

# county of ventura

Jeff Pratt Agency Director

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Central Services

Joan Araujo, Director

Engineering Services
Christopher Cooper, Director

Transportation **David Fleisch**, Director

Water & Sanitation Joseph Pope, Director Watershed Protection Glenn Shephard, Director

Representing: Ventura County Waterworks District Nos. 1, 16, 17, 19, and 38 County Service Area Nos. 29, 30, and 34

October 11, 2019

## NOTICE OF A MEETING OF THE VENTURA COUNTY WATERWORKS DISTRICT NO. 19 CITIZENS' ADVISORY COMMITTEE

NOTICE IS HEREBY GIVEN that a meeting of the Ventura County Waterworks District No. 19 Citizens' Advisory Committee will be held **Thursday**, **October 17**, **2019**, **from 3:30 p.m.** to adjournment at the Waterworks District's Moorpark Office, 6767 Spring Road, Moorpark, California.

Advisory Committee Members: Please contact the District Office by telephone at (805-378-3005), or by email at wspc@ventura.org, no later than October 15, 2019, if you are unable to attend.

Sincerely,

Joseph C. Pope, Director

Water and Sanitation Department

### **AGENDA OF MEETING**

- 1. CALL TO ORDER
- 2. APPROVAL OF THE MINUTES OF THE JULY 1, AUGUST 15, AND SEPTEMBER 20, 2019 SPECIAL MEETINGS.
- 3. PUBLIC COMMENTS

Members of the public may address the Citizens' Advisory Committee on items of interest to the public that are within the subject matter jurisdiction of the Committee but do not appear on the agenda.

With respect to agenda items, the public will be given an opportunity to address the Committee when the item is reached in the meeting.

4. DISTRICT STAFF REPORT





- A. Review and Vote on 2020 Recommended Water Rates for Waterworks
  District #19
- B. CAPITAL PROJECTS The Capital Project Status Report provides regular reporting on the status of active capital projects within the District.
- C. WATER QUALITY REPORT A report regarding water quality complaints, if any, received by the District since the previous CAC meeting and how these complaints were resolved.
- D: WATER SUPPLY CONDITIONS An update on water supply conditions within the District, Southern California, and throughout the State.
- FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) /LAS POSAS USERS GROUP (LPUG) UPDATE An update on decisions and/or rulings by GMA and LPUG which may impact the District.
- F. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE An update on decisions and rulings by these agencies which may impact the District.
- G. AVENUES OF PUBLIC OUTREACH An update on how the District is reaching out to its customers concerning water conservation.
- H. ADMINISTRATIVE UPDATE An update on issues related to administration of the District including billing, charges, fees, programs, etc.
- I. BOARD LETTER TRACKER: AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT A status report on what items the District may be presenting, or has recently presented, before the Ventura County Board of Supervisors.
- J. BUDGET AND FINANCIAL REVIEW An update on the budget and financial status
- K. DIRECTOR'S INFORMATIONAL ITEMS Provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.
- COMMITTEE MEMBERS' COMMENTS/FUTURE AGENDA ITