water Quality Monitoring													
No. of Samples from Distribution System	55	34	24	29	33	28	30	27	27	27	33	25	372
Distribution Maintenance													
Repair/Replace Service Line	2	7	4	2	2	0	3	4	1	2	3	4	34
Repair/Replace Main Line	0	0	2	0	1	0	1	0	0	1	2	2	9
Replace Curb/Angle Stop	0	3	0	0	1	0	0	1	0	1	1	0	7
New Service Installations	0	0	0	0	0	1	0	0	0	0	0	0	1
Install New Air Release or Blow Off	0	0	0	0	0	0	0	0	0	1	0	0	1
Concrete/Asphalt Patch Repairs - Staff	1	4	1	0	1	1	1	4	1	0	0	0	14
Concrete/Asphalt Patch Repairs - Vendor	7	9	0	0	0	7	0	2	0	7	0	0	32
Reset Meter Box to Grade	0	1	0	0	0	0	1	0	0	1	0	0	3
Replace Slip Can/ Valve Lid	0	0	0	0	0	1	0	0	2	0	1	0	4
Fire Hydrant Repairs/Replaced	0	0	0	2	0	1	0	0	0	0	1	0	4
Valves Exercised	0	0	0	0	0	0	0	0	4	57	16	0	77
Hydrants / Dead Ends Flushed	1	1	0	0	1	0	0	18	0	1	0	1	23
Meter Maintenance													
Replaced Register/Meter/Guts	5	1	5	11	2	4	9	2	10	6	9	9	73
Replace Meter Box/Lid	0	0	1	0	1	2	0	5	2	0	3	0	14
Removed Meter	0	0	0	0	1	0	0	0	0	0	0	0	1
Repaired Meter Leaks	1	0	0	1	0	2	1	0	0	0	0	0	5
Customer Service													
Re-Reads for Billing	0	0	1	0	0	0	0	0	1	1	0	0	3
Read for Open/Close	3	4	8	6	2	0	0	2	7	6	1	7	46
Turn Off/Lock	7	9	8	4	5	7	7	9	14	4	6	5	85
Turn On	20	11	13	4	13	12	13	11	16	10	14	10	147
Door Hangers - Miscellaneous	7	0	5	6	3	5	7	3	5	2	4	1	48
Door Hangers- Delinquents	108	84	150	90	96	92	118	93	141	84	94	121	1271
Door Hangers - Conservation	2	3	2	5	0	0	0	2	0	0	0	0	14
Shut Off - Non-Payment	26	14	22	8	16	16	13	16	24	11	9	20	195
Shut Off - Customer Emergency/Request	5	5	2	5	2	2	1	0	2	1	2	2	29
USA's - Underground Service Alerts Marked	2	7	6	1	6	2	4	2	3	4	5	6	48
Check for Creeping	45	36	28	8	11	9	16	7	13	9	31	20	233
Check for Leak	4	9	5	5	3	4	7	2	4	4	6	8	61
Check for High/Low Pressure	0	1	1	0	1	0	0	0	0	0	2	0	5
Check for Meter Tampering	0	0	0	0	0	0	0	0	0	0	0	0	0
Check for Stopped Meter	14	15	26	13	21	21	36	20	42	18	43	16	285
Misc - Other	1	4	0	1	2	1	0	3	8	4	3	1	28
Water Quality - Odor/Color/Taste	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Flow Test	1	1	0	0	0	1	0	1	0	1	0	1	6
Safety Activities													
Safety Inspection of Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly, Online and Outside Safety Training	0	0	0	2	1	2	2	1	1	1	0	2	12
Weekly Tailgate Safety Mtg	4	5	4	5	4	4	5	4	4	4	5	4	52

Attachment 4

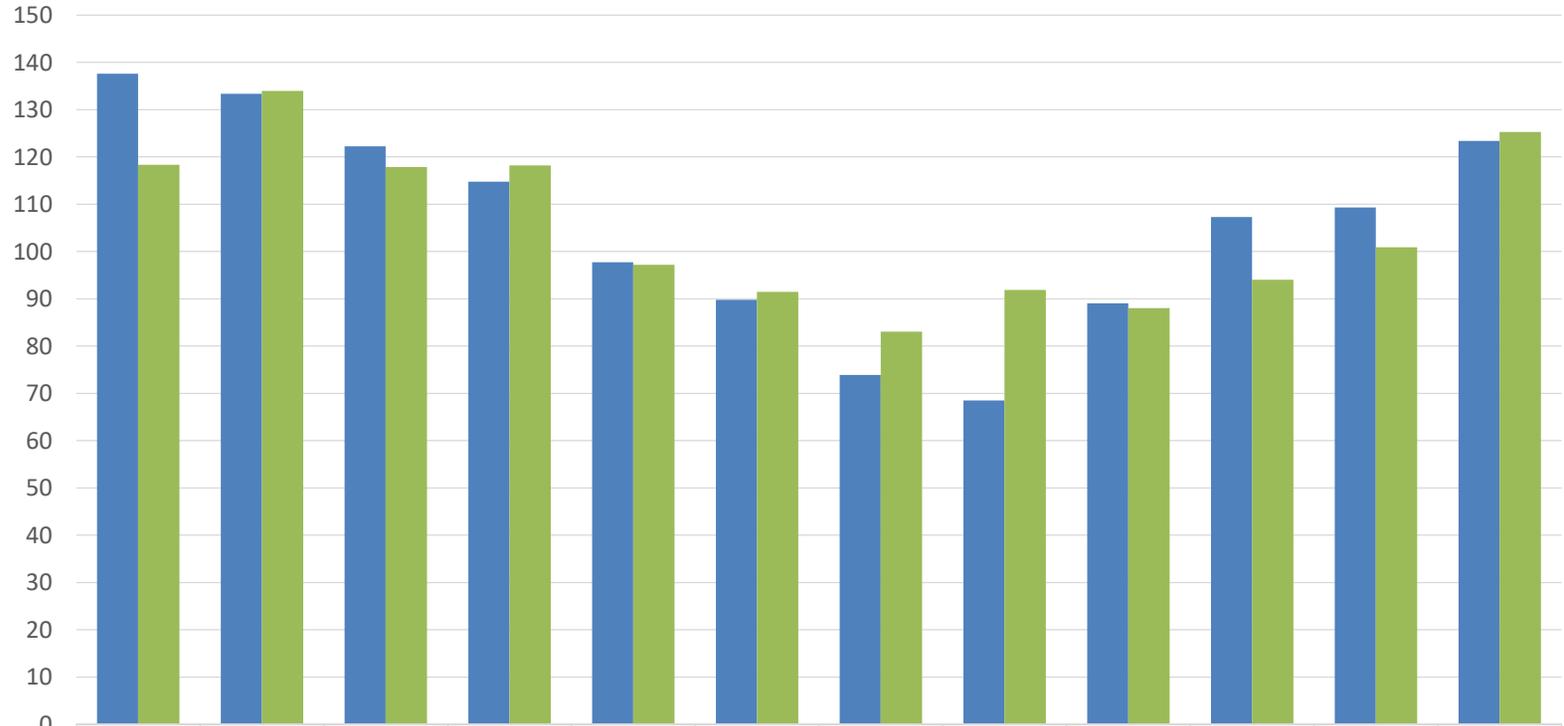
Industry Public Utilities - Water Operations

PRODUCTION REPORT - FISCAL 2016-17

CIWS PRODUCTION	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	2016-17 FISCAL	2015-16 FISCAL
<u>COI Well No. 5 To SGVCW B5</u>	137.53	140.04	140.04	149.21	139.30	141.66	141.77	140.36	148.65	141.95	148.08	143.18	1711.77	1384.33
<u>Interconnections to CIWS</u>														
SGVWC Salt Lake Ave	0.54	0.62	0.70	0.83	0.69	0.73	0.62	0.53	0.69	0.82	0.81	0.75	8.33	8.78
SGVWC Lomas Ave	130.00	132.19	123.21	115.42	100.41	88.99	84.10	66.19	83.11	105.86	106.07	117.29	1252.84	1244.60
SGVWC Workman Mill Rd	0.00	0.00	0.00	0.02	0.14	0.57	0.19	0.15	0.13	0.02	0.06	0.04	1.32	4.52
Interconnections from LPVCWD	9.87	13.63	1.06	0.95	0.01	1.10	1.31	3.73	7.60	1.36	5.90	7.32	53.84	109.72
<u>Subtotal</u>	<u>140.41</u>	<u>146.44</u>	<u>124.97</u>	<u>117.22</u>	<u>101.25</u>	<u>91.39</u>	<u>86.22</u>	<u>70.60</u>	<u>91.53</u>	<u>108.06</u>	<u>112.84</u>	<u>125.40</u>	<u>1316.33</u>	<u>1367.62</u>
Interconnections to LPVCWD	2.81	13.10	2.70	2.44	3.53	1.58	12.33	2.12	2.48	0.73	3.49	2.03	49.34	107.36
<u>Production for CIWS 2016-17</u>	<u>137.60</u>	<u>133.34</u>	<u>122.27</u>	<u>114.78</u>	<u>97.72</u>	<u>89.81</u>	<u>73.89</u>	<u>68.48</u>	<u>89.05</u>	<u>107.33</u>	<u>109.35</u>	<u>123.37</u>	<u>1266.99</u>	<u>1260.26</u>

Industry Public Utilities - Water Operations

Water System Usage (Acre Feet)



	July	August	September	October	November	December	January	February	March	April	May	June
■ Production for CIWS 2016-17	137.60	133.34	122.27	114.78	97.72	89.81	73.89	68.48	89.05	107.33	109.35	123.37
■ Production for CIWS 2015-16	118.36	133.97	117.87	118.22	97.21	91.44	83.08	91.85	88.05	94.00	100.92	125.29

Attachment 5

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

Deliveries from LPVCWD to CIWS

Report for Fourth Quarter 16/17

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 (15-16)					86.25	86.25	0.00						25.67	25.67	0.00	111.92	111.92
16-17 QTR 1	1.64	0.00	0.00	0.00	1.64	87.89	13.18			22.92	0.00		22.92	48.59	10.70	24.56	136.48
16-17 QTR 2	2.05	0.00	0.00	0.00	2.05	89.94	59.65			0.00	0.00		0.00	48.59	17.49	2.05	138.53
16-17 QTR 3	6.32	0.00	0.00	0.00	6.32	96.26	67.01			5.83	0.00		5.83	54.42	19.71	12.15	150.68
16-17 QTR 4	6.62	0.00	0.00	0.00	6.62	102.88	86.25			7.95	0.00		7.95	62.37	25.67	14.57	165.25
Annual Total	16.63	0.00	0.00	0.00	102.88		86.25			36.70	0.00		62.37		25.67	165.25	165.25

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 (15-16)					85.06	85.06	0.00						26.26	26.26	0.00	111.32	111.32
16-17 QTR 1	7.80	0.00		0.00	7.80	92.86	18.62	2.67	1.87	5.70	0.64	0.01	10.89	37.15	8.29	18.69	130.01
16-17 QTR 2	0.00	0.00		0.00	0.00	92.86	31.19	2.08	0.98	4.06	0.43	0.00	7.55	44.70	14.21	7.55	137.56
16-17 QTR 3	6.65	0.00		0.00	6.65	99.51	81.64	5.42	0.73	3.94	0.31	0.01	10.41	55.11	20.65	17.06	154.62
16-17 QTR 4	0.00	0.00		0.00	0.00	99.51	85.06	1.42	0.95	3.93	0.57	0.00	6.87	61.98	26.26	6.87	161.49
Annual Total	14.45	0.00		0.00	99.51		85.06	11.59	4.53	17.63	1.95		61.98		26.26	161.49	161.49

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 (15-16)	111.92	111.32	-0.60	86.25	85.06	-1.19	0.00	0.00	25.67	26.26	0.59	0.00	0.00	0.00
16-17 QTR 1	24.56	18.69	-5.87	1.64	7.80	6.16	0.00	0.00	22.92	10.89	-12.03	0.00	0.00	0.00
16-17 QTR 2	2.05	7.55	5.50	2.05	0.00	-2.05	0.00	0.00	0.00	7.55	7.55	0.00	0.00	0.00
16-17 QTR 3	12.15	17.06	4.91	6.32	6.65	0.33	0.00	0.00	5.83	10.41	4.58	0.00	0.00	0.00
16-17 QTR 4	14.57	6.87	-7.70	6.62	0.00	-6.62			7.95	6.87	-1.08			
Running Total	165.25	161.49	-3.76	102.88	99.51	-3.37			62.37	61.98	-0.39			

Balance Owed by CIWS Overall

3.76

Balance Owed by CIWS in 488

3.37

Balance Owed by CIWS in 775

0.39

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



JULY 5, 2017

**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 May 26, 2017, the Baldwin Park Key Well groundwater elevation was 182.0 feet.
- On June 23, 2017, the Baldwin Park Key Well groundwater elevation was 180.0 feet. The historical low was 172.2 feet on September 30, 2016. A decrease of 0.5 feet from the prior week and a decrease of 2.0 feet from the prior month.
 - ❖ About 6 feet higher than one year ago (represents about 48,000 acre-feet.) Includes about 142,000 acre-feet of untreated imported water in cyclic storage accounts, which represents about 18 feet of groundwater elevation at the Key Well.

✚ *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 June 27, 2017
 - ❖ Average rainfall from July 1st through June 30th of each year is 18.10 inches
 - ❖ Rainfall during July 1, 2016 through June 27, 2017 is 20.81 inches, which is 115 percent of average
 - ❖ Rainfall last year (during July 1, 2015 through June 30, 2016) was 12.11 inches, which was 67 percent of average
- Los Angeles Civic Center as of June 28, 2017
 - ❖ Average rainfall from July 1st through June 30th of each year is 15.14 inches
 - ❖ Rainfall during July 1, 2016 through June 28, 2017 is 19.00 inches, which is 125 percent of average
 - ❖ Rainfall last year (during July 1, 2015 through June 30, 2016) was 9.65 inches, which was 64 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 11,136 acre-feet
 - ❖ San Gabriel Reservoir is located downstream of and receives releases from Cogswell Reservoir, and has a maximum storage capacity of 43,646 acre-feet
 - ❖ Morris Reservoir is located downstream of and receives releases from San Gabriel Reservoir, and has a maximum storage capacity of 28,696 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 83,478 acre-feet
 - ❖ Combined storage as of June 26, 2017 was 42,279 acre-feet (about 51 percent of capacity).
 - ❖ San Gabriel Reservoir inflow was 21 cfs and release was 235 cfs as of June 26, 2017.

 - ❖ Morris Reservoir inflow was 278 cfs and release was 50 cfs as of June 26, 2017. A portion of that release was diverted from the San Gabriel River at the Azusa Duarte intake for use by the Committee of Nine.

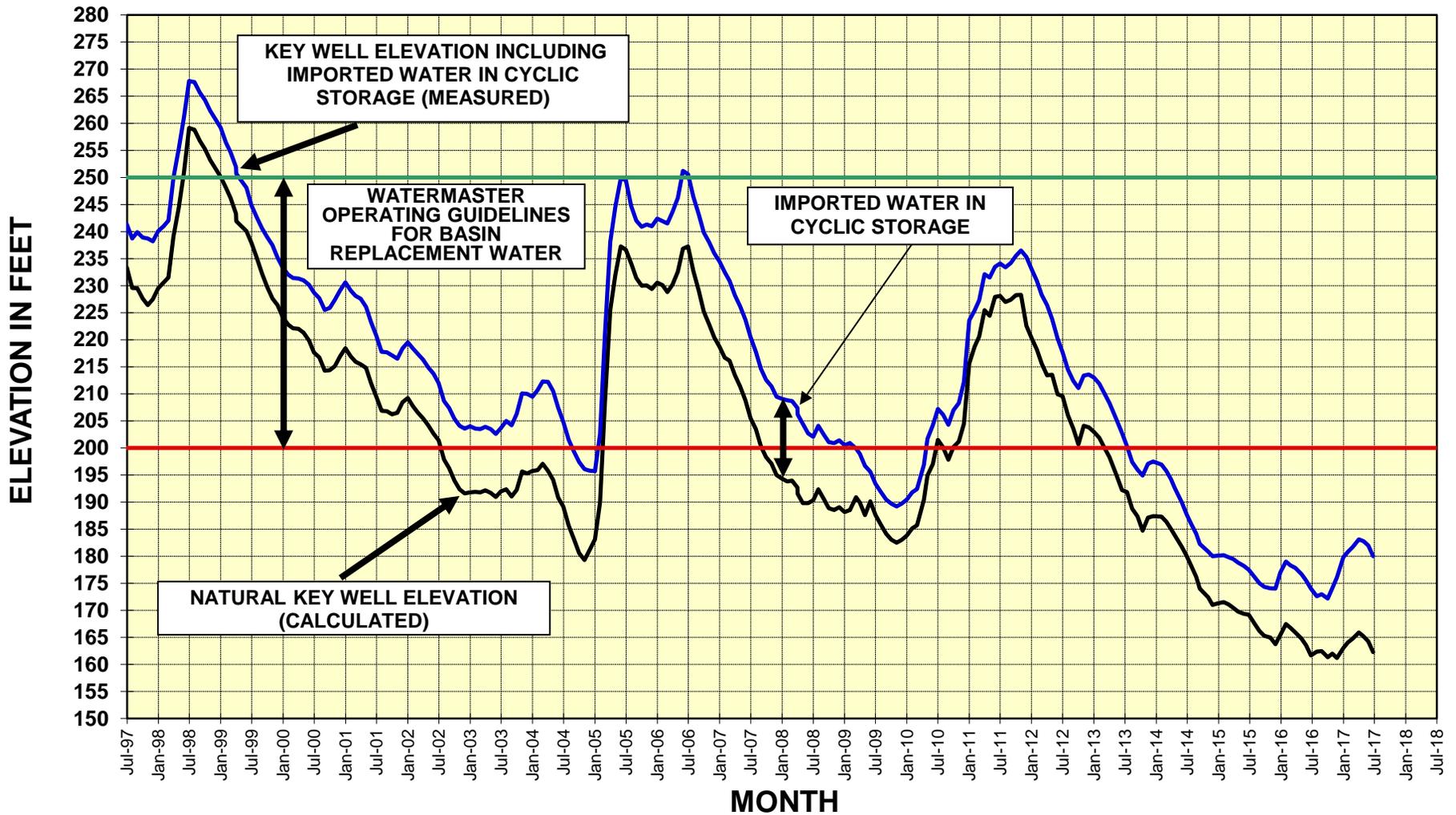
Untreated Imported Water Deliveries

- 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)
 - No deliveries were made during April or May 2017
- Three Valleys District
 - No deliveries were made during April or May 2017
- San Gabriel District
 - ❖ San Gabriel District did not deliver to the San Gabriel Canyon Spreading Grounds during April 2017. San Gabriel District delivered about 556 AF to the San Gabriel Canyon Spreading Grounds during May 2017. San Gabriel District delivered 3,103 AF to the San Gabriel River during April 2017. San Gabriel District delivered about 230 AF to the San Gabriel River during May 2017.

✚ Landfill Report

- Watermaster staff toured the following landfills during the month of June 2017:
 - ❖ Azusa Land Reclamation
 - ❖ Peck Road
 - ❖ Nu Way – Arrow
 - ❖ Manning Pit
- 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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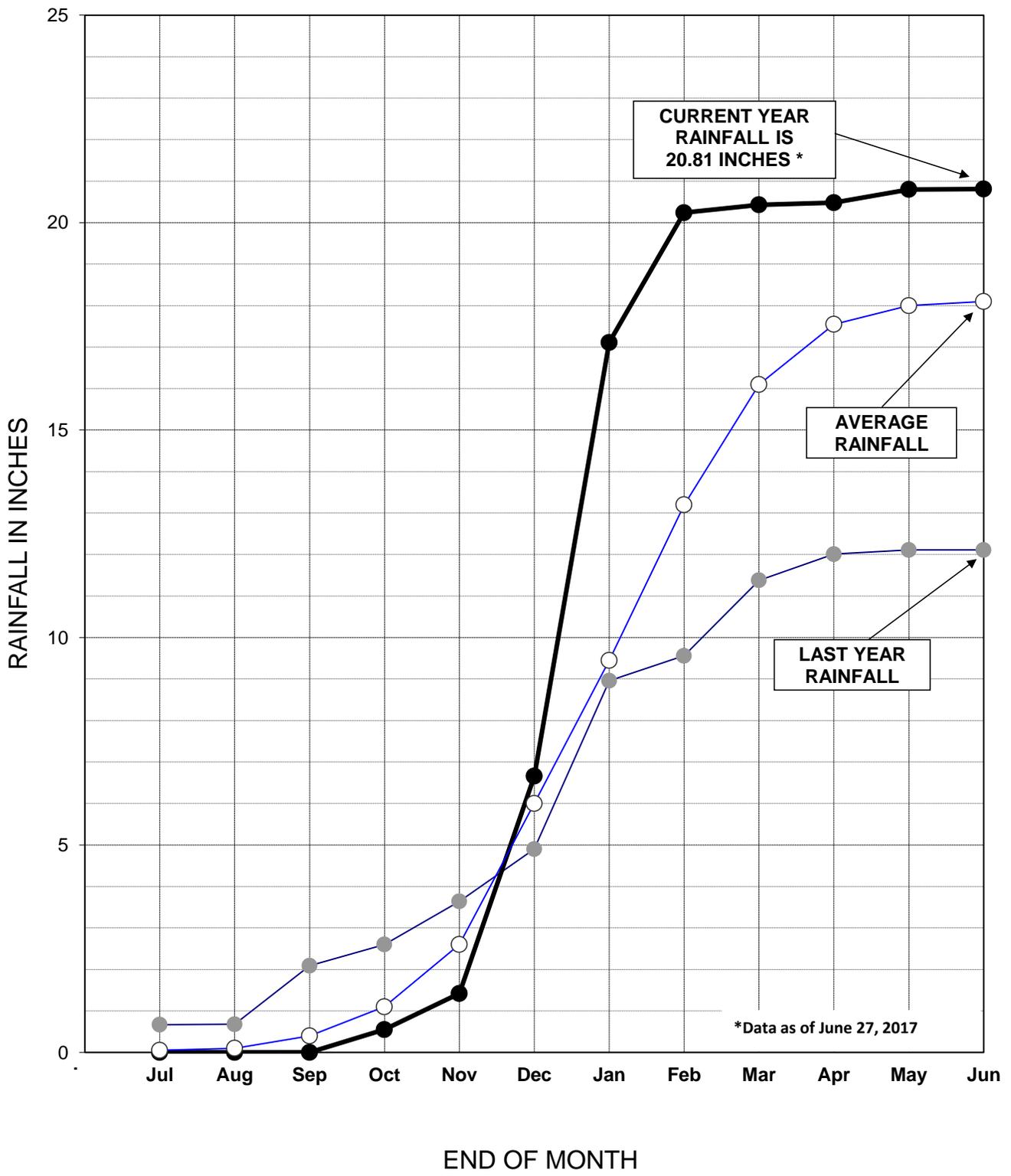
STETSON ENGINEERS INC.

Covina San Rafael Mesa, Arizona

WATER RESOURCE ENGINEERS

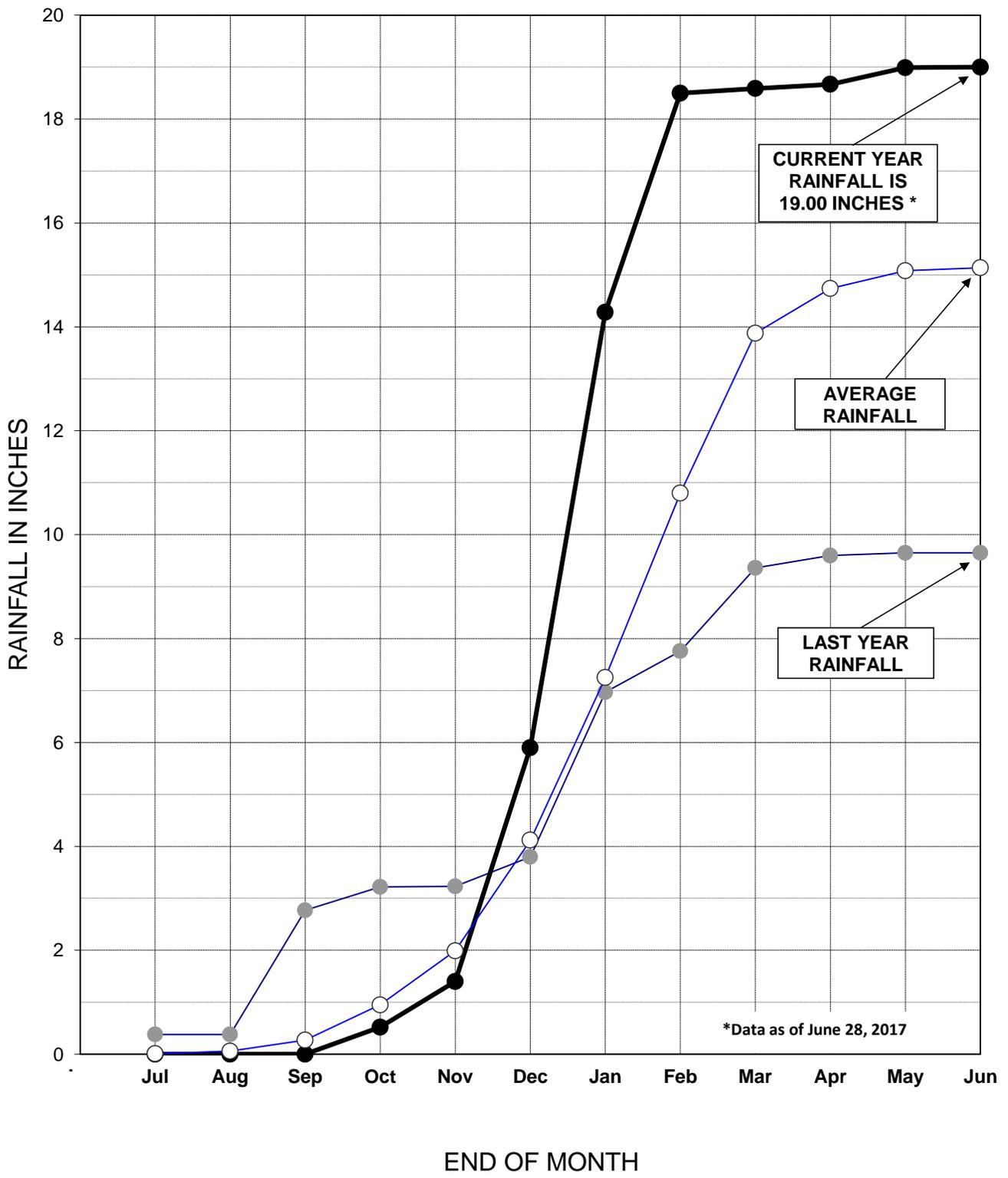
MAIN SAN GABRIEL BASIN WATERMASTER

**BALDWIN PARK KEY WELL
GROUNDWATER ELEVATION**



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)



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

SALARY AND BENEFITS SUMMARY OF LPVCWD STAFF - AS OF JUNE 30, 2017

EMPLOYEE	NO.	HOURLY RATE	O/T RATE	BENEFITS (Not Including Pers) PER HOUR	CaIPERS PER HOUR	Wages, Benefits & CaIPERS HOURLY
General Manager	24	\$ 71.26		\$ 17.29	\$ 11.96	\$ 100.51
Compliance Officer / Project Engineer*	40	\$ 45.35		\$ 21.66	\$ 3.17	\$ 70.18
Board Secretary / Office Administrator	1	\$ 40.72		\$ 24.08	\$ 6.84	\$ 71.64
Cust Serv/Accounting Supervisor	9	\$ 39.89	\$ 59.84	\$ 23.35	\$ 6.70	\$ 69.94
Water Production & Treatment Supervisor	12	\$ 39.60	\$ 59.40	\$ 21.05	\$ 6.65	\$ 67.30
Water Distribution Supervisor	7	\$ 36.00	\$ 54.00	\$ 19.89	\$ 6.04	\$ 61.93
Water Production & Treatment Operator II	23	\$ 35.70	\$ 53.55	\$ 20.65	\$ 5.99	\$ 62.34
Lead Water Service Worker	15	\$ 34.89	\$ 52.34	\$ 21.24	\$ 5.86	\$ 61.99
Service Worker II**	38	\$ 30.46	\$ 45.68	\$ 18.08	\$ 2.13	\$ 50.67
Service Worker II	18	\$ 26.38	\$ 39.57	\$ 18.83	\$ 4.43	\$ 49.64
Water Production & Treatment Operator I	31	\$ 26.03	\$ 39.05	\$ 19.58	\$ 4.37	\$ 49.98
Service Worker II	22	\$ 25.90	\$ 38.84	\$ 19.55	\$ 4.35	\$ 49.80
Billing Clerk II	11	\$ 25.39	\$ 38.09	\$ 12.66	\$ 4.26	\$ 42.31
Blling Clerk Part-Time	41	\$ 17.11		\$ 0.28		\$ 17.39
Field Operations Assistant P/T (Hourly)*	33	\$ 22.56	N/A	\$ 0.36	\$ 2.42	\$ 25.34



Summary of Cash and Investments

June 2017

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	0.92%	\$ 1,991,951.24	\$ 4,587.19	\$ -	\$ 1,996,538.43
Raymond James Financial Services		\$ 505,067.77	\$ 785.26	\$ -	\$ 505,853.03
Checking Account					
Well Fargo Checking Account (per General Ledger)		\$ 982,019.22	\$ 304,759.57	\$ 502,295.96	\$ 784,482.83
District's Total Cash and Investments:					\$ <u>3,286,874.29</u>

Industry Public Utilities

Checking Account	Beginning Balance	Receipts	Disbursements	Ending Balance
Well Fargo Checking Account (per General Ledger)	\$ 470,775.65	\$ 208,195.20	\$ 199,966.74	\$ 479,004.11
IPU's Total Cash and Investments:				\$ <u>479,004.11</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.

, General Manager

Date: 7/20/2017

Greg B. Galindo

La Puente Valley County Water District (Treatment Plant Included)
Statement of Revenues and Expenses
For the Period Ending June 30, 2017
(Unaudited)

<u>DESCRIPTION</u>	LPVCWD YTD 2017	TP YTD 2017	COMBINED YTD 2017	COMBINED BUDGET 2017	50% OF BUDGET	COMBINED 2016
Total Operational Revenues	\$ 880,895	\$ -	\$ 880,895	\$ 1,925,600	46%	\$ 1,897,789
Total Non-Operational Revenues	262,523	535,248	797,771	3,367,500	24%	1,823,685
TOTAL REVENUES	1,143,418	535,248	1,678,665	5,293,100	32%	3,721,474
Total Salaries & Benefits	486,356	136,956	623,312	1,269,800	49%	1,175,969
Total Supply & Treatment	504,446	339,580	844,026	1,639,400	51%	1,486,410
Total Other Operating Expenses	77,408	41,434	118,842	403,300	29%	294,555
Total General & Administrative	175,510	17,278	192,788	507,200	38%	367,578
TOTAL EXPENSES	1,243,720	535,248	1,778,968	3,819,700	47%	3,324,512
TOTAL OPERATIONAL INCOME	(100,302)	-	(100,302)	1,473,400	-7%	396,962
Total Capital Improvements	(11,270)	-	(11,270)	(2,085,000)	1%	(69,922)
Total Capital Outlay	(30,487)	-	(30,487)	(82,000)	37%	(145,725)
TOTAL CAPITAL OPERATIONS	(41,757)	-	(41,757)	(2,167,000)	2%	(215,646)
Total Developer	-	-	-	15,000	0%	8,292
OPERATING INCOME	(142,059)	-	(142,059)	(678,600)		189,607
Non-Cash Items (Dep. & OPEB)	(165,343)	(366,500)	(531,843)	1,007,000	-53%	52,385
NET INCOME (LOSS)	\$ (307,402)	\$ (366,500)	\$ (673,902)	\$ 328,400	-205%	\$ 241,992

La Puente Valley County Water District
Statement of Revenues and Expenses
For the Period Ending June 30, 2017
(Unaudited)

Description	JUNE 2017	YTD 2017	ANNUAL BUDGET 2017	50% OF BUDGET	YEAR END 2016
Operational Revenues					
Water Sales	\$ 145,325	\$ 516,492	\$ 1,209,500	42.70%	\$ 1,179,947
Service Charges	54,853	301,526	598,000	50.42%	601,298
Surplus Sales	2,622	17,184	36,000	47.73%	30,558
Customer Charges	2,852	17,552	29,200	60.11%	31,429
Fire Service	7,964	27,796	52,700	52.74%	53,902
Miscellaneous Income	115	345	200	172.50%	655
Total Operational Revenues	213,730	880,895	1,925,600	45.75%	1,897,789
Non-Operational Revenues					
Management Fees	45,518	91,035	257,000	35.42%	253,500
Taxes & Assessments	6,890	98,715	195,000	50.62%	215,708
Other O & M Fees	5,425	34,275	62,000	55.28%	68,259
Rental Revenue	2,937	17,366	33,300	52.15%	33,969
Interest Revenue	-	-	10,000	0.00%	13,992
Miscellaneous Income	6,300	21,132	36,500	57.90%	75,860
Recycled Water System (Grant Revenue)	-	-	415,000	0.00%	-
Recycled Water System (Loan Proceeds)	-	-	1,000,000	0.00%	-
Total Non-Operational Revenues	67,069	262,523	2,008,800	13.07%	661,288
TOTAL REVENUES	280,799	1,143,418	3,934,400	29.06%	2,559,077
Salaries & Benefits					
Total District Wide Labor	38,176	226,570	472,600	47.94%	448,209
Directors Fees & Benefits	9,019	58,140	106,900	54.39%	102,802
Benefits	10,266	64,171	140,900	45.54%	100,078
OPEB Payments	34,150	81,069	165,200	49.07%	163,062
Payroll Taxes	3,326	21,771	45,300	48.06%	38,934
Retirement Program Expense	9,808	34,635	73,900	46.87%	57,493
Total Salaries & Benefits	104,746	486,356	1,004,800	48.40%	910,577
Supply & Treatment					
Purchased & Leased Water	177,022	421,194	386,600	108.95%	475,464
Power	15,379	66,058	154,700	42.70%	135,678
Assessments	942	5,652	174,200	3.24%	86,920
Treatment	332	2,330	10,000	23.30%	6,363
Well & Pump Maintenance	-	9,212	56,700	16.25%	21,490
Total Supply & Treatment	193,675	504,446	782,200	64.49%	725,916
Other Operating Expenses					
General Plant	1,472	11,540	35,600	32.42%	23,830
Transmission & Distribution	8,671	22,295	76,500	29.14%	46,997
Vehicles & Equipment	(2,622)	9,064	28,100	32.26%	12,758
Field Support & Other Expenses	2,369	15,562	45,500	34.20%	74,084
Regulatory Compliance	4,714	18,947	34,100	55.56%	25,177
Recycled Water Short Term Loan Payment	-	-	-	N/A	-
Recycled Water Loan Payment	-	-	-	N/A	-
Total Other Operating Expenses	14,604	77,408	219,800	35.22%	182,846

La Puente Valley County Water District
Statement of Revenues and Expenses
For the Period Ending June 30, 2017
(Unaudited)

Description	JUNE 2017	YTD 2017	ANNUAL BUDGET 2017	50% OF BUDGET	YEAR END 2016
General & Administrative					
District Office Expenses	8,836	30,077	65,600	45.85%	35,904
Customer Accounts	1,659	9,575	20,000	47.88%	19,804
Insurance	7,247	42,308	89,000	47.54%	61,400
Professional Services	5,488	65,939	183,000	36.03%	163,869
Training & Certification	1,476	13,008	30,000	43.36%	21,850
Public Outreach & Conservation	4,822	8,483	37,000	22.93%	13,266
Other Administrative Expenses	1,021	6,120	29,600	20.68%	26,684
Total General & Administrative	30,550	175,510	454,200	38.64%	342,776
TOTAL EXPENSES	343,575	1,243,720	2,461,000	50.54%	2,162,115
TOTAL OPERATIONAL INCOME	(62,775)	(100,302)	1,473,400	-6.81%	396,962
Capital Improvements					
Zone 3 Improvements	-	(1,300)	(85,000)	1.53%	-
Service Line Replacements	(9,970)	(9,970)	(25,000)	39.88%	(47,395)
Valve Replacements	-	-	(15,000)	0.00%	(3,107)
Fire Hydrant Repair/Replacements	-	-	(5,000)	0.00%	(3,673)
Main & 1st Street Building Retrofit	-	-	(55,000)	0.00%	-
Phase 1 - Recycled Water System	-	-	(1,700,000)	0.00%	(15,747)
Phase 2 - Recycled Water System	-	-	(200,000)	0.00%	-
Total Capital Improvements	(9,970)	(11,270)	(2,085,000)	0.54%	(69,922)
Capital Outlay					
Communications Systems Upgrade	-	-	-	N/A	(12,944)
Meter Read Collection System Equipment	(1,281)	(30,487)	(45,000)	67.75%	-
New Pick-Up & Backhoe	-	-	(37,000)	0.00%	(132,780)
Total Capital Outlay	(1,281)	(30,487)	(82,000)	37.18%	(145,725)
TOTAL CAPITAL OPERATIONS	(11,251)	(41,757)	(2,167,000)	1.93%	(215,646)
Developer					
Developer Fees	-	-	5,000	0.00%	8,292
Developer Contributions	-	-	10,000	0.00%	-
Total Developer	-	-	15,000	0.00%	8,292
OPERATING INCOME	(74,026)	(142,059)	(678,600)		189,607
Add Back Capitalized Assets	11,251	41,757	2,167,000	1.93%	215,646
Less Depreciation Expense	(34,517)	(207,100)	(414,200)	50.00%	(361,474)
Less OPEB Expense - Not Funded	-	-	(12,800)	0.00%	20,223
NET INCOME (LOSS)	\$ (97,292)	\$ (307,402)	\$ 1,061,400	-28.96%	\$ 64,003

Treatment Plant
Statement of Revenues and Expenses
For the Period Ending June 30, 2017
(Unaudited)

Description	JUNE 2017	YTD 2017	ANNUAL BUDGET 2017	50% OF BUDGET	YEAR END 2016
Non-Operational Revenues					
Reimbursements from CR's	\$ 63,269	\$ 535,248	\$ 1,358,700	39%	\$ 1,162,397
Miscellaneous Income	-	-	-	N/A	-
Total Non-Operational Revenues	63,269	535,248	1,358,700	39%	1,162,397
Salaries & Benefits					
Total District Wide Labor	25,621	136,956	265,000	52%	265,392
Contract Labor	-	-	-	N/A	-
Total Salaries & Benefits	25,621	136,956	265,000	52%	265,392
Supply & Treatment					
NDMA, 1,4-Dioxane Treatment	2,365	116,322	195,600	59%	143,768
VOC Treatment	3,989	3,989	17,600	23%	35,449
Perchlorate Treatment	1,900	111,310	332,600	33%	342,688
Other Chemicals	2,189	5,272	16,600	32%	13,231
Treatment Plant Power	17,712	79,947	204,800	39%	160,313
Treatment Plant Maintenance	1,166	9,784	70,000	14%	29,404
Well & Pump Maintenance	-	12,956	20,000	65%	35,641
Total Supply & Treatment	29,321	339,580	857,200	40%	760,495
Other Operating Expenses					
General Plant	990	6,035	45,000	13%	12,414
Vehicles & Equipment	742	4,957	6,500	76%	9,356
Field Support & Other Expenses	-	-	15,000	0%	-
Regulatory Compliance	6,578	30,442	117,000	26%	89,940
Total Other Operating Expenses	8,310	41,434	183,500	23%	111,710
General & Administrative					
District Office Expenses	-	-	20,000	0%	-
Insurance	-	5,741	18,000	32%	9,506
Professional Services	18	11,537	15,000	77%	15,296
Total General & Administrative	18	17,278	53,000	33%	24,801
TOTAL EXPENSES	63,269	535,248	1,358,700	39%	1,162,397
TOTAL OPERATIONAL INCOME	-	-	-	N/A	-
Capital Outlay					
Scada Computer	-	-	-	N/A	-
Total Capital Outlay	-	-	-	N/A	-
Depreciation Expense	(61,083)	(366,500)	(733,000)	50%	177,989
Total Non-Cash Items (Dep. & OPEB)	(61,083)	(366,500)	(733,000)	50%	177,989
NET INCOME (LOSS)	\$ (61,083)	\$ (366,500)	\$ (733,000)	50%	\$ 177,989

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses Summary
For the Period Ending June 30, 2017
(Unaudited)

DESCRIPTION	JUNE 2017	FISCAL YTD 2016-2017	BUDGET FY 2016-2017	100% OF BUDGET	FY END 2015-2016
Total Operational Revenues	\$ 125,661	\$ 1,892,470	\$ 1,887,200	100.28%	\$ 1,863,369
Total Non-Operational Revenues	-	52,876	30,000	176.25%	65,772
TOTAL REVENUES	125,661	1,945,346	1,917,200	101.47%	1,929,141
Total Salaries & Benefits	38,850	614,212	622,700	98.64%	580,138
Total Supply & Treatment	505,129	729,153	732,500	99.54%	706,150
Total Other Operating Expenses	27,048	165,757	164,700	100.64%	169,752
Total General & Administrative	52,149	241,513	284,800	84.80%	274,256
Total Other & System Improvements	40,916	132,828	213,000	62.36%	162,682
TOTAL EXPENSES	664,092	1,883,463	2,017,700	93.35%	1,892,978
OPERATING INCOME	(538,431)	61,883	(100,500)	-61.58%	36,163
NET INCOME (LOSS)	\$ (538,431)	\$ 61,883	\$ (100,500)	-61.58%	\$ 36,163

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses
For the Period Ending June 30, 2017
(Unaudited)

DESCRIPTION	JUNE 2017	FISCAL YTD 2016-2017	BUDGET FY 2016-2017	100% OF BUDGET	FY END 2015-2016
Operational Revenues					
Water Sales	\$ 76,908	\$ 1,183,036	\$ 1,180,000	100.26%	\$ 1,157,019
Service Charges	44,106	597,431	599,000	99.74%	598,233
Customer Charges	1,810	20,115	20,100	100.07%	20,361
Fire Service	2,837	91,888	88,100	104.30%	87,756
Miscellaneous Income	-	-	-	N/A	-
Total Operational Revenues	125,661	1,892,470	1,887,200	100.28%	1,863,369
Non-Operational Revenues					
Contamination Reimbursement	-	37,510	30,000	125.03%	35,789
Developer Fees	-	14,568	-	N/A	19,102
Miscellaneous Income	-	798	-	N/A	10,881
Total Non-Operational Revenues	-	52,876	30,000	176.25%	65,772
TOTAL REVENUES	125,661	1,945,346	1,917,200	101.47%	1,929,141
Salaries & Benefits					
Administrative Salaries	14,118	165,274	175,400	94.23%	168,089
Field Salaries	9,509	225,518	229,900	98.09%	205,882
Employee Benefits	8,599	139,630	137,500	101.55%	124,639
Pension Plan	3,449	49,805	46,700	106.65%	46,051
Payroll Taxes	1,690	27,928	26,600	104.99%	29,122
Workman's Compensation	1,484	6,058	6,600	91.79%	6,355
Total Salaries & Benefits	38,850	614,212	622,700	98.64%	580,138
Supply & Treatment					
Purchased Water - Leased	496,961	496,961	352,700	140.90%	496,961
Purchased Water - Other	1,344	13,425	14,400	93.23%	14,611
Power	924	118,825	126,700	93.78%	109,709
Assessments	-	91,666	75,100	122.06%	67,007
Treatment	5,900	5,900	6,600	89.39%	5,722
Well & Pump Maintenance	-	2,376	157,000	1.51%	12,140
Total Supply & Treatment	505,129	729,153	732,500	99.54%	706,150
Other Operating Expenses					
General Plant	363	5,278	10,300	51.24%	17,930
Transmission & Distribution	5,549	67,558	75,400	89.60%	53,479
Vehicles & Equipment	17,426	31,515	18,800	167.63%	34,708
Field Support & Other Expenses	952	26,761	23,400	114.36%	19,793
Regulatory Compliance	2,759	34,645	36,800	94.14%	43,842
Total Other Operating Expenses	27,048	165,757	164,700	100.64%	169,752

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS
Statement of Revenue and Expenses
For the Period Ending June 30, 2017
(Unaudited)

DESCRIPTION	JUNE 2017	FISCAL YTD 2016-2017	BUDGET FY 2016-2017	100% OF BUDGET	FY END 2015-2016
General & Administrative					
Management Fee	45,518	180,285	182,500	98.79%	176,750
Office Expenses	2,369	20,759	20,500	101.26%	20,015
Insurance	-	12,004	25,300	47.45%	23,288
Professional Services	85	4,739	15,000	31.59%	14,480
Customer Accounts	1,320	15,748	15,000	104.99%	15,207
Public Outreach & Conservation	2,514	4,688	24,500	19.13%	22,260
Other Administrative Expenses	344	3,291	2,000	164.54%	2,257
Total General & Administrative	52,149	241,513	284,800	84.80%	274,256
Other Expenses & System Improvements (Water Operations Fund)					
Transfer to Capital or Expense	-	-	-	N/A	-
Developer Capital Contributions	-	-	-	N/A	(178,514)
Developer Project -	-	-	-	N/A	8,605
Developer Project -	-	-	-	N/A	90,112
Developer Project -	-	-	-	N/A	3,795
Developer Project -	-	-	-	N/A	72,003
Developer Project -	-	-	-	N/A	5,996
Developer Project -	-	-	-	N/A	6,607
Net Developer Project Activity	-	-	-	-	8,605
Master Plan Update / Hydraulic Model	-	11,359	9,000	126.22%	29,092
Other System Improvements (Materials)	-	223	-	N/A	78,428
FH Laterals	-	83	9,000	0.92%	8,359
Service Line Replacements	35,888	71,893	25,000	287.57%	36,953
Valve Replacements	193	660	30,000	2.20%	1,245
Plant Electrical System Improvements	-	-	20,000	0.00%	-
Meter Installations - Industry Hills	3,975	24,818	67,000	0.00%	-
Meter Read Collection System	860	23,792	35,000	0.00%	-
SCADA System Assessment & Upgrades	-	-	18,000	0.00%	-
Total Other & System Improvements	40,916	132,828	213,000	62.36%	162,682
TOTAL EXPENSES	664,092	1,883,463	2,017,700	93.35%	1,892,978
OPERATING INCOME	(538,431)	61,883	(100,500)	N/A	36,163

STAFF REPORT



Meeting Date: July 24, 2017
To: Honorable Board of Directors
Subject: Consideration to File a CEQA Notice of Exemption for the Offsite Waterline Improvements in Del Valle Avenue.

Purpose - *File a CEQA Notice of Exemption for the installation of a 12-inch waterline along with pertinent appurtenances in Del Valle Avenue.*

Recommendation - *Approve and direct staff to file a CEQA Notice of Exemption for the new waterline in Del Valle Avenue on the basis of the statutory exemption permitted under 14 CCR Section 15282(k).*

Fiscal Impact - *No impact to the District's 2017 Budget from this action. Any applicable filing fees will be collected from the Developer.*

Summary

On June 26, 2017, the Board approved the Plans and Specifications of a new waterline in Del Valle Avenue. The design of the new 12-inch Ductile Iron Pipe (DIP) waterline consists of a Tie-In with the existing 16-inch AC main on Temple Avenue and extends northerly along Del Valle Avenue approximately 1,300 feet to a point of connection with the new 747 Del Valle development.

The project's status falls under a (1) Statutory Exemption, Section 15282 (k) and (2) Categorical Exemption, Section 15302 (c) Replacement or Reconstruction.

Under the Statutory Exemption, Section 15282 (k), the proposed waterline on Del Valle consists of the installation of new pipeline or maintenance, repair, restoration, removal, or demolition of an existing pipeline as set forth in Section 21080.21 of the Public Resources Code, as long as the project does not exceed one mile in length.

In addition, under the Categorical Exemption, Section 15302 (c), the proposed waterline on Del Valle consist of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, including replacement or reconstruction of existing utility systems and or facilities involving negligible or no expansion of capacity.

Fiscal Impact

There is no impact to the District's 2017 Budget. Any applicable filing fees will be collected from the developer.

Recommendation

Staff requests the approval to file a CEQA Notice of Exemption for the new waterline in Del Valle Avenue on the basis of the statutory exemption permitted under 14 CCR Section 15282(k).

Respectfully Submitted,

Roy Frausto

Compliance Officer/Project Engineer

Enclosure(s)

- *Notice of Exemption*
- *747 Del Valle Final Plans*

Notice of Exemption

To: Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

From: La Puente Valley County Water District
112 N. First Street
La Puente, CA 91744

County Clerk
County of Los Angeles
12400 East Imperial Highway, Room 2001
Norwalk, CA 90650
(562) 462-3033

Project Title: Installation of water system pipeline and appurtenances within the La Puente Valley County Water District in La Puente, CA.

Project Location – Specific:

1. A 12-inch water main composed of ductile iron along with its appurtenances will be installed in Del Valle Avenue. The pipeline in Del Valle Avenue will be installed from Temple Ave. to Mentz St. for an approximate length of 1,300 feet.

Project Location – City: The pipeline project will be constructed within public right-of-way within the city streets of La Puente.

Project Location – County: Los Angeles County

Description of Nature, Purpose, and Beneficiaries of Project: The water system improvements will increase water system reliability for domestic and fire suppression supplies and support the proposed 45-unit housing development on 747 Del Valle. The project would have significant public health benefits as identified below:

1. Ductile iron pipe minimizes water discoloration that can occur with steel pipes.
2. Enhance water system volume delivery for firefighting purposes and generally enhance quality of life, potentially resulting in less fire damage and lowering the risk of injury and property loss to the District's constituents.

Name of Public Agency Approving Project: La Puente Valley County Water District

Name of Person or Agency Carrying Out Project: Greg Galindo, General Manager, La Puente Valley County Water District

Exempt Status: (*check one*)

- Ministerial (Sec.21080 (b)(1); 15268);
- Declared Emergency (Sec. 21080 (b)(3); 15269 (a));
- Emergency Project (Sec.21080 (b)(4); 15269 (b)(c));
- Categorical Exemption. State type and section number:
- Statutory Exemptions. State code number:
14 C.C.R. § 15282(k)

Notice of Exemption – La Puente Valley County Water District

Reasons Why Project Is Exempt: Pursuant to 14 C.C.R. § 15282(k), this project is exempt because the proposed pipeline consists of the installation of a new pipeline that replaces an existing pipeline less than one mile in length within a public street as set forth in Section 21080.21 of the Public Resources Code..

Lead Agency Contact Person: Greg B. Galindo

Area Code/Telephone/Extension: (626) 330-2126

If filed by Applicant:

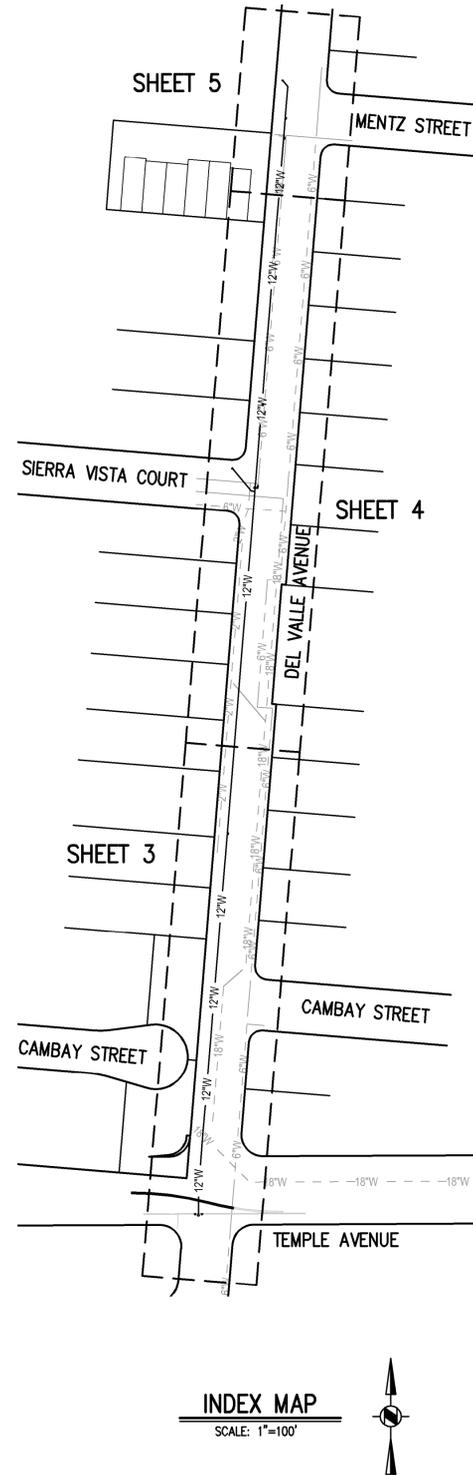
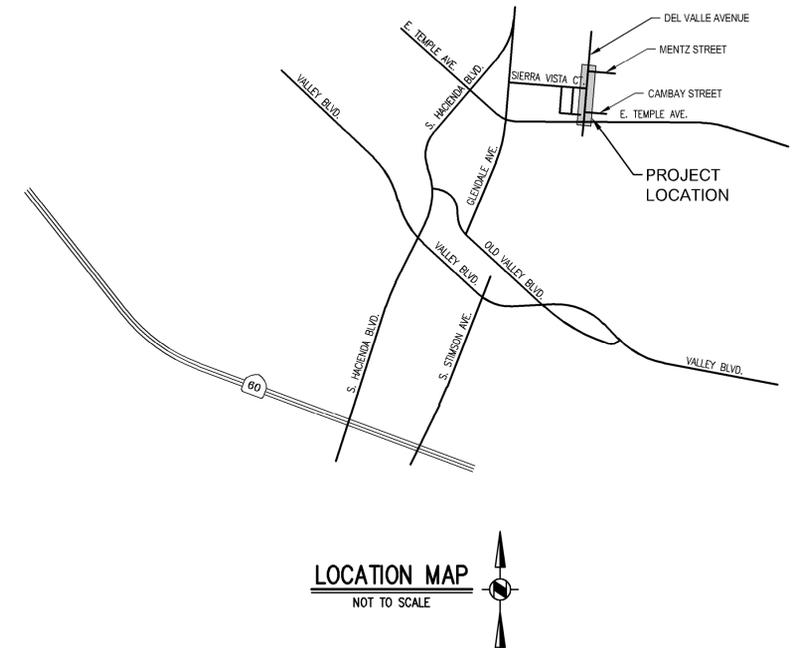
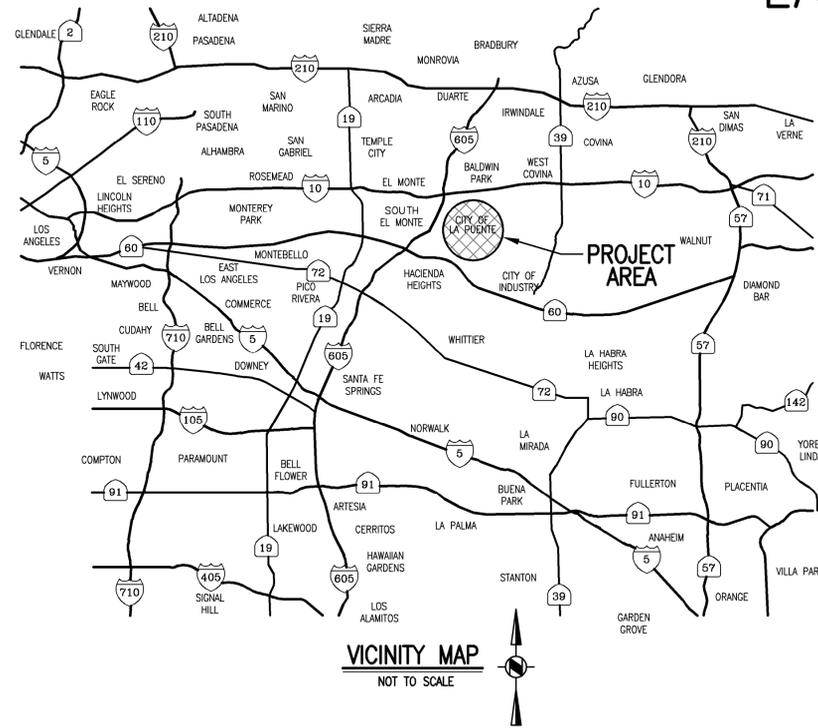
1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: _____ Date: _____ Title: General Manager

Signed by Lead Agency Date Received for Filing at OPR:

Signed by Applicant

LA PUENTE VALLEY COUNTY WATER DISTRICT DEL VALLE WATER MAIN EXTENSION



BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES NOTE:

- 1 ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
- 2 STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- 3 FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- 4 NON-STORM WATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND OTHER ACTIVITY SHALL BE CONTAINED AT THE PROJECT SITE.
- 5 EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- 6 TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND. ("GREEN WASTE" OR SOLID WASTE, BUT NOT DIRT, GENERATED WITHIN CITY OF INDUSTRY MUST BE DEPOSITED IN COVERED RECEPTACLE & DISPOSED OF BY GRAND CENTRAL RECYCLING, AT CONTRACTORS EXPENSE).
- 7 SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- 8 ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

UTILITY CONTACTS

TELEPHONE:	VERIZON	CHRIS THORPE	(626) 813-4507
CABLE COMPANY:	ADELPHIA	RAY MIX	(909) 390-4777
POWER:	SO. CAL. EDISON CO.	RON GONZALES	(909) 592-3725
WATER:	L.P.V.C.W.D.	ROY FRAUSTO OR KEITH BOWMAN	(626) 330-2126
CO. OF L.A.F.D.			
FIRE PREVENTION DIVISION:		AREA 5 INDUSTRY	(626) 913-8464
CITY OF INDUSTRY:		UPENDRA JOSHI, P.E.	(626) 956-8274
(C & C ENGINEERING)			
CITY OF LA PUENTE:		GREG LINDSEY	(626) 855-1540
L.A.C.D.W.P.		KEITH MATHIAS	(626) 338-9509
SUBURBAN WATER SYSTEMS		DAVE BUTTON	(562) 244-2762

SHEET INDEX	
SHEET No.	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES
3	WATER PLAN & PROFILE
4	WATER PLAN & PROFILE
5	WATER PLAN & PROFILE AND DETAILS
6	DETAILS

BENCH MARK

LOS ANGELES COUNTY PUBLIC WORKS SURVEY SECTION
QUAD YEAR 2005, BM NUMBER KG3977. L & T IN N. CURB 11.5 FT W/O BCR @ NW CORNER OF TEMPLE AVENUE & DEL VALLE AVE.

ELEV. = 396.392

X:\2017\201710-00-EPOND-DEL VALLE WATERMAIN EXTENSION\DWG\SHEETS\IMPROVEMENT\PLANS\00X PLANS FOR CLIENT\1 COVER SHEETING (06-22-17 2:31:05PM)

A Free Public Service Provided by
Underground Service Alert of Southern California

REFERENCES							
NO.	DESCRIPTION	APP.	DATE	NO.	DESCRIPTION	APP.	DATE

APPROVED BY:	76613	5/22/2017
CIVILTEC ENGINEERING, INC.	RCE	DATE
APPROVED BY:		
LA PUENTE VALLEY COUNTY WATER DISTRICT		DATE

PLANS PREPARED BY:

118 West Lime Avenue
Monrovia, Ca. 91016
Phone: (626) 357-0588
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LA PUENTE VALLEY COUNTY WATER DISTRICT

CITY OF LA PUENTE
DEL VALLE AVENUE - WATER MAIN IMPROVEMENTS
COVER SHEET

DESIGN: SH	CHECKED: SH	DRAWN: MM
DESIGN DATE: MAY, 2017	JOB NO. 2017110.00	SHEET 1 OF 6

GENERAL NOTES

- 1 THIS WATER SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" LATEST EDITION ALL WORK SHALL BE SUBJECT TO THE DISTRICT'S WATER INSPECTOR'S ACCEPTANCE AS A CONDITION OF COMPLETION OF WORK BY THE CONTRACTOR. IN ADDITION, ALL TRENCH BACKFILL, A.C. PAVING, AND CONCRETE REPLACEMENT SHALL BE SUBJECT TO THE DISTRICT ENGINEER'S ACCEPTANCE AS A CONDITION OF COMPLETION OF WORK BY THE CONTRACTOR.
- 2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. THE CONTRACTOR SHALL VERIFY SITE CONDITIONS AND MAKE NECESSARY POT HOLE, NOTIFY THE VARIOUS UTILITIES TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. ANY DELAY OR INCONVENIENCE CAUSED THE CONTRACTOR BY THE RELOCATION OF VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT, NO EXTRA COMPENSATION WILL BE ALLOWED. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
- 3 PRIOR TO CONSTRUCTION OF THE WATER MAIN, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL OBTAIN DISTRICT APPROVAL TO EXPOSE THE EXISTING WATER LINE WHERE CONNECTIONS WILL OCCUR AND VERIFY THEIR ELEVATION AND LOCATION. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR DISCREPANCIES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. THE DISTRICT GENERAL WATER MANAGER SHALL BE CONSULTED TO MAKE ANY/ALL REQUIRED INTERPRETATIONS OF THE PLANS, HOWEVER, THIS IN NO WAY RELIEVES THE CONTRACTOR OF HIS RESPONSIBILITY FOR CONSTRUCTING THE PROJECT TO ACCOMPLISH THE INTENT OF THE PLANS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO A FAILURE TO GIVE SUCH NOTIFICATION.
- 4 CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATING WITH OTHER SUB-CONTRACTORS AS REQUIRED TO ACCOMPLISH CONSTRUCTION OPERATIONS.
- 5 ALL CONTRACTOR AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTOR AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATION" OF THE U.S. DEPARTMENT OF LABOR, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS."
- 6 CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, THE ENGINEER, AND THE DISTRICT AND ITS REPRESENTATIVE, HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- 7 CONTRACTOR SHALL SUBMIT THEIR SURVEY RECORDS TO THE DISTRICT ENGINEER AND "AS-BUILT" WATER PLANS TO THE DISTRICT'S INSPECTOR PRIOR TO FINAL INSPECTION.
- 8 CONTRACTOR SHALL OBTAIN CONSTRUCTION PERMITS FROM THE DISTRICT AND CITY OF LA PUENTE PRIOR TO COMMENCING ANY WORK.
- 9 THE CONTRACTOR SHALL NOTIFY THE DISTRICT, AND THE CITY OF LA PUENTE OFFICES FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION AND AT LEAST TWO (2) WORKING DAYS NOTICE WHEN INSPECTIONS OR ENGINEERING JUDGMENTS BECOME NECESSARY AS SET FORTH IN THE STANDARDS.
- 10 ALL PERMIT WORK SHALL CONFORM TO PERMIT REQUIREMENTS AT ALL TIMES. THE PLANS, SPECIFICATIONS AND ALL NECESSARY PERMITS REQUIRED BY THE DISTRICT AND THE CITY SHALL BE ON THE JOB SITE AT ALL TIMES.
- 11 ALL WORK WHICH IS NOT IN THE PUBLIC RIGHT OF WAY SHALL BE DONE AT THE LEAST INCONVENIENCE TO THE PROPERTY OWNER, CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING LANDSCAPING. ALL PRIVATE OR PUBLIC WALLS, FENCES, SOILS REMOVED FOR THE CONSTRUCTION OF THIS PIPE LINE SHALL BE REPLACED TO MATCH EXISTING. CONTRACTOR SHALL FILL ALL TURF & LANDSCAPED AREAS TO ORIGINAL GRADE. PLACE PLATING AT ALL DRIVEWAY ENTRANCES ON EXPOSED WORK FOR PUBLIC CONVENIENCE.
- 12 ALL BACKFILL, COMPACTING, PAVING, CONCRETE RECONSTRUCTION, INCIDENTAL SEWER LINE RECONSTRUCTION, AND TRAFFIC CONTROL SHALL BE INSPECTED BY THE APPROPRIATED DISTRICT OR CITY INSPECTORS. ALL FOLLOWING WORKS SHALL BE INSPECTED BY THE DISTRICT'S INSPECTOR:
 - (A) TRENCHING, BEDDING AND SHADING.
 - (B) PLACING OF PIPE, VALVES, FITTINGS, THRUST BLOCKS.
 - (C) OTHER UNDERGROUND UTILITIES IN PLACE.
 - (D) LEAKAGE TESTING, FLUSHING, DISINFECTION, BACTERIOLOGICAL ANALYSIS AND TIE-IN.
 - (E) VALVE BOXES RAISED TO GRADE AND LINES FLUSHED.
 - (F) FINAL INSPECTION.

THE CONTRACTOR SHALL NOT PROCEED WITH ANY SUBSEQUENT PHASE OF WORK UNTIL THE PREVIOUS PHASE HAS BEEN INSPECTED AND APPROVED.

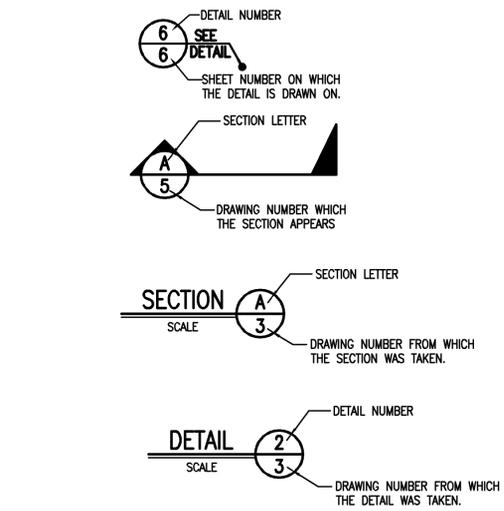
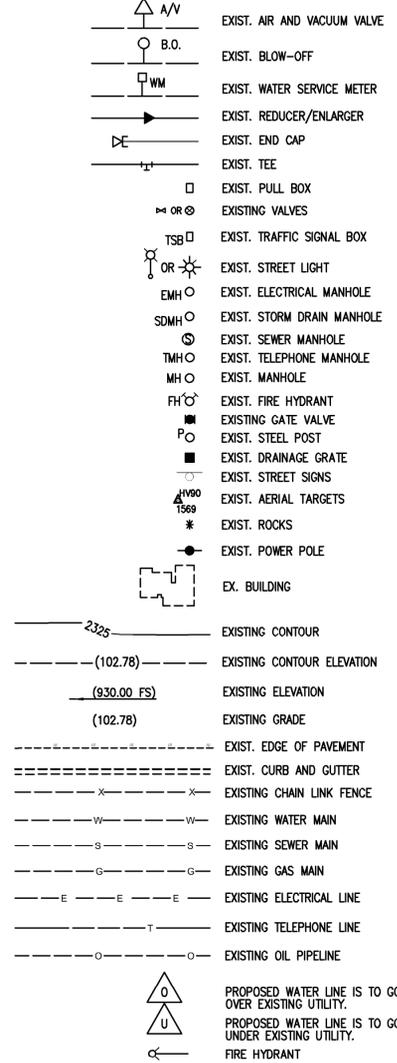
- 13 SCARIFY A.C. PAVING BEFORE TRENCHING. IF CUT LINE IS LESS THAN THREE FEET FROM AN EXISTING CUT LINE, EXPANSION JOINT, OR EDGE, THE EXISTING PAVEMENT SHALL BE REMOVED TO CUT LINE, EXPANSION JOINT, OR EDGE, OR AS DIRECTED BY THE INSPECTOR.
- 14 TRENCH BACKFILL AND STREET RESURFACING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND TRENCH DETAIL.
- 15 CONTRACTOR SHALL NOT BACKFILL TRENCH UNTIL THE INSPECTOR HAS OBTAINED AS-BUILT STATIONING ON ALL STRUCTURES. ALL BACKFILL FOR THE ENTIRE PROJECT SHALL BE 3/4" CRUSHED AGGREGATE BASE UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE DISTRICT'S ENGINEER.
- 16 ANY CONCRETE CURB, GUTTER, OR SIDEWALK REQUIRING REMOVAL FOR WATER MAIN INSTALLATION OR SERVICE CONNECTION SHALL BE REPLACED IN KIND.
- 17 COMPACTION TEST SHALL BE REQUIRED FOR ALL TRENCH BACKFILL IN ACCORDANCE WITH THE DISTRICT'S STANDARDS AT THE EXPENSE OF THE CONTRACTOR. CONTACT THE DISTRICT ENGINEER TO SET TIMES AND LOCATIONS OF TESTS

- 18 PIPE SHALL BE DUCTILE IRON PIPE, AS NOTED. MINIMUM COVER TO FINISHED SURFACE SHALL BE 36" FOR 8" PIPE AND 48" FOR 10" PIPE OR AS NOTED ON PLANS. WATER MAINS SHALL BE SAND BEDDED AND SHADED TO 12" ABOVE TOP OF PIPE. WHEREVER A WATER LINE ENCOUNTERS AN OBSTRUCTION AND CROSSING OVER WILL RESULT IN LESS THAN 30" OF COVER OVER THE WATER LINE, IT SHALL CROSS UNDER OBSTRUCTION WITH A MINIMUM OF 12 INCHES CLEARANCE.
- 19 COPPER PIPE SHALL BE TYPE K AS NOTED AND SHALL BE ENCASED WITH A MINIMUM 6-MIL THICK POLYETHYLENE SLEEVE. BURIED COPPER WATER MAINS (NON-SERVICE LATERALS) SHALL BE SAND BEDDED AND SHADED TO 12" ABOVE TOP OF PIPE. ALL JOINTS SHALL BE TIN-SILVER SOLDERED.
- 20 ALL PIPELINE REALIGNMENT DUE TO OTHER EXISTING UTILITIES SHALL BE APPROVED BY THE DISTRICT'S INSPECTOR. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE DISTRICT'S INSPECTOR.
- 21 ALL FITTINGS SHALL BE MJ (RESTRAINT TYPE), EXCEPT AT HOT TAPS AND FOR CONNECTIONS TO ACP, U.N.O. ALL SLEEVES SHALL BE STAINLESS STEEL. ALL AS-BUILT DRAWINGS OF EXISTING MAIN AT TIE-INS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH ALL FITTINGS NECESSARY FOR ANY DEVIATION OF PIPE ALIGNMENT NOT SHOWN ON THE PLANS.
- 22 SHUT DOWN OF EXISTING WATER MAINS SHALL BE LIMITED TO SIX (6) HOURS MAXIMUM, UNLESS DIRECTED OTHERWISE BY THE DISTRICT'S INSPECTOR WITH 24 HOUR NOTIFICATION.
- 23 CONNECTIONS TO EXISTING WATER LINES SHALL BE DONE ONLY IN THE PRESENCE OF THE DISTRICT'S INSPECTOR.
- 24 ALL BACTI AND PRESSURE TESTS SHALL BE APPROVED BY THE DISTRICT'S INSPECTOR PRIOR TO PLACEMENT OF PERMANENT RESURFACING, DISINFECTION SHALL BE CONDUCTED IN ACCORDANCE WITH WATER CHLORINATION PRINCIPLES AND PRACTICES AWWA NO. M20.
- 25 ALL CONSTRUCTION ACTIVITIES SHALL BE IN COMPLIANCE WITH NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GUIDELINES AND THE CLEAN WATER ACT.
- 26 DISCHARGES OF MATERIAL OTHER THAN STORM WATER ARE ALLOWED ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR, PARTS 117 AND 302.
- 27 POTENTIAL POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PLANT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPER CHLORINATED POTABLE WATER LINE FLUSHINGS.
- 28 DURING CONSTRUCTION, IF DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IT SHALL BE COLLECTED IN A SPECIFIED CONTAINER IN A TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUN-OFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- 29 WHEN CUTTING AND DISPOSING OF ASBESTOS CONCRETE PIPE, CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO REMOVE PIPE ACCORDING TO STANDARD PROCEDURES AND DISPOSE AT APPROPRIATE APPROVED SITES FOR HAZARDOUS WASTE.
- 30 ALL DAMAGED OR REMOVED TRAFFIC STRIPING OR LEGENDS SHALL BE REPLACED IN THERMOPLASTIC TO MATCH EXISTING. THE CONTRACTOR SHALL NOT CONDUCT ANY OPERATIONS OR PERFORM ANY WORK BETWEEN 4:00 PM AND 7:00 AM ON ANY WEEKDAY AND NOT ON SATURDAY, SUNDAY, OR HOLIDAYS AT ANY TIME EXCEPT AS APPROVED IN WRITING BY THE CITY ENGINEER.
- 31 TRAFFIC CONTROL SHALL BE PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). THE CITY OF LA PUENTE WILL REQUIRE A TRAFFIC CONTROL PLAN STAMPED AND SIGNED BY A REGISTERED TRAFFIC ENGINEER AT THE DISCRETION OF THE CITY.
- 32 PRIOR TO SCHEDULING THE GRINDING AND OVERLAY OF DEL VALLE AVENUE, THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF LA PUENTE TO ARRANGE AN ACCEPTABLE CONSTRUCTION DATE. ALL OTHER UTILITY INSTALLATIONS OR OTHER WORK BEING PERFORMED IN DEL VALLE AVENUE MUST BE COMPLETED BY THE RESPECTIVE CONTRACTORS BEFORE PERMISSION FROM THE CITY TO PROCEED WITH THE GRIND AND OVERLAY WILL BE GIVEN.

ABBREVIATIONS

A.C.	ASPHALT CONCRETE
AWWA	AMERICAN WATER WORKS ASSOCIATION
ACP	ASBESTOS CEMENT PIPE
CL	CENTER LINE
C.A.B.	CRUSHED AGGREGATE BASE CLASS
CLR	CLASS
CMC	CEMENT MORTAR COATED
CML	CEMENT MORTAR LINED
CML & P	CEMENT MORTAR LINED AND PAINTED
DI	DUCTILE IRON
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DR.	DRIVE
DWG.	DRAWING
E/O	EAST OF EXISTING
EX	EXISTING
FE	FLANGED END
FIG.	FIGURE
GA	GAUGE
GB	GRADE BREAK
HP	HORSE POWER
INV.	INVERT
LPV/CWD	LA PUENTE VALLEY COUNTY WATER DISTRICT
MAX.	MAXIMUM
MIN.	MINIMUM
MJ	MECHANICAL JOINT
N/O	NORTH OF
NTS	NOT TO SCALE
OAE	OR APPROVED EQUAL ON CENTER
OC	OUTSIDE DIAMETER
OD	
PCC	PORTLAND CEMENT CONCRETE
PE	PLAIN END
PVC	POLY VINYL CHLORIDE
R/W	RIGHT-OF-WAY
SCGCo.	SOUTHERN CALIFORNIA GAS COMPANY
SGVWC	SAN GABRIEL VALLEY WATER COMPANY
S/O	SOUTH OF
SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
ST	STREET
STA.	STATION
STD.	STANDARD
STL	STEEL
SWS	SUBURBAN WATER SYSTEMS
TJ	TYTON JOINT
TRANS.	TRANSITION
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
V	VELOCITY
W/	WITH
WM	WATER METER
W/O	WEST OF
WV	WATER VALVE

LEGEND



X:\2017\201710-00-LP-CWD-DEL VALLE WATERMAIN EXTENSION\DWG\SHEETS\IMPROVEMENT PLANS\008\PLANS FOR CLIENT\2 GENERAL NOTES.DWG (08-22-17 2:30:25PM)

REFERENCES

NO.	DESCRIPTION	APP.	DATE	NO.	DESCRIPTION	APP.	DATE

APPROVED BY: _____ DATE: 5/22/2017
 CIVILTEC ENGINEERING, INC. 76613 RCE
 APPROVED BY: _____ DATE: _____
 LA PUENTE VALLEY COUNTY WATER DISTRICT DATE: _____

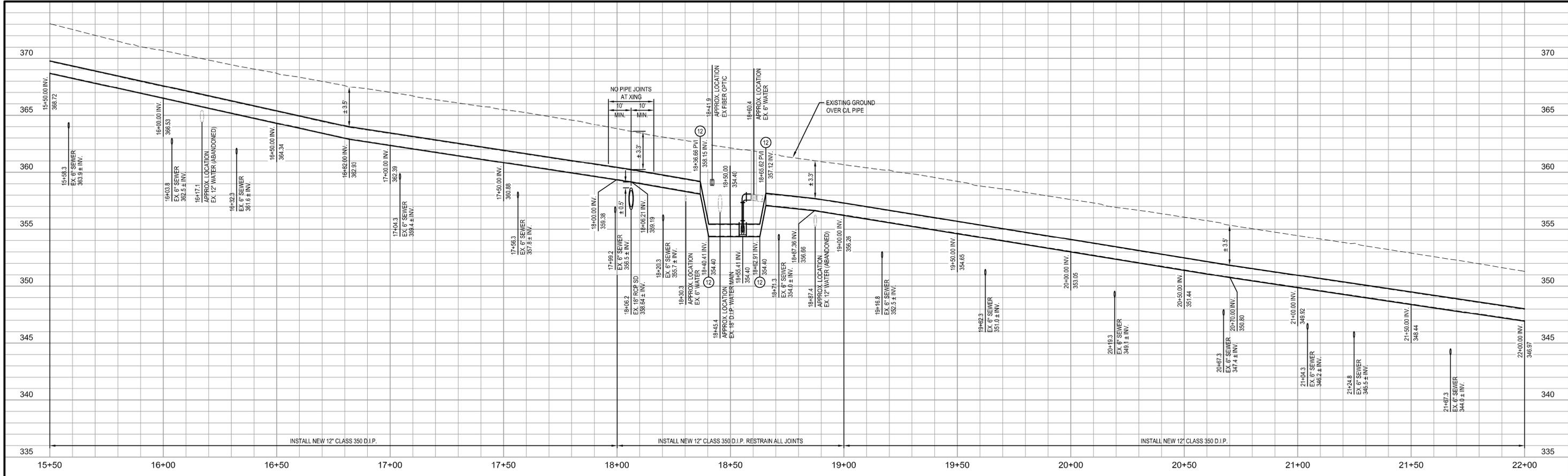
PLANS PREPARED BY:

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 California • Arizona
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LA PUENTE VALLEY COUNTY WATER DISTRICT
 CITY OF LA PUENTE
 DEL VALLE AVENUE - WATER MAIN IMPROVEMENTS
 GENERAL NOTES

DESIGN: SH	CHECKED: SH	DRAWN: MM
DESIGN DATE: MAY, 2017	JOB NO. 2017110.00	SHEET 2 OF 6

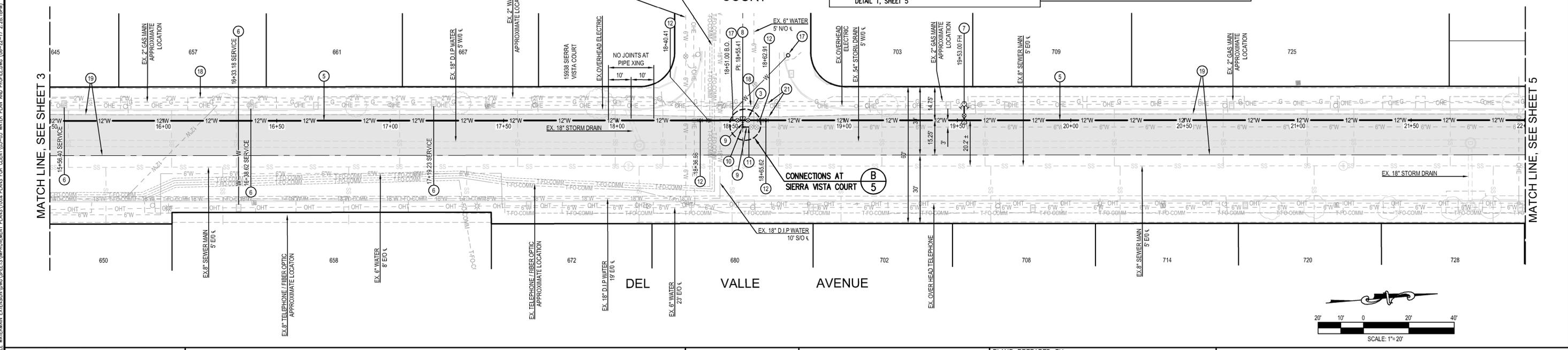
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PROFILE SCALE
 HORIZ. 1"=20'
 VERT. 1"=4'

CONSTRUCTION NOTES:

- | | | |
|---|--|--|
| 3. INSTALL NEW 12" RESILIENT WEDGE GATE VALVE, FE x MJ. VALVE BOX AND COVER PER DETAIL 5, SHEET 6 | 9. INSTALL NEW 6" CLASS 350 PIPE. TRENCHING PER DETAIL 4, SHEET 6. | 18. EX 2" WATER MAIN AND SADDLE SHALL BE DISCONNECTED FROM EX 6" MAIN. CAP AND ABANDON 2" MAIN AT CONNECTION POINT. INSTALL 6" REPAIR CLAMP ON PIPE AT CONNECTION POINT. |
| 5. INSTALL NEW 12" CLASS 350 DUCTILE IRON PIPE. TRENCHING PER DETAIL 4, SHEET 6. | 10. INSTALL NEW 6" 90° MJ BEND (TYP. OF 2). THRUST BLOCK PER DETAIL 1, SHEET 5 | 19. GRIND & OVERLAY 1.5" ARHM RUBBERIZED ASPHALT (ARHM-GG-C PER THE GREENBOOK, LATEST EDITION). |
| 6. INSTALL NEW 1" DOMESTIC WATER SERVICE PER DETAIL 2, SHEET 6. | 11. REMOVE EX. BLIND FLANGE. JOIN EX. 6" VALVE WITH FLANGE ADAPTOR. | 21. SAWCUT & REMOVE EXISTING CROSS GUTTER TO NEAREST JOINTS AND REPLACE PER SSPWC 122-2 AS NECESSARY. |
| 7. INSTALL 6" FIRE HYDRANT ASSEMBLY, PER DETAIL 3, SHEET 5 | 12. INSTALL NEW 45° MJ BEND | |
| 8. INSTALL 12" x 12" x 6" FE x MJ TEE. THRUST BLOCK PER DETAIL 1, SHEET 5 | 17. INSTALL NEW 2" BLOW-OFF PER DETAIL 7, SHEET 6 | |



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REFERENCES							
NO.	DESCRIPTION	APP.	DATE	NO.	DESCRIPTION	APP.	DATE

APPROVED BY:	76613	5/22/2017
CIVILTEC ENGINEERING, INC.	RCE	DATE
APPROVED BY:		
LA PUENTE VALLEY COUNTY WATER DISTRICT		DATE

PLANS PREPARED BY:

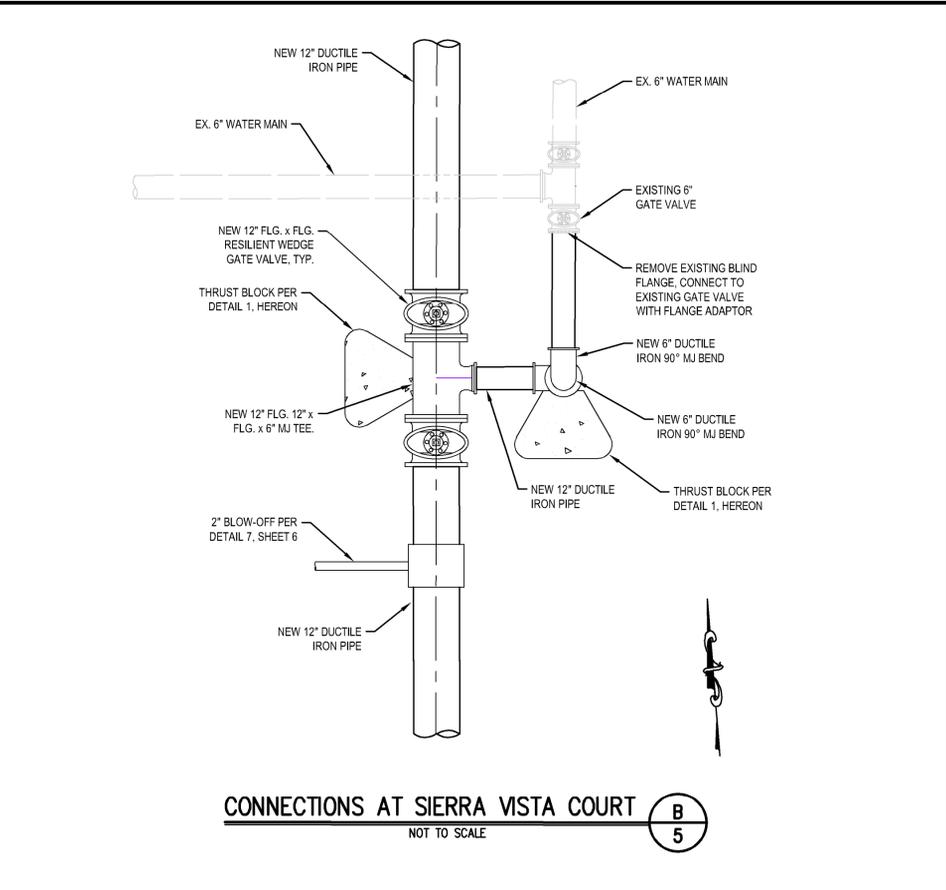
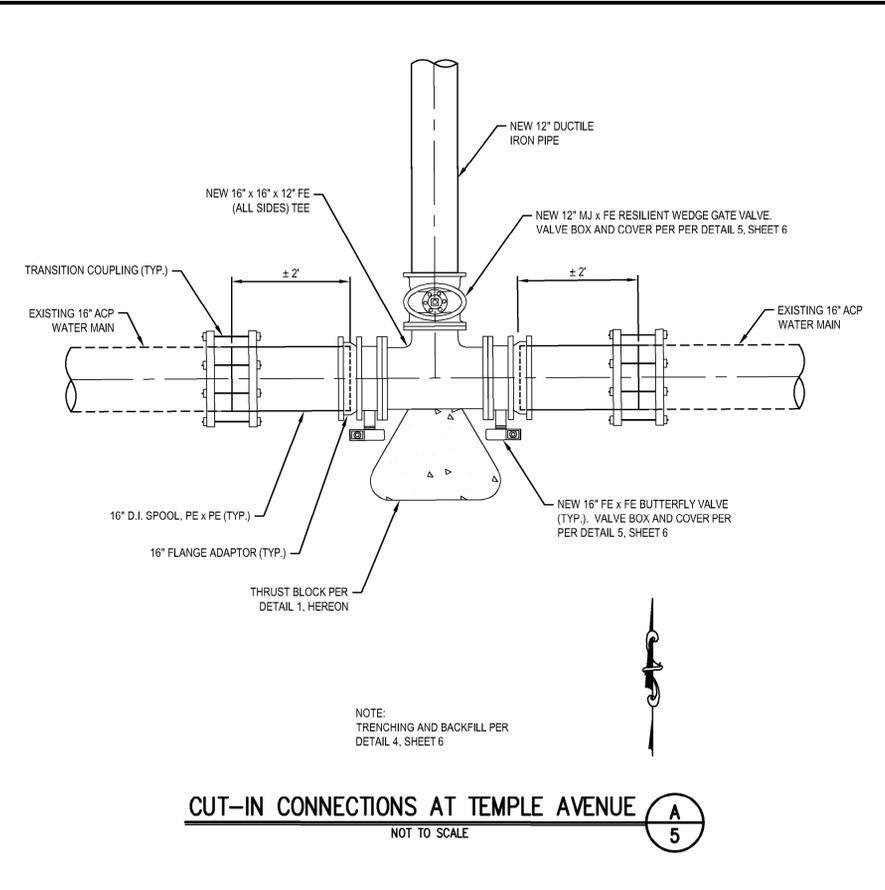
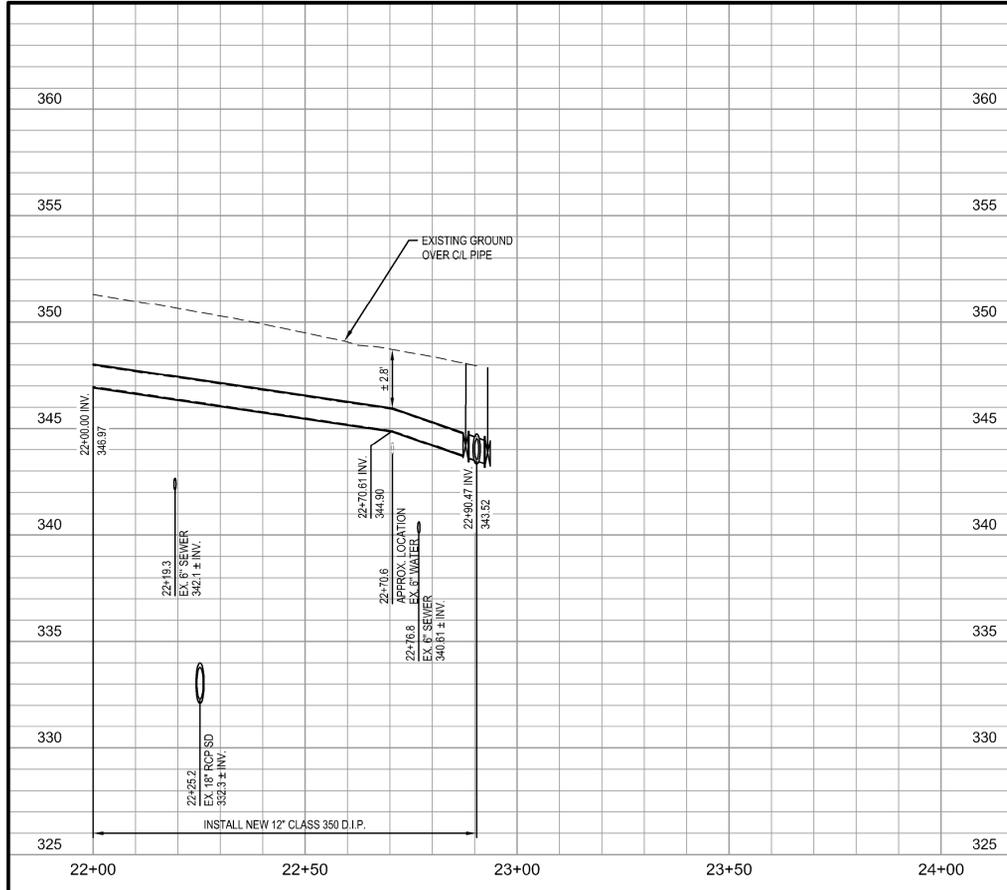
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LA PUENTE VALLEY COUNTY WATER DISTRICT
 CITY OF LA PUENTE
 DEL VALLE AVENUE - WATER MAIN IMPROVEMENTS
 WATER PLAN & PROFILE

DESIGN: SH	CHECKED: SH	DRAWN: MM
DESIGN DATE: MAY, 2017	JOB NO. 2017110.00	SHEET 4 OF 6

X:\2017\201710-00-EP-CD-DEL VALLE WATERMAIN EXTENSION\DWG\SHEETS\IMPROVEMENT PLANS\100% PLANS FOR CLUTY\03-05 WATER PLAN AND PROFILE.DWG (05-22-17 2:28:18PM)



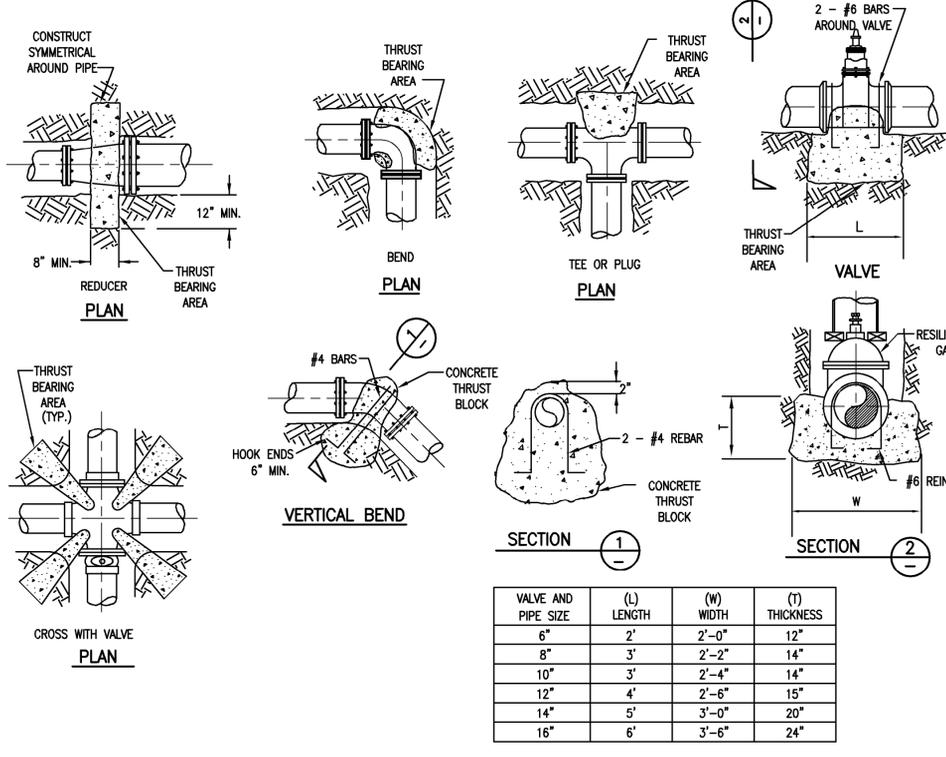
CONSTRUCTION NOTES:

- | | |
|---|--|
| 3. INSTALL NEW 12" RESILIENT WEDGE GATE VALVE, FE x MJ. VALVE BOX AND COVER PER DETAIL 5, SHEET 6 | 15. INSTALL NEW 12" RESILIENT WEDGE GATE VALVE, FE x FE WITH 2" THREADED COMPANION. |
| 5. INSTALL NEW 12" CLASS 350 DUCTILE IRON PIPE. TRENCHING PER DETAIL 4, SHEET 6. | 16. INSTALL NEW 2" BLOW-OFF PER DETAIL 6, SHEET 6 |
| 7. INSTALL 6" FIRE HYDRANT ASSEMBLY, PER DETAIL 3, SHEET 5 | 19. GRIND & OVERLAY 1.5" ARHM RUBBERIZED ASPHALT (ARHM-GG-C PER THE GREENBOOK, LATEST EDITION). |
| 14. INSTALL 12" x 12" x 10" FE (ALL SIDES) TEE. THRUST BLOCK PER DETAIL 1, SHEET 5 | 20. INSTALL NEW 10" RESILIENT WEDGE GATE VALVE, FE x MJ. VALVE BOX AND COVER PER DETAIL 5, SHEET 6 |

PROFILE SCALE
 HORIZ. 1"=20'
 VERT. 1"=4'

CUT-IN CONNECTIONS AT TEMPLE AVENUE A
 NOT TO SCALE 5

CONNECTIONS AT SIERRA VISTA COURT B
 NOT TO SCALE 5



THRUST BEARING AREA (SQUARE FEET)

PIPE SIZE	TEST PRESSURE (PSI)							
	6"	8"	10"	12"	14"	16"	18"	
90'	4.0	7.1	11.1	16.0	22.0	29.0	36.0	
45'	2.2	3.8	6.0	8.7	12.0	15.5	19.5	
22.5'	2.0	2.0	3.1	4.4	6.0	8.0	10.0	
11.25'	2.0	2.0	2.0	2.2	3.0	4.0	5.0	
PLUG	5.7	10.1	15.7	22.6	22.6	22.6	22.6	
TEE/VALVE	2.8	5.0	7.9	11.3	15.5	20.0	25.5	
CROSS *	2.8	5.0	7.9	11.3	15.5	20.0	25.5	
REDUCER	2.0	4.0	7.0	10.0	10.0	10.0	10.0	

* WITH A VALVE

TABLE(S) BASED ON SOIL BEARING VALUE OF 1500 lb. PER SQUARE FOOT.
 CALCULATIONS MUST BE SUBMITTED FOR OTHER SOIL BEARING VALUES OR OTHER TEST PRESSURE IN WATER MAIN.

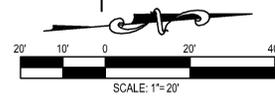
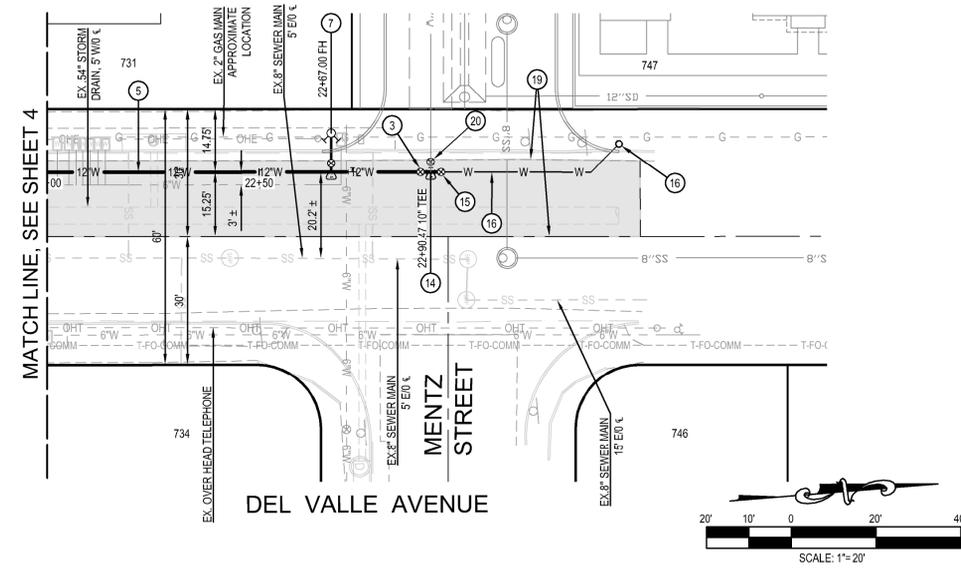
VERTICAL ANCHOR (CUBIC FEET OF P.C.C.)

PIPE SIZE	TEST PRESSURE (PSI)							
	6"	8"	10"	12"	14"	16"	18"	
90'	62	111	173	249	298	387	503	
45'	44	78	122	176	229	298	387	
22.5'	24	42	66	95	105	160	178	
11.25'	12	22	34	49	61	93	103	

- NOTES:**
- THRUST BLOCKS MUST BEAR ON UNDISTURBED SOIL.
 - CONCRETE FOR THRUST & ANCHOR BLOCKS SHALL BE OF CLASS 480-C-2000 IN ACCORDANCE WITH S.S.P.W.C. IT SHALL BE POURED (12" THICK MIN.) AGAINST UNDISTURBED SOIL. P.C.C. SHALL BE KEPT CLEAR OF PIPE & BELL OF THE FITTINGS.
 - WHEN MECHANICAL JOINTS ARE UTILIZED, SET FORMS TO SEPARATE BOLTS FROM P.C.C. TO ASSURE ACCESS TO BOLTS & JOINTS.

VALVE AND PIPE SIZE	(L) LENGTH	(W) WIDTH	(T) THICKNESS
6"	2'	2'-0"	12"
8"	3'	2'-2"	14"
10"	3'	2'-4"	14"
12"	4'	2'-6"	15"
14"	5'	3'-0"	20"
16"	6'	3'-6"	24"

CONC. THRUST BLOCK DETAIL 1
 NOT TO SCALE 5



REFERENCES

NO.	DESCRIPTION	APP.	DATE	NO.	DESCRIPTION	APP.	DATE

APPROVED BY: _____
 CIVILTEC ENGINEERING, INC. 76613 RCE 5/22/2017 DATE
 APPROVED BY: _____
 LA PUENTE VALLEY COUNTY WATER DISTRICT DATE

PLANS PREPARED BY:

 118 West Lime Avenue
 Monrovia, Ca. 91016
 Phone: (626) 357-0588
 Fax: (626) 303-7957
 Web: www.civiltec.com

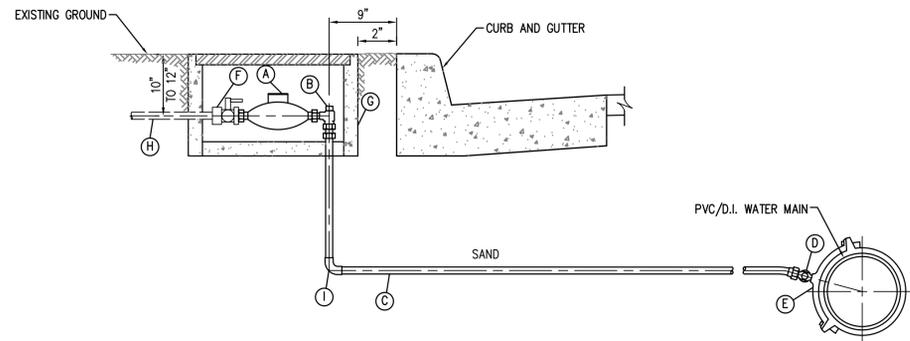
LA PUENTE VALLEY COUNTY WATER DISTRICT
 CITY OF LA PUENTE
 DEL VALLE AVENUE - WATER MAIN IMPROVEMENTS
 WATER PLAN & PROFILE AND DETAILS

DESIGN: SH CHECKED: SH DRAWN: MM
 DESIGN DATE: MAY, 2017 JOB NO. 2017110.00 SHEET 5 OF 6

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X:\2017\20171100-LP-COVID-DEL VALLE WATERMAIN EXTENSION.DWG(SHEETS)IMPROVEMENT PLANS\03-05 WATER PLAN AND PROFILE.DWG (05-22-17 2:26:18PM)



LIST OF FITTINGS

- (A) EXISTING METER (SEE NOTES AND METER AND SERVICE SIZES TABLE). RE-ORIENT AS NECESSARY AS SHOWN.
- (B) ANGLE METER STOP, MULLER H-14277 WITH CT110
- (C) 1" COPPER PIPE, TYPE "K" SOFT
- (D) 1" CORPORATION STOP, MUELLER H-14277 WITH CT110
- (E) BRONZE SADDLE, MUELLER, FORD OR JONES
- (F) SERVICE CONNECTION
- (G) J.R. 5 1/2 BOX, W/ READING LID POLY-CAST
- (H) EXISTING CUSTOMER SERVICE LINE. CONNECT NECESSARY FITTINGS TO CONNECT
- (I) 1" SWEAT JOINT COPPER QUARTER BEND

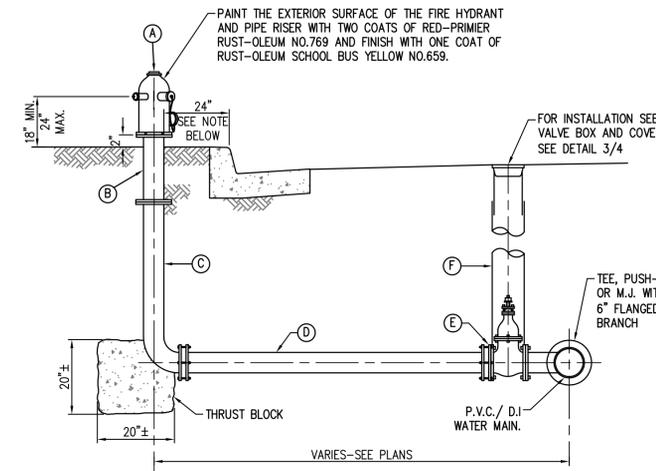
EXISTING METER NOTES:

1. ALL METER AND BOXES ARE EXISTING
2. SEE METERS & SERVICE SIZES TABLE
3. INSTALL REDUCER BASED ON EXISTING METER SIZE.

METER & SERVICE SIZES

ADDRESS	METER SIZE (In.)	NEW SERVICE (In.)	STA
637 (UNIT A)	DEL VALLE 5/8	1	14+38.78
637 (UNIT B)	DEL VALLE 5/8	1	14+40.36
639 (UNIT A)	DEL VALLE 3/4	1	14+42.82
639 (UNIT B)	DEL VALLE 5/8	1	14+43.99
641	DEL VALLE 3/4	1	15+20.70
645	DEL VALLE 5/8	1	15+56.40
657	DEL VALLE 3/4	1	16+38.62
658	DEL VALLE 3/4	1	16+33.18
667	DEL VALLE 5/8	1	17+19.23

1" SERVICE W/ OPTIONAL FIRE SYSTEM SUPPLY DETAIL 2/6
NOT TO SCALE



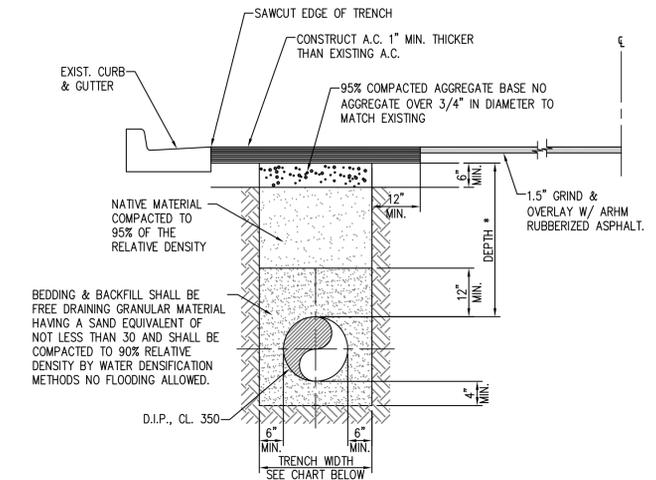
LIST OF FITTINGS:

- (A) 6" FIRE HYDRANT HEAD, JONES J-3710/3775 FOR COMMERCIAL W/ 4" & 2-1/2" OUTLETS, 8 BOLTS.
- (B) AS REQUIRED CAST IRON SPOOL, FLANGED WITH 1/4" MORTAR LINING AND BREAKAWAY GROOVE.
- (C) 6" CAST IRON BURY, MJ FITTING WITH RESTRAINT.
- (D) 6" DUCTILE IRON PIPE, PRESSURE CLASS 350, W/RESTRAINT GASKET (FIELD LOC).
- (E) 6" GATE VALVE, MJ FITTING WITH RESTRAINT.
- (F) 6" VALVE CAN AND COVER PER DETAIL 3 ON THIS SHEET.

NOTES:

1. WHEN THE SIDEWALK IS 5' WIDE OR LESS AND ADJACENT TO THE CURB, FIRE HYDRANTS, AIR RELEASE VALVE AND OTHER INSTALLATIONS THAT PROTRUDE ABOVE THE GROUND SHALL BE LOCATED BETWEEN PROPERTY LINE AND BACK OF SIDEWALK.

6" FIRE HYDRANT ASSEMBLY DETAIL 3/6
NOT TO SCALE



PIPE SIZE	4"	6"	8"	10"	12"	16"	20"	24"	30"
MAXIMUM ALLOWED TRENCH WIDTH	20"	20"	20"	22"	24"	28"	32"	36"	42"

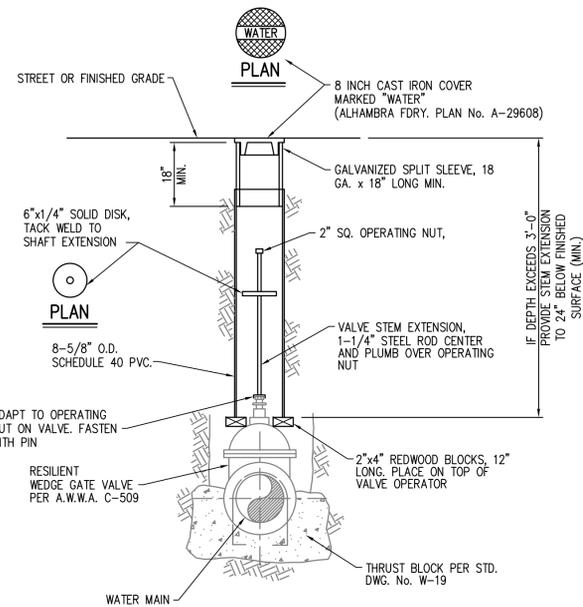
EX. PAVEMENT SECTION

STREET	CAB	ASPHALT
TEMPLE AVE.	16"	5"
DEL VALLE AVE.	7"	3"

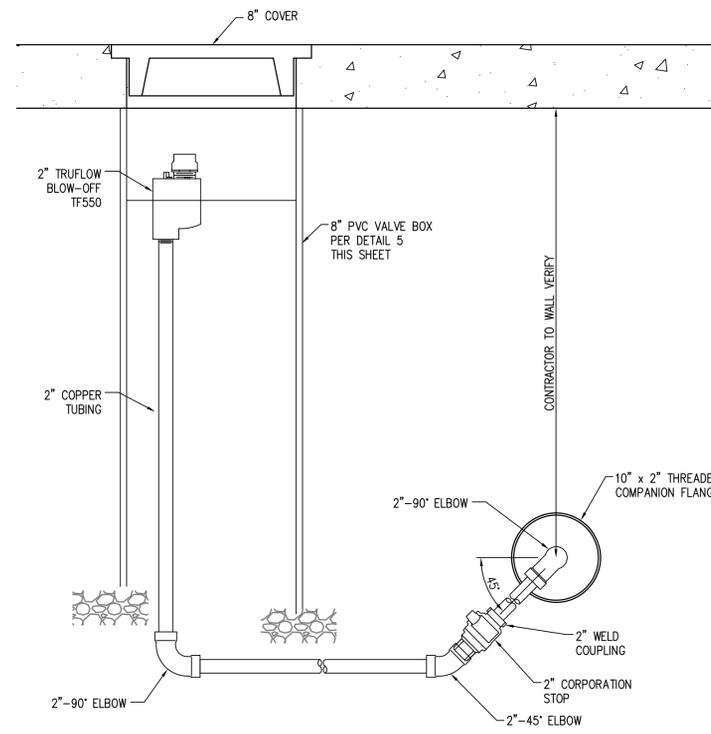
*** NOTE:**

- DEPTH OF COVER SHALL BE 36" ON RESIDENTIAL STREETS.
DEPTH OF COVER SHALL BE 48" ON ARTERIAL STREETS.

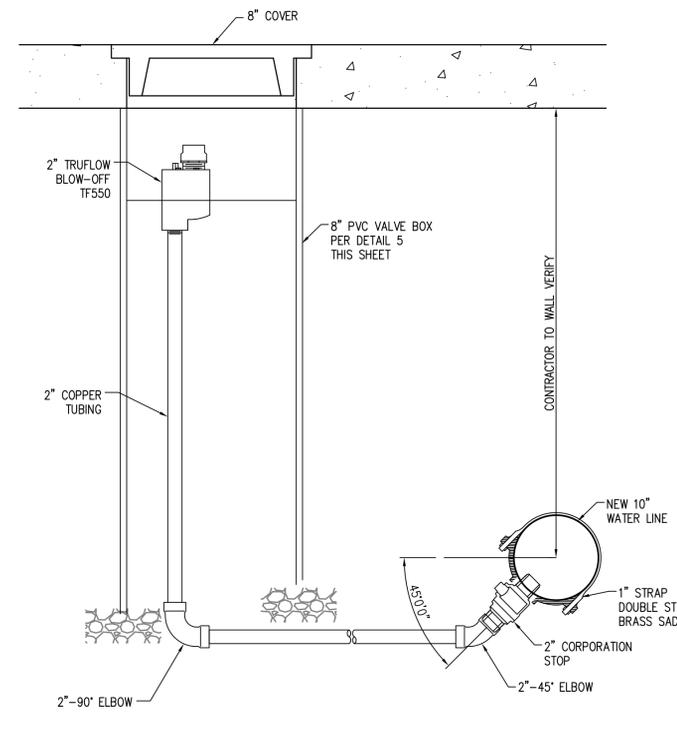
TYPICAL TRENCH DETAIL 4/6
NOT TO SCALE



VALVE BOX AND COVER DETAIL 5/6
NOT TO SCALE



2" BLOW-OFF DETAIL 6/6
NOT TO SCALE



2" BLOW-OFF DETAIL 7/6
NOT TO SCALE

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REFERENCES							
NO.	DESCRIPTION	APP.	DATE	NO.	DESCRIPTION	APP.	DATE

APPROVED BY: 76613 5/22/2017
CIVILTEC ENGINEERING, INC. RCE DATE
APPROVED BY: LA PUENTE VALLEY COUNTY WATER DISTRICT DATE

PLANS PREPARED BY: CIVILTEC engineering inc.
Civil, Water, Wastewater, Drainage, and Transportation Engineering Construction Management • Surveying California • Arizona
118 West Lime Avenue
Monrovia, Ca. 91016
Phone: (626) 357-0588
Fax: (626) 303-7957
Web: www.civiltec.com

LA PUENTE VALLEY COUNTY WATER DISTRICT
CITY OF LA PUENTE
DEL VALLE AVENUE - WATER MAIN IMPROVEMENTS
DETAILS
DESIGN: SH CHECKED: SH DRAWN: MM
DESIGN DATE: MAY, 2017 JOB NO. 2017110.00 SHEET 6 OF 6

Memo

To: Honorable Board of Directors
From: Roy Frausto, Compliance Officer/Project Engineer
Date: July 24, 2017
Re: Project Engineer's Report – June 2017



CAPITAL PROJECTS

1. LPVCWD Recycled Water Project – Staff reviewed and provided comments on the LRP application provided by Mr. John Robinson. The final revised LRP application was submitted to Upper District who in turn will submit the application to Metropolitan Water District for approval.
2. LPVCWD PVOU Project – Staff participated in conference calls and attended an onsite meeting on July 13, 2017, with SWS to discuss operational and acceptance terms of PVOU IZ treated water. The lead engineering firm for the design of the treatment plant is revising the pre-final (90%) design report to address comments from USEPA.

In regards to the IZ-West extraction well (toe well) and conveyance pipeline, LA Regional Water Quality Control Board provided acknowledgment for the discharge of untreated groundwater during the development and testing of the IZ-West extraction well, and USEPA provided conditional acceptance for the IZ-West Wellhead Design, Installation and Testing Work Plan. Conveyance pipeline construction activities continued to progress on Nelson Ave.

DEVELOPMENTS

1. LPVCWD 747 Del Valle Development – Staff met with City of La Puente staff to discuss final pavement requirements. Through this discussion, the city advised that LPVCWD will be responsible for repaving the waterline trench using a base pave compliant with the City's standard specifications. In addition, the City expressed that the developer could be the responsible party that provides the final grind and overlay (1.5" ARHM Rubberized Asphalt) to half the street.
Staff will be recommending to file a CEQA Notice of Exemption for the installation of the 12-inch waterline along with its pertinent appurtenances in Del Valle Ave.
2. Star Theatre Property – Based on preliminary design submittals, the property may be used to develop 22 units of condos. Currently, a fence is still in place to serve as a future construction barrier and no activity or request for information has been received by staff.
3. 15921 Sierra Vista Court – Staff received a notice from the City of La Puente in regards to a five condominium unit development on 15921 Sierra Vista Court. The project is tentatively scheduled to be presented to the City of La Puente's Planning Commission during their scheduled September 2017 meeting.

SPECIAL/OTHER PROJECTS

1. Air Stripper Inspection – Staff performed the annual Air Stripper Inspections on June 6, 2017. A report, enclosed herein, of the findings was drafted by staff and distributed accordingly to all parties.
2. LPVCWD Air Stripper Efficiency Evaluation – The final revised Tech Memo and Test Protocol were submitted and approved by DDW on May 31, 2017. LPVCWD staff has started the test plan to test Air Stripper #2 at lower air: water ratios.
3. LPVCWD Caustic Reduction Plan –Staff will regroup and discuss with Trussell to determine the next steps for phase 2 of the test protocol.
4. Main St. Property Retrofit –Staff is currently researching prospective design/build firms that have extensive experience with retrofitting commercial buildings.
5. Banbridge Pump Station –Staff spoke with Mr. Javier Leivanos on June 5, 2017, to discuss the District’s scope of work for the project. Staff scheduled a follow up call with Mr. Leivanos for June 28, 2017 to discuss the finalized project scope; however staff was unable to reach him on this scheduled date. The finalized scope is enclosed herein for review and comment.

FUTURE PROJECTS

1. Water System Connection Fees – Update the current policy on water system connection fees.
2. Lead Sampling for Schools – Coordinate and create a sample schedule for school lead testing for all schools within the LPVCWD and CIWS service area.
3. Water Loss Accountability – Analyze and draft an annual report to optimize water accountability and minimize water loss.
4. Recycled Water Rules and Regulations – Draft and propose a policy for the use of Recycled Water.
5. Recycled Water Phase 1 Retrofits – Coordinate with Phase 1 customers to start design of onsite retrofits.
6. AMI Transition – Plan and execute deliverables required to transition from AMR to AMI.
7. On Call Contractor Specification - Create a Specification for an On-call contractor with a 24-month agreement with an option to extend.
8. GIS System – Staff coordinated with DCSE to manage the GIS system in-house by reflecting all updates and changes on a real-time basis. Staff will schedule accordingly to start reflecting redline field data.

Enclosure(s)

- *Air Stripper Inspection Report*
- *Banbridge Pump Station Project Scope*

MEMORANDUM



To: BPOU Distribution
From: La Puente Valley County Water District
Date: 7/5/2017
Subject: **2017 Air Stripper Visual Inspection Report**

Summary

This memorandum documents the **June 06, 2017** visual inspection of La Puente Valley County Water District's (LPVCWD) Air Stripper No. 1 and No. 2 as part of the approved Baldwin Park Operable Unit (BPOU) Air Stripper Monitoring and Maintenance Plan.¹ The purpose of such visual inspections is to monitor calcification in the packed bed and pictorially document observations to provide indication of when to initiate maintenance procedures to remedy a calcification issue in the packed bed.

During the previous air stripper(s) inspection on June 08, 2016, a "clean" overall Inspection Report was documented by LPVCWD. LPVCWD then continued with a 12-month frequency schedule to visually inspect the packed beds per Section 3.7.2 of the BPOU Air Stripper Monitoring and Maintenance Plan.

Enclosure 1 and **Enclosure 2** provide a visual evaluation (via photographs) of each respective Air Stripper and **Enclosure 3** provides a side-by-side historical timeline of past inspections to identify/monitor changes or trends over time.

The inspection was performed by LPVCWD staff along with the assistance of RC Foster Corporation (Foster). Observations noted by LPVCWD's staff during the visual inspection are provided under the *Findings* section of this Inspection Report.

Background

Air Stripper No. 1 treats approximately 1,000 gallons per minute (gpm) and operates at an Air: Water ratio of roughly 40: 1. In March 2014, Air Stripper No. 1's packing material was replaced with new 2" diameter Hiflow ring packing.

Air Stripper No. 2 treats approximately 1,500 gpm of water and operates at an Air: Water ratio of roughly 60:1. In February 2014, Air Stripper No. 2's packing material was replaced with new 2" Jaeger Tri-packs packing.

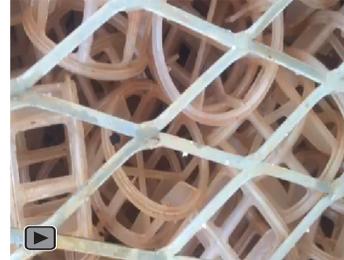
¹ Stetson Engineers, Inc., 2008. Baldwin Park Operable Unit, Air Stripper Monitoring and Maintenance Plan for La Puente Valley County Water District, San Gabriel Valley Water Company, Valley County Water District, and California Domestic Water Company. January 2008. Updated August 2008.

Findings

Air Stripper No. 1 (Figure 1)

(a) *Bottom sump:* The bottom sump is clean. No calcified material was suspended or resting on the floor bottom, however a small amount of sand was noted on the floor bottom.

(b) *Bottom of packing:* Looking from Manway 2, the packing has a slight brown color tint. Through physical inspection, the packing was freely moving and not sticking together (see clip).



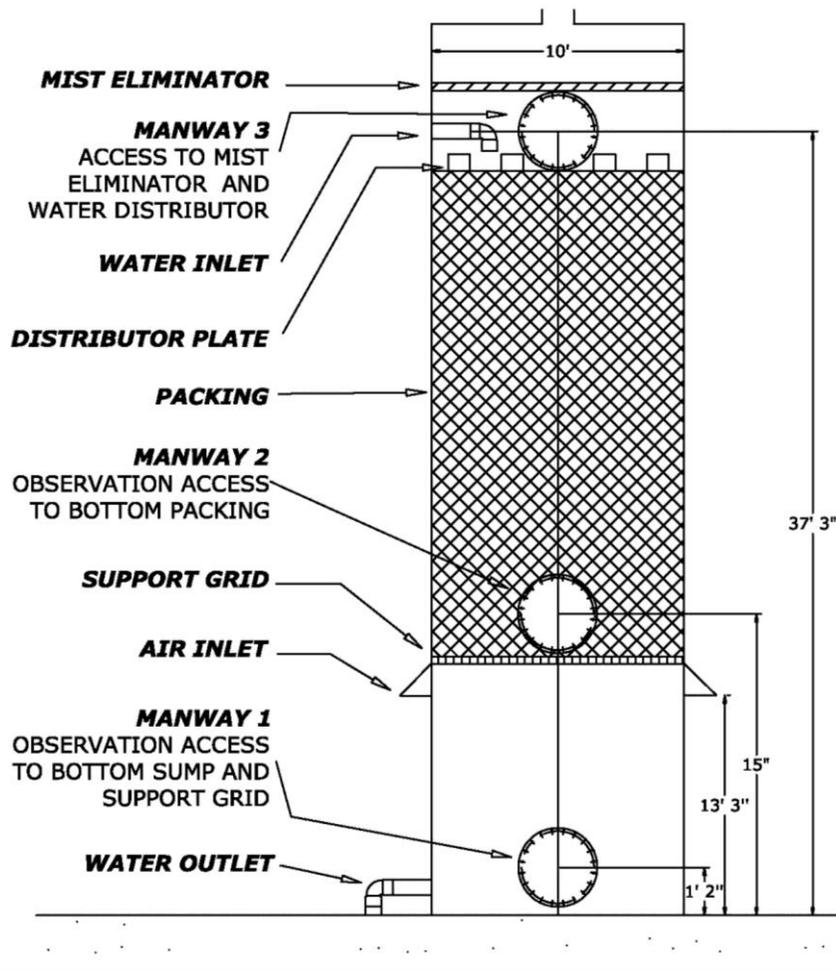
(c) *Bottom Support Grid:* Support grid appears clean and free of calcification and scaling.

(d) *Top of Packing:* Looking down from inside the distribution plate, the packing looks clean, white in color with no signs of calcification.

(e) *Mist Eliminator:* The mist eliminator is clean throughout most of the area, however small calcified areas were noted.

(f) *Distribution Plate:* Distribution plate is clean and free of debris and/or particles.

Figure 1 – Air Stripper #1



Air Stripper No. 2 (Figure 2)

(a) *Bottom sump:* The bottom sump is clean. No calcified materials are suspended or lying on the floor, however a noticeable amount of sand was noted on the floor bottom.

(b) *Bottom of packing:* Looking from Manway 2, the packing has tints of slightly brown to brown in color. Through physical inspection, the packing was freely moving and not sticking together (see clip).



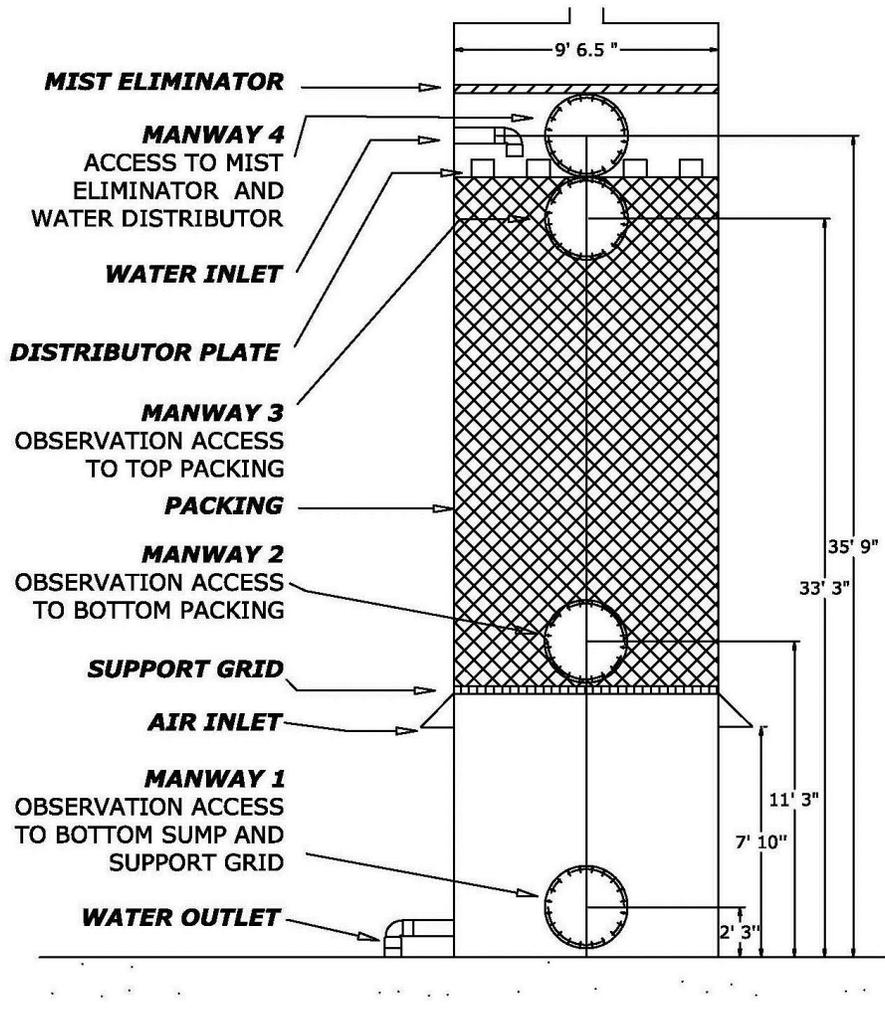
(c) *Bottom Support Grid:* Support grid appears clean and free of calcification and scaling.

(d) *Top of Packing:* Looking from Manway 3, the packing looks clean, white in color with no signs of calcification.

(e) *Mist Eliminator:* The mist eliminator is clean throughout most of the area, however small calcified areas were noted.

(f) *Distribution Plate:* Distribution plate is clean and free of debris/ particles.

Figure 2 – Air Stripper #2



Water Quality

Acknowledging the general mineral characteristics of water, Calcium deposits (calcification) may develop over time causing restrictions in water and air flow, thereby reducing the overall performance/efficiency of the Air Stripping system. Mass balance calculations of Calcium and Total Dissolved Solids (TDS) through influent and effluent water quality sample results are shown in **Table 1** below.

Table 1 – Mass Balance Calculation

Date	Calcium Levels (mg/l)				TDS Levels (mg/l)			
	Air Stripper No. 1		Air Stripper No. 2		Air Stripper No. 1		Air Stripper No. 2)	
6/5/17	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
	64.2	62.1	62.8	62.7	320	320	330	330
	Mass Balance							
	2.1		0.1		0		0	

The mass balance calculations for Calcium and TDS demonstrate no significant change in levels of concentration from the influent and effluent water.

Per the BPOU Air Stripper Monitoring and Maintenance Plan (revised Dec. 2009), water quality monitoring of the air strippers is conducted annually concurrently with the annual visual inspections. **Enclosure 4** provides the historical and current water quality data results for samples taken during the inspection in tabular form.

Conclusion

Based on the visual inspection performed on June 06, 2017, the components of Air Stripper # 1 and # 2 (packing, mist eliminator, distributor plate, and support grid) appeared clean. Packing near the bottom of both air strippers appeared slightly brownish in color (with some localized tints of brown), an indication of potential iron oxidation.

To ensure Air Stripper efficiency, LPVCWD monitors Volatile Organic Compounds (VOC's) weekly as required by the CA State Water Resources Control Board (Permit #1910060PA-002). In addition, mass balance of Calcium and Total Dissolved Solids (TDS) is analyzed through water quality sample results to estimate calcification loading/fouling. As previously mentioned, no significant difference between sample results from TDS and Calcium at the inlet and outlet were observed.

The next visual inspection should be scheduled in the next 12 months to continue to monitor a potential calcification issue.

Distribution

Greg Galindo, LPVCWD
Cesar Ortiz, LPVCWD
Roy Frausto, LPVCWD
Gina Herrera, LPVCWD
Kelly Gardner, Watermaster
Tony Zampello, Watermaster
Ken Manning, WQA
Randy Schoellerman, WQA
Catherine R. Riegle, CR
Frederick Tolhurst, CR
Greg Murphy, CR
John Catts, CR

John Cermak Jr., CR
Maria Makowiecki, CR
Martha Connell, CR
Michael Couitt, CR
Phil Perley, CR
Scott Goulart, CR
Sonja Inglin, CR
Teke Taylor, CR
Victoria Warren, CR
Jes Warren, CR
Steve Johnson, Stetson
Sammy Lo, Stetson
John Cardoza, Stetson
Wayne Praskins, EPA

ENCLOSURE 1

**AIR STRIPPER #1
VISUAL INSPECTION
JUNE 06, 2017**

LPVCWD AIR STRIPPER NO. 1 VISUAL INSPECTION

No.	Description	Date	<i>Bottom Sump</i>	<i>Bottom of Packing</i>	<i>Bottom Support Grid</i>
1	Visual Inspection	6/6/2017			
	COMMENTS:			Clean w/small amounts of sand noted	Clean w/slight brown color
1	Visual Inspection	6/6/2017			
	COMMENTS			Clean	Clean w/small calcified areas noted

ENCLOSURE 2

AIR STRIPPER #2
VISUAL INSPECTION
JUNE 06, 2017

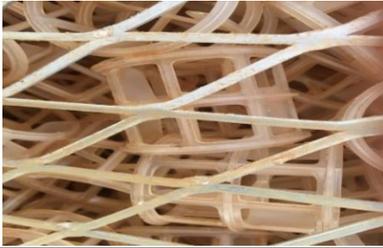
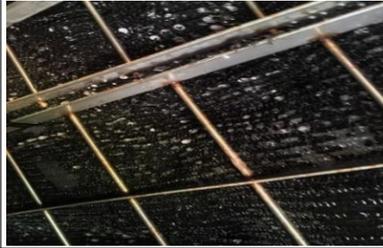
LPVCWD AIR STRIPPER NO. 2 VISUAL INSPECTION

No.	Description	Date	Bottom Sump	Bottom of Packing	Bottom Support Grid	
1	Visual Inspection	6/6/2017	<i>Bottom Sump</i>	<i>Bottom of Packing</i>	<i>Bottom Support Grid</i>	
						
	COMMENTS:			Noticeable amount of sand on floor bottom	Clean w/slight brown to brown in color	Clean and free of calcification
	Visual Inspection	6/6/2017	<i>Top of Packing</i>	<i>Mist Eliminator</i>	<i>Distributor Plate</i>	
						
COMMENTS			Clean	Clean w/ small localized calcification	Clean	

ENCLOSURE 3

**AIR STRIPPER #1 AND # 2
SIDE-BY-SIDE
HISTORICAL TIMELINE
OF PAST INSPECTIONS**

LPVCWD Air Stripper No. 1 - Visual Inspection History

No.	Description	Data	Bottom Sump	Bottom of Packing	Bottom Support Grid	Top of Packing	Mist Eliminator	Distributor Plate
1	Inspection Date:	6/8/2016						
	Comments:							
2	Inspection Date:	4/15/2015			No Photo	No Photo		
	Comments:		Very Clean	Packing looks clean and slightly brownish in color.			Very Clean	Very Clean
March 2014 - New packing installed.								
3	Inspection Date:	1/17/2013			No Photo	No Photo		
	Comments:		Very Clean	Packing looks dark brown in color with some scale.			Very Clean	Very Clean
4	Inspection Date:	1/31/2012			No Photo	No Photo		
	Comments:		Very Clean	Packing looks dark brown in color with some scale			Very Clean	Very Clean
No.	Description	Data	Bottom Sump	Bottom of Packing	Bottom Support Grid	Top of Packing	Mist Eliminator	Distributor Plate
5	Inspection Date:	2/1/2011			No Photo	No Photo		
	Comments:		Very Clean	Packing looks dark brown in color with some scale			Very clean. New mist eliminator installed in January 2010	Very Clean

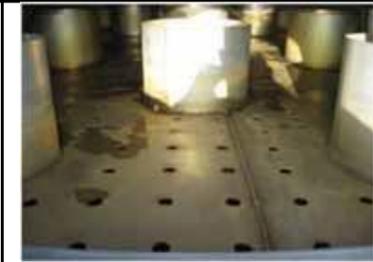
January 2010 - New mist eliminator installed.

6	Inspection Date:	1/28/2010	No Photo		No Photo	No Photo		
	Comments:	Very Clean						
7	Inspection Date:	12/3/2008	No Photo		No Photo	No Photo		
	Comments:	Very Clean						
8	Inspection Date:	11/7/2007	No Photo		No Photo	No Photo		No Photo
	Comments:	Clean.						

LPVCWD Air Stripper No. 2 - Visual Inspection History

No.	Description	Data	Bottom Sump	Bottom of Packing	Bottom Support Grid	Top of Packing	Mist Eliminator	Distributor Plate
1	Inspection Date:	6/8/2016						
	Comments:							
2	Inspection Date:	4/15/2015						
	Comments:		Clean with little deposits.	Packing looks clean and slightly brownish in color.	Support grid looks clean.	Packing material looks clean with no calcifications.	Very cleans.	Clean.
February 2014 - New packing installed.								
3	Inspection Date:	1/17/2013						
	Comments:		Clean with little deposits.	Medium calcification.	Some signs of calcification in the packing material.	Packing material looks brown in color with no calcium carbonate scale.	Very clean.	Clean.
4	Inspection Date:	1/31/2012			No Photo	No Photo	No Photo	No Photo
	Comments:		Clean with little deposits.	Medium calcification.	Some signs of calcification in the packing material.	Packing material looks brown in color with no calcium carbonate scale.	Very clean.	Clean.
No.	Description	Data	Bottom Sump	Bottom of Packing	Bottom Support Grid	Top of Packing	Mist Eliminator	Distributor Plate
5	Inspection Date:	2/1/2011						
	Comments:		Clean with little deposits.	Light to medium calcification.	Some signs of calcification in the packing material.	Packing material looks brown in color with no calcium carbonate scale.	Very clean. New mist eliminator installed in January 2010.	Clean.

January 2010 - New mist eliminator installed.

6	Inspection Date:	1/28/2010						
	Comments:		Clean with very little or no deposits.	Light to medium calcification.	Some signs of calcification in the packing material.	Packing material looks brown in color with no calcium carbonate scale.	The mist eliminator was loaded with carbon dust along with calcified material. A new mist eliminator was being installed.	Distributor has carbon particles on it. The air stripper was undergoing replacement of the mist eliminator and the carbon particles on the distributor plate could have been the result of the work on the air stripper.
7	Inspection Date:	12/3/2008						
	Comments:		Clean with very little or no deposits.	Packing looks dark brown in color with little deposits of calcium carbonate.	No comments available.	Packing material looks dark brown in color with no calcium carbonate scale.	Some calcification on mist eliminator.	No comments available.
8	Inspection Date:	11/7/2007						
	Comments:		Clean.	Light scaling on packing.	Light scaling.	Light brown in color with little or no calcification.	Clean.	Clean.

ENCLOSURE 4

WATER QUALITY DATA

Air Stripper Water Quality Data
La Puente Valley County Water District

Sampling Date	Alkalinity as CaCO3 (mg/l)				Chloride (mg/l)				Nitrate as N (mg/l)				Sulfate (mg/l)				Lab pH				Field pH				Field Temperature (°C)				
	Inflow		Outflow		Inflow		Outflow		Inflow		Outflow		Inflow		Outflow		Inflow		Outflow		Inflow		Outflow		Inflow		Outflow		
	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	
	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	
11/08/07 ⁽¹⁾	130	122	150	140	22	25	22	25	6.5	5.1	6.4	5.1	35	37	35	36	--	--	8.20	8.25	7.59	7.56	8.20	8.27	19.6	20.1	19.1	19.4	
08/25/08	160	160	160	160	23	26	23	26	6.6	5.4	6.6	5.4	--	--	--	--	7.85	7.80	8.2	8.26	7.55	7.38	8.05	8.0	20.8	21.4	20.9	20.7	
12/02/08	160	160	160	160	20	23	20	23	6.0	5.1	6.0	5.1	35	38	36	38	7.83	7.81	8.18	8.24	7.80	7.70	8.2	8.3	16.6	17.6	17.9	16.9	
03/25/09	160	160	160	160	25	27	25	25	5.7	5.7	5.6	5.7	36	37	36	37	7.88	7.85	8.23	8.25	7.7	7.6	8.3	8.2	18.5	16.7	19.5	15.8	
06/24/09	160	160	160	150	27	27	27	27	6.3	6.3	6.3	6.3	40	40	40	39	8.26	8.32	7.83	7.78	8.3	8.3	7.7	7.9	18.9	19.2	22.6	18.5	
09/28/09	160	160	150	150	27	28	29	27	6.1	6.0	6.3	6.0	38	38	39	38	7.84	7.85	8.25	8.32	7.7	7.7	8.1	8.2	19.4	20.4	19.2	19.8	
01/18/11	170	170	170	170	22	28	22	27	7.0	6.1	7.5	6.1	38	40	38	39	7.70	7.67	8.00	7.94	7.8	7.8	8.4	8.3	19.3	19.7	19.0	19.1	
01/19/12	160	160	160	160	29	29	28	29	7.0	6.8	7.0	7.0	43	43	43	43	7.60	7.60	7.95	8.20	7.6	7.6	8.1	8.2	18.7	18.6	18.5	17.7	
01/15/13	170	170	170	180	24	25	25	25	6.6	6.6	6.6	6.6	39	39	40	40	7.2	7.54	8.13	8.18	7.61	7.55	8.45	8.45	15.8	16.9	15.8	16.3	
04/20/15 ⁽³⁾	180	180	180	180	27	26	26	26	6.8	7.0	6.8	6.8	44	44	44	44	7.79	7.82	8.25	8.29	7.6	7.5	8.0	8.1	19.9	20.4	19.6	19.9	
06/21/16 ⁽³⁾	170	170	170	170										41	41	41	41	7.73	7.71	8.17	8.22	7.3	7.6	8	8.1	21.4	20.5	21.3	20.4
6/5/2017	160	160	160	160	24	24	24	24	7.2	7.3	7	7.3	44	44	43	44	7.87	7.88	8.22	8.36	7.5	7.6	7.5	8	21.9	20.7	21.5	20.6	

Air Stripper Water Quality Data
La Puente Valley County Water District

Sampling Date	Calcium (mg/l)						Magnesium (mg/l)				Iron (mg/l)				TDS (mg/l)						Langelier Index (Calculated), Inflow		Calcium Carbonate Precipitation Potential (Calculated), Inflow			
	Inflow		Outflow		Mass Balance (In-Out)		Inflow		Outflow		Inflow		Outflow		Inflow		Outflow		Mass Balance (In - Out)							
	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2
	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2	No. 1	No. 2
11/08/07 ⁽¹⁾	56	56	56	55	0.0	1.0	12	13	12	12	<0.040	<0.040	<0.040	<0.040	410	402	410	400	0.0	2.0	0.05	-0.01	1.13	-0.34		
08/25/08	59	58	57	60	2.0	-2.0	14	14	14	14	<0.040	<0.040	<0.040	<0.040	290	310	310	320	-20.0	-10.0	0.16	-0.01	5.54	-0.55		
12/02/08	58	61	60	59	-2.0	2.0	15	15	15	15	<0.040	<0.040	<0.040	<0.040	300	300	300	310	0.0	-10.0	0.34	0.28	9.34	8.42		
03/25/09	59	57	59	59	0	-2	14	14	14	14	<0.040	<0.040	<0.040	<0.040	310	310	310	310	0	0	0.27	0.13	8.19	4.26		
06/24/09	61	60	59	61	2	-1	15	15	14	15	<0.040	<0.040	0.075	<0.040	300	300	300	310	0	-10	0.9 ⁽²⁾	0.89 ⁽²⁾	17.92 ⁽²⁾	17.78 ⁽²⁾		
09/28/09	59	59	59	58	0	1	14	14	14	14	<0.040	<0.040	<0.040	0.050	300	300	300	300	0	0	0.29	0.30	8.66	9.09		
01/18/11	56	58	56	58	0	0	13	14	13	14	<0.010	<0.010	<0.010	<0.010	360	370	350	370	10	0	0.38	0.40				
01/19/12	62	61	61	60	1	1	14	15	14	14	<0.010	<0.010	<0.010	<0.010	280	280	280	280	0	0	-0.19	-0.20				
01/15/13	59.6	60	59.8	60	-0.2	0	15	14.9	15.1	15	<0.1	<0.1	<0.1	<0.1	290	300	290	290	0	10						
04/20/15	62	62	62	62	-0.1	0.3	14	14	14	14	<0.100	<0.100	<0.100	<0.100	320	320	310	320	10	0						
06/21/16 ⁽³⁾	61.5	61.8	61.2	61.1	0.3	0.7								320	330	330	330	-10	0							
6/5/2017	64.2	62.8	62.1	62.7	2.1	0.1	14.8	14.4	14.3	14.4	<0.010	<0.010	<0.010	<0.010	320	330	320	330	0	0	0.483	0.463	12.3	12.3		

(1) Inflow concentrations based on Well Data.

(2) The pH for the inflow and outflow samples appears anomalous and the samples may have been accidentally switched, resulting in the apparent anomaly in the calculated LSI and CCPP. Subsequent data collected appear to confirm the data anomaly.

(3) Samples collected by La Puente Valley County Water District.

CaCO3 = calcium carbonate mg/l = milligrams per liter

N = nitrogen

°C = degrees Celsius

TDS = total dissolved solids

 = Current Year

Project Scope

Composed by: Roy Frausto, Compliance Officer/Project Engineer

Date: June 30, 2017

Re: **Zone 3 (Banbridge) Booster Station Improvements**



Objective

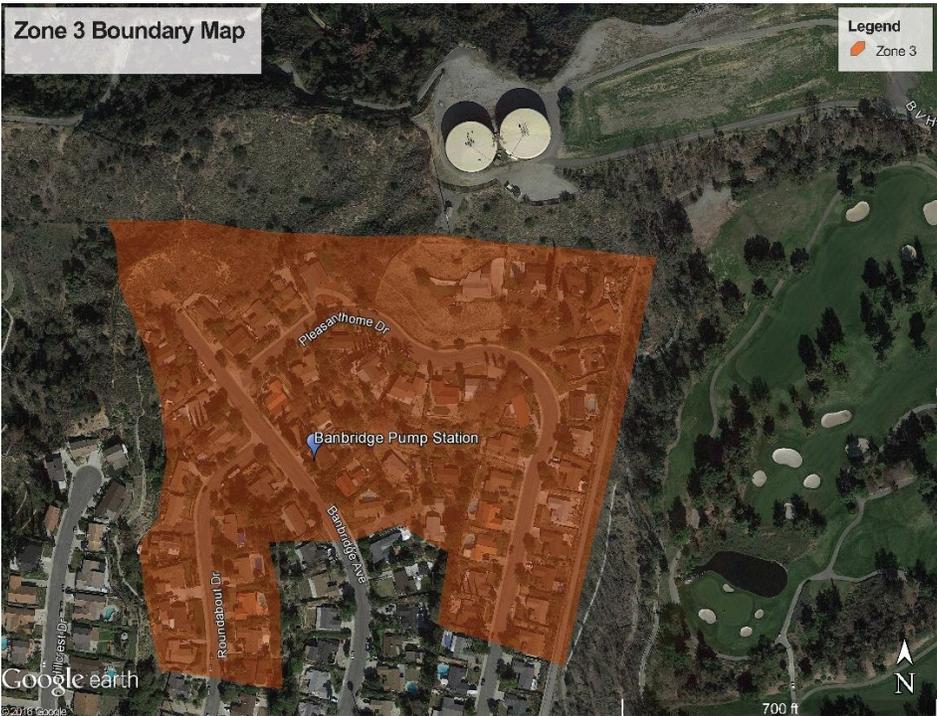
The La Puente Valley County Water District (District) has monitored the performance and age of the Zone 3 booster pump station (Pump Station) and determined that the pumps at the Pump Station are outdated and need replacement. Currently, the Pump Station consist of a hydro-pneumatic tank and two pumps housed in a concrete vault located in the vicinity of 122 Banbridge Avenue.

The purpose of this document is to identify the required upgrades and generate a project scope for the Pump Station project. In addition, upgrades to affected right-of-way areas and neighboring properties will be identified and considered.

Existing Pump Station

The Pump Station was constructed in 1963 and was originally designed to serve 52 properties as shown in **Figure 1**.

Figure 1 – Zone 3 Boundary Map



The capacity of the existing pump station is summarized in **Table 1** below:

Table 1 – Banbridge Booster Station Capacity

Booster Station	Booster Pump Designation	Suction Zone	Discharge Zone	Horse Power	SCE Efficiency Test/Year	Capacity (gpm)	Total Head (ft.)	Design Flow (gpm)	Design Head (ft.)
Pressure Zone 3 (PZ 3)	Booster 1	PZ 2	Industry Hills Tanks	10	Yes/2013	200	127	270	127
	Booster 2	PZ 2	Industry Hills Tanks	40	Yes/2013	620	131	680	133

◆ ***Evaluation of Current Pump Station Operations***

There are two booster pumps at the Booster Station which currently discharge to the Industry Hills reservoir. Historically, the booster pumps were used to serve 52 properties, however after completing a Capital Improvement Project in 2012 consisting of piping improvements, the 52 customers are now served using the Industry Hills Reservoirs via gravity feed. The primary purpose of the Pump Station now is to supply water directly to the Industry Hills Reservoir during off peak hours to replenish water used on a routine basis. Currently, the pump station is “off” for extended periods of time and is utilized in a fashion where only one pump is activated to replenish the water used from the reservoirs.

Given the current use of the Pump Station, the sizing of pumps will be based on historical average flows used to replenish the Industry Hills Reservoirs in conjunction with the Maximum Day Demand (MDD) for Zone 3, and with a minimum flow rate of 200 gpm to ensure proper metering of water delivered through an existing 8-inch meter.

◆ ***Evaluation of Pump Station Condition***

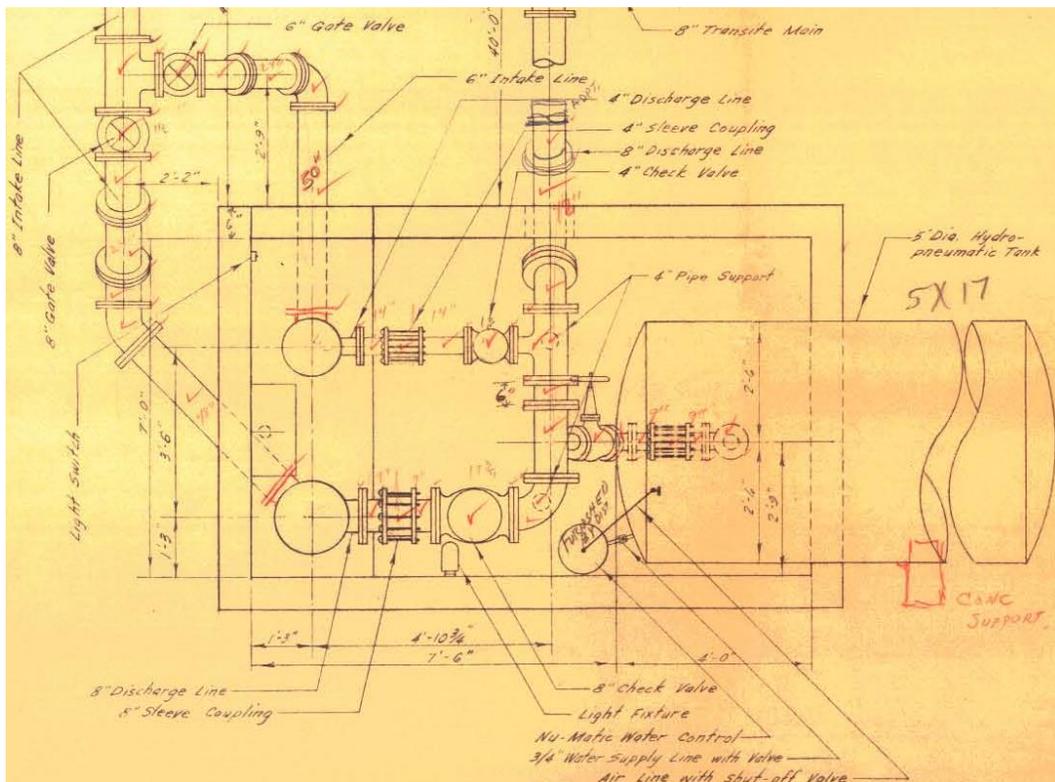
As previously mentioned, the Pump Station is located in the vicinity of 122 Banbridge as shown in **Figure 2**.

Figure 2 – Banbridge Pump Station Location



The Pump Station was constructed in 1963 to primarily serve a new tract of homes that were conjunctionally being built. Based on available records, **Attachment 1** shows the as-built drawings of the Pump Station. Analyzing the current layout of the Pump Station as shown in **Figure 3** and comparing it to the current operational needs, the Pump Station no longer requires the need of the hydro-pneumatic tank, the existing piping, and the existing pumps and motors.

Figure 3 – Current Pump Station Layout



◆ **Proposed New Pump Station Total Dynamic Head (TDH)**

The elevation of the proposed pump station is approximately 550' above mean sea level (AMSL), and the approximate elevation of the Industry Hills Reservoirs is 775' AMSL. Note that the proposed pump station is located at the 660' Hydraulic Grade Zone (HGL) of LPVCWD's distribution system. Suction losses will be assumed to be 5 psi. The required TDH to deliver water to the Industry Hills Reservoirs 775' zone is shown below:

$$\text{Pressure Head: } 550' - 660' = -110\text{ft.}$$

$$\text{Head/Suction Losses} = 12 \text{ ft.}$$

$$\text{Elevation Head: } 775' - 550' = 225 \text{ ft.}$$

$$\text{Total Dynamic Head: } -110' + 12' + 225' = 127 \text{ ft.}$$

Factoring in a 10% contingency, a **TDH of 140 feet** will be used to appropriately size a motor.

◆ *Proposed Motor Size*

Having calculated a TDH of 140 feet, the motor will be sized to adequately support a maximum design flow rate of 300 gpm with an assumed motor and pump assembly efficiency of 70%. Based on the variability of flow, the pump station envisioned will consist of a variable speed pump having an optimum curve efficiency at 300 gpm. Based on this analysis, the required Motor Size for each pump is calculated below:

$$\text{Brake Horse Power: } \frac{300 \text{ gpm} * 140 \text{ ft.}}{3960 * 0.7} = \mathbf{15.15}$$

Per the above calculation and factoring a 25% contingency, pumps will be utilized with a motor horsepower rating of **20 HP**.

◆ *Evaluation of Electrical Feed*

The current Edison feed at the LPVCWD Banbridge Pump Station site is composed of a 480 volt, 100-amp service. The pump station is equipped with 2 breaker control panels, both 480 volts, one 100 amps, and the other 15 amps.

Based on the proposed motor size of 20 HP, the estimated required power for the proposed pump station will require a 460/3/60 supply service. Using a “rule of thumb” calculation for 3-phase, 460 volt motors, the calculation below describes the estimated rated current for the pump station:

$$20 \text{ HP} * (1.25 \text{ amps/HP}) = 25 \text{ amps}$$

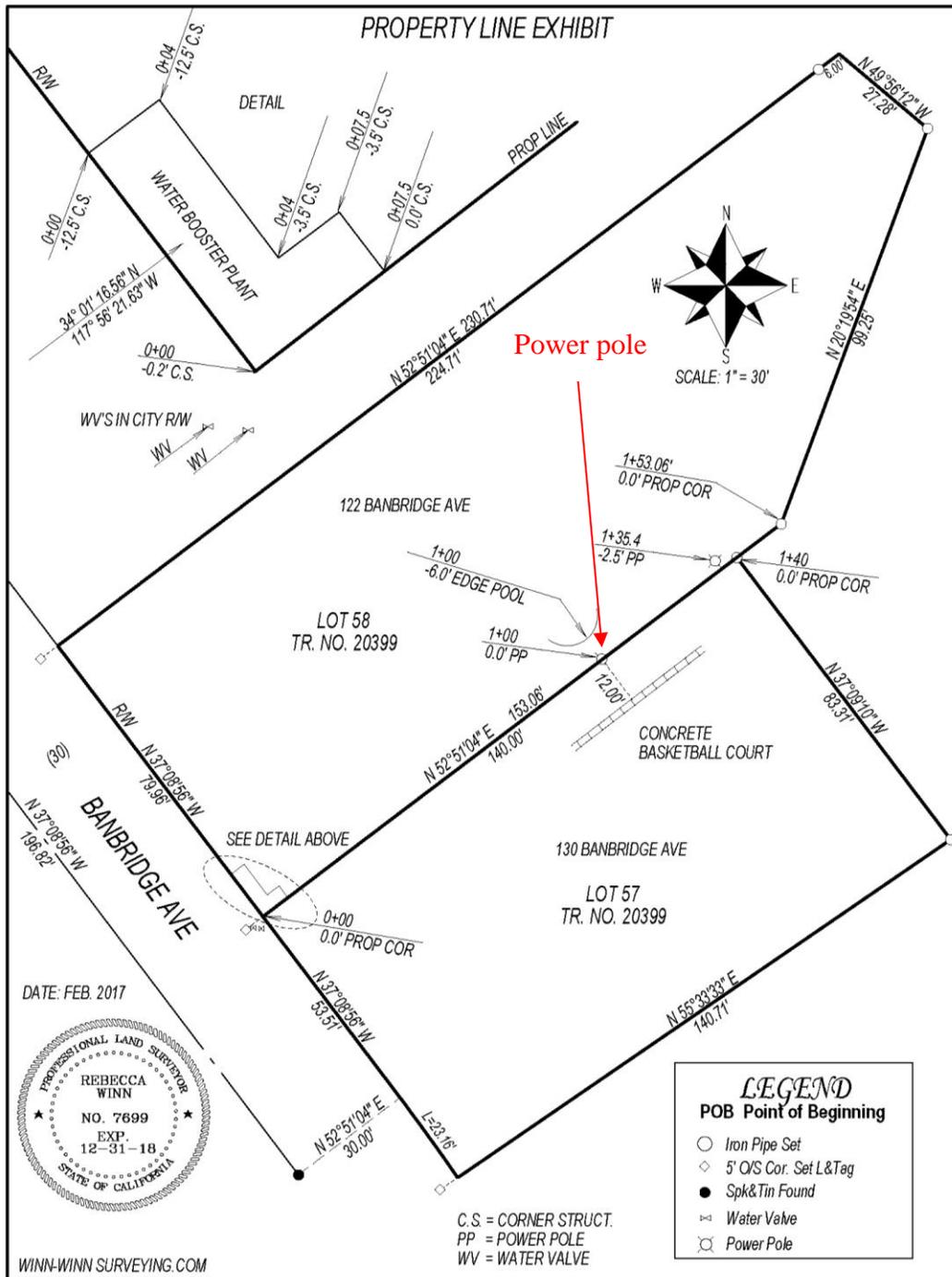
$$\text{Total Estimated Rated Current: } 25 \text{ amps} = 25 \text{ amps}$$

Using a 25% contingency, the total estimated rated current required is **30 amps**. Given the current amperage feed capacity, the proposed pumps can be operated without exceeding the trip amperage rate of 100 amps.

The 480-service source is located on a power pole located on the south-east property line (backyard, adjacent to 130 Banbridge) of 122 Banbridge as shown in the property line Exhibit in **Figure 4**. The Edison meter is located on the pole and the service extends downward and runs underground towards the location of the existing pump station. Based on the age of the electrical conduit, the supply lines (after the meter) will be replaced along with the conduit up to the point of connection to the proposed pump station.

A detailed electrical plan will be procured by licensed electrical engineer to design the new service line, conduit requirements, and electrical panels to feed a proposed Variable Frequency Drive (VFD) unit and the proposed pump to be located in an underground vault within the public-right-of-way.

Figure 4 – Property Line Exhibit

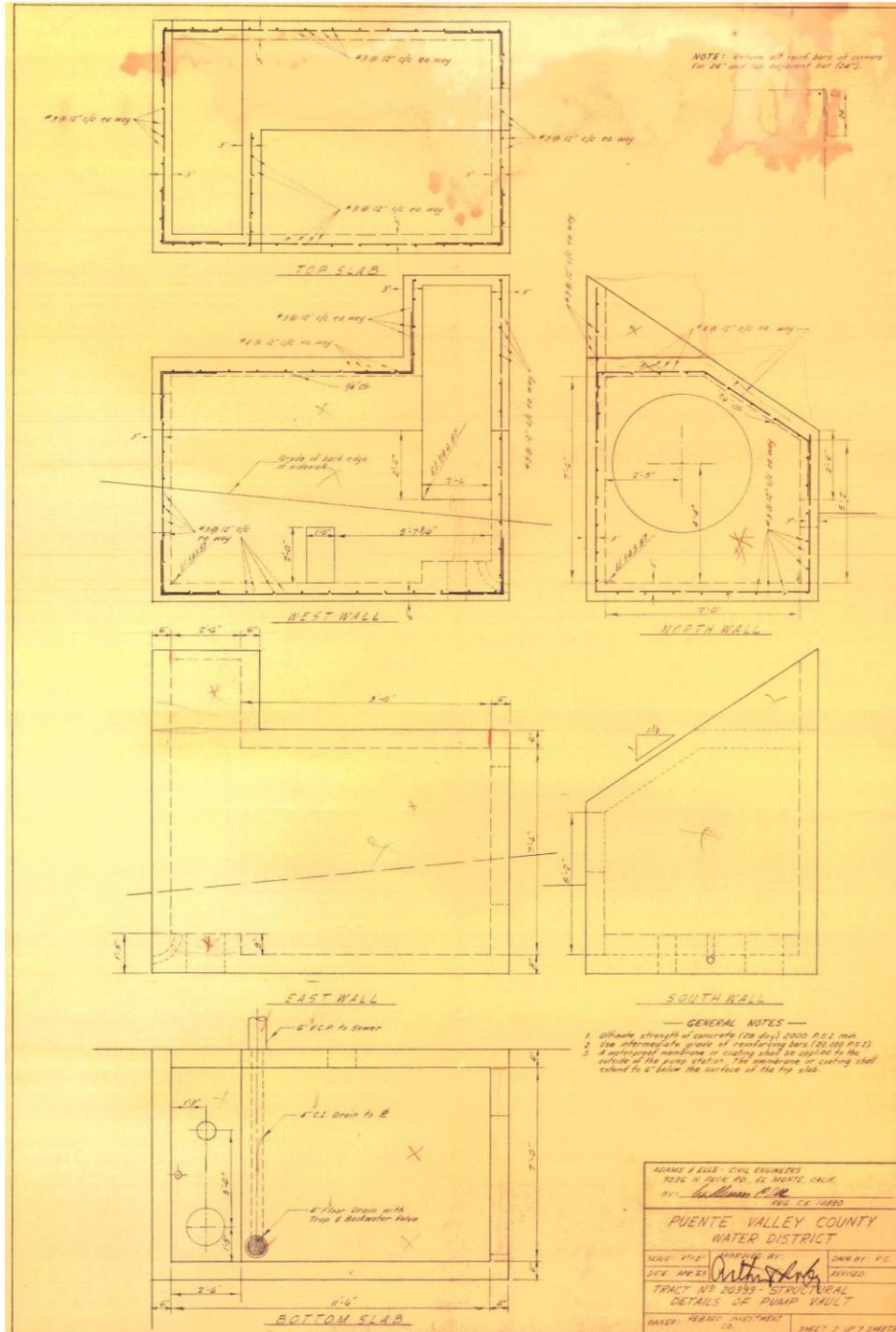


💧 **Building Structure Removal**

The building structure that houses the existing pump station, as shown in **Figure 5**, is composed of concrete construction with reinforcement bars. The perimeter of the structure is partially enclosed with dirt material (which can be noted in **Figure 2**) and was designed to accommodate

the geotechnical characteristics of the properties hillside. In addition, the structure's perimeter is surrounded by palm trees owned by the current property owner of 122 Banbridge. After a discussion with the property owner in regards to the palm trees, a mutual agreement was reached to remove the palm trees without the need to replace them at the District's expense.

Figure 5 – Existing Housing Structure



The following items encompass the anticipated task required to remove the existing structure along with the elements housed within:

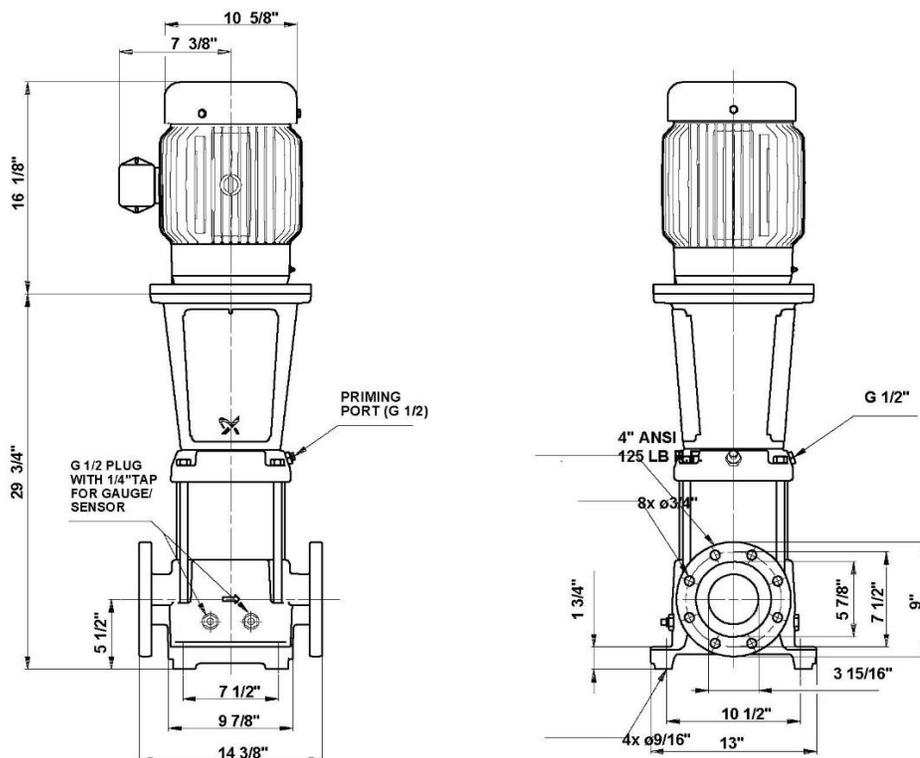
- Removal of at least 5 palm trees, with the possibility of removing an additional 2
- Removal of existing piping and valves along with other related appurtenances within the housing structure
- Removal/salvage of two existing booster pumps and other related appurtenances
- Removal of existing electrical panels (as described in the Electrical Feed section) and other related appurtenances
- Removal of existing 5' x 17' pneumatic tank that is partially housed and partially buried
- Retrofit or remove existing drain/sewer line to accommodate new drain for sump pump

Concluding the removal of the structure, a large void will be present that will need to be properly filled and compacted to secure the integrity of the hillside. A licensed geotechnical engineer will be procured to develop design plans that will detail the required earth work to mitigate the void.

💧 *Proposed Pump Design*

Given the calculated pumping requirements of the new pump station, a packaged pump station, shown in **Figure 6**, was procured to meet the District's new TDH pumping requirements.

Figure 6 – Proposed Packaged Pump Station

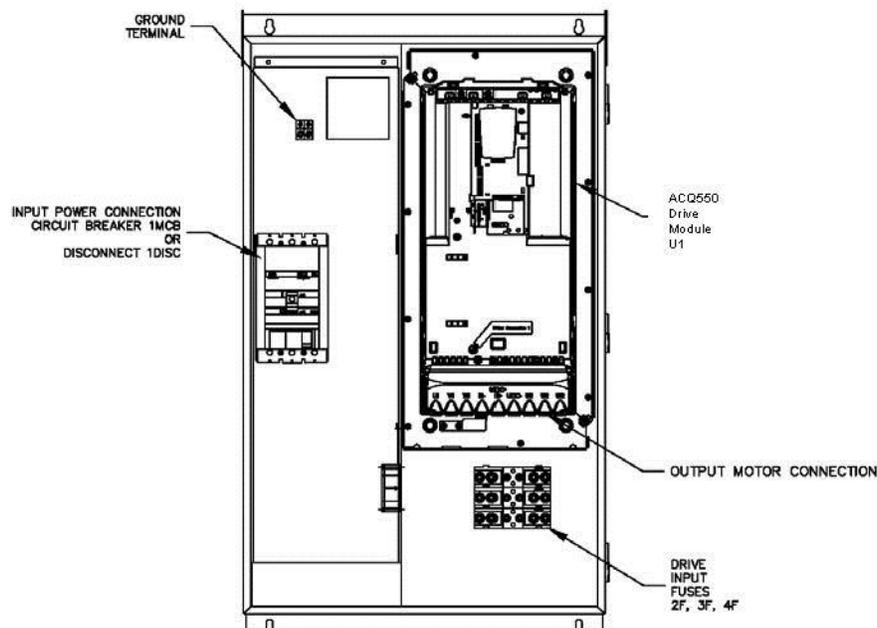


The pump station will consist of one packaged pump (See **Attachment 2** for full specs) consisting of the following:

- 300 gpm pump with a TDH of 140 ft.
- 3-phase, 20 HP AC BALDOR motor with a voltage rating of 3 x 230/460 V

In addition, the proposed pump station will be equipped with an AC variable frequency drive (VFD) designed for flexible motor control. **Figure 7** displays the ACQ550 drive pack with the required inputs for the disconnect switch (See **Attachment 3** for full specs).

Figure 7 – Variable Frequency Drive Pack

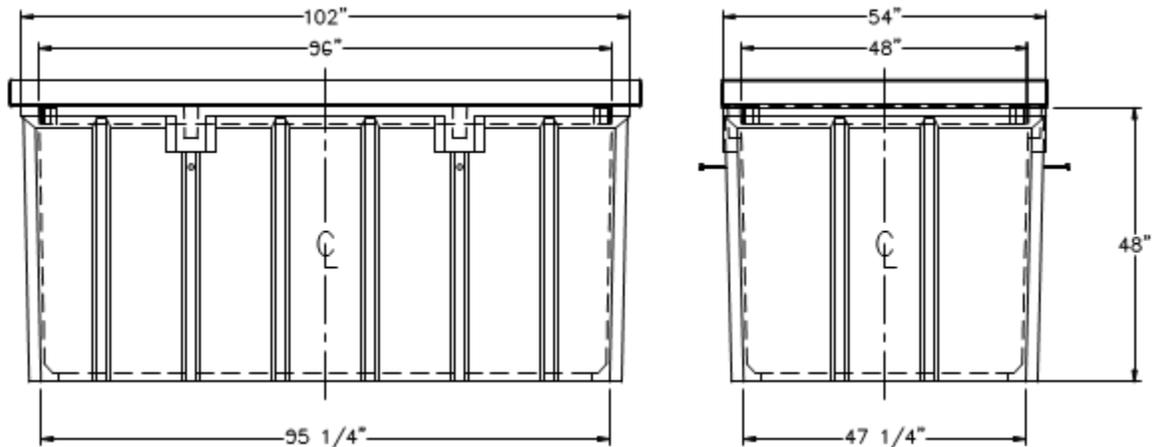


The VFD pack will be mounted near the vicinity of the pump station within the public-right-of-way (near sidewalk) for external access control.

💧 *Proposed Housing Structure of New Pump*

Given the size of the proposed pumps, the pumps will be constructed within the public-right-of-way adjacent to 122 Banbridge. The envisioned housing structure will consist of a pre-fabricated vault structure (no deeper than 5-feet in depth from existing grade) that will house the pumps along with related piping, a sump pump, and other appurtenances. **Figure 8** displays the vault system (See **Attachment 3** for full specs) that will house the proposed pumps. Note that the depth dimension will include a 12-inch extension bringing the maximum depth to 60-inches.

Figure 8 – Proposed Vault



💧 ***Aesthetics***

As previously mentioned, the identified palm trees will need to be removed during the excavation and removal process of the existing housing structure. To extend our due-diligence to the existing 122 Banbridge property owner, a new landscape will be provided at the District’s expense to replace the landscape void (removed palm trees) after the hillside is filled and finished to the satisfaction of the licensed geotechnical engineer. In addition, the District will provide funds to the 122 Banbridge owner to construct a decorative wall, limited to the frontage of the 122 property, for an aesthetically pleasing finish.

Affected sidewalk and other public-right-of-way areas will be properly repaired and/or replaced to the satisfaction of the City of La Puente’s standard drawings and specification.

💧 ***Overview***

The proposed Banbridge pump station will need to provide 300 gpm at a TDH of 140 feet. The existing structure will be removed and the affected hillside will be replaced per a licensed geotechnical engineering design plan. In addition, the electrical service that currently feeds the pump station will be replaced and designed to feed and comply with all electrical code requirements for a panel to feed the proposed VFD panel and pumps (which will be located in an underground vault).

In regards to the aesthetics of the project, the existing palm trees will be removed and be replaced with a landscape layout selected by the current property owner of 122 Banbridge. Additionally, the District will provide funds to build a decorative wall on the frontage of 122 Banbridge. All work will be coordinated with the 122 and 130 Banbridge property owners to minimize impacts to their respective properties.

Figure 9 displays the overview of the work required from a macro level perspective with their respective locations.

Figure 9 – Project Overview



The objective goal is to accommodate the new proposed pump station design within the limits of the public-right-of-way and minimize impacts to the surrounding properties. LPVCWD will work diligently as the primary contractor to ensure that all components are installed and constructed to design specifications.

If you have any questions or comments, please feel free to call us at (626) 330-2126.

Respectfully Submitted,

Roy Frausto
La Puente Valley County Water District

Upcoming Events



To: Honorable Board of Directors
From: Rosa Ruehlman, Office Administrator RRR
Date: 07/24/17
Re: Upcoming Board Approved Events for 2017

Day/Date	Event	<u>Aguirre</u>	<u>Escalera</u>	<u>Hastings</u>	<u>Hernandez</u>	<u>Rojas</u>
Thursday, July 27, 2017	SCWUA Luncheon at the Pomona Fairplex	X	X			X
Wednesday, August 9, 2017	San Gabriel Valley Water Association, Quarterly Breakfast at the Pomona Mining Valley Co. at 8:00 am		X	X		X
Thursday, August 17, 2017	ACWA Region 8 Program at MWD in Los Angeles, CA at 10 – 2 pm.					
Thursday, August 24, 2017	NO SCWUA - Dark					
Thursday, August 31, 2017	U.S. Congresswoman Napolitano – 2017 Water Forum at the Performing Arts Center in Baldwin Park, CA. at 9 – 1:30 pm.					
Monday-Thursday, September 25-28, 2017	CSDA 2017 Annual Conference in Monterey Marriott/Portola Hotels in Monterey, CA Deadline August 25, 2017 for Earlybird					
Thursday, September 28, 2017*	SCWUA Luncheon at the Pomona Fairplex					
Wednesday-Friday, October 4-6, 2017	SmartWater Innovations Conference at South Point Hotel in Las Vegas, NV Registration is now Open		X	X		X
Monday– Thursday, October 23-26, 2017	AWWA CA/NV 2017 Fall Conference at Atlantis Casino Resort in Reno, NV Deadline September 22, 2017					
Thursday, October 26, 2017*	SCWUA Luncheon at the Pomona Fairplex					
Wednesday, November 8, 2017*	San Gabriel Valley Water Association Luncheon at 11:30 am at South Hills Country Club					

Thursday, November 16, 2017*	SCWUA Luncheon at the Pomona Fairplex (3rd Thursday due to Thanksgiving)					
Tuesday – Thursday, November 28- December 1, 2017	ACWA 2017 Fall Conference in Anaheim Marriott Hotel in Anaheim, CA Registration is now Open					
Thursday, December 7, 2017*	SCWUA Luncheon at the Pomona Fairplex (Will be held on 1st Thursday)					

* SGVWA and SCWUA scheduled program and location TBA at a later date.

SGVWA – San Gabriel Valley Water Association Quarterly Luncheons, are held on the Second Wednesday of February, May, August and November at 11:30 am at the Swiss Park in Whittier CA, (Dates are subject to change)

SCWUA – Southern California Water Utilities Association Luncheons are typically held on the fourth Thursday of each month with the exception of December due to the Christmas holiday and are held at the Pomona Fairplex in Pomona, CA. (Dates are subject to change)

Upcoming Meeting:

- | |
|---|
| <ul style="list-style-type: none"> • No other meetings at this time. |
|---|

Board Member Training and Reporting Requirements:

NEXT DUE DATE

Schedule of Future Training and Reporting for 2016	<u>Aquirre</u>	<u>Escalera</u>	<u>Hastings</u>	<u>Hernandez</u>	<u>Rojas</u>
Ethics 1234 2 year Requirement	11/22/18	12/01/18	12/01/18	10/11/18	12/04/16
Sexual Harassment 2 Year Requirement	12/01/17	12/01/17	05/09/19	10/10/18	05/09/19
Form 700 Annual Requirement	04/01/18	04/01/18	04/01/18	04/01/18	04/01/18
Form 470 Short Form Semi Annual Requirement	07/31/18	07/31/18	07/31/18	07/31/18	07/31/18

If you have any questions on the information provided or would like additional information, please contact me at your earliest convenience.

City of La Puente 2017 Events

	Date	Event	Sponsored by
1	1st Tuesday each month	Planning Commission Meeting	LP
2	2nd & 4th Tuesday each month	City Council Meetings	LP
6	July - August 2017 (Mondays)	Movies in the Park	LP
7	July - August 2017 (Wednesday)	Concerts in the Park	LP
9	08/01/2017 (Tuesday)	National Night Out	L.A Co. Sheriffs
10	August 19, 2017 (Tenative Date)	Jr. All American Football	LP
11	10/29/2017 (Sunday)	Main St. Run	LP
12	11/11/2017 (Saturday)	Veteran's Day	LP
13	12/01/2017 (Friday)	Holiday Parade and Tree Lighting Ceremony	LP & Old Towne Puente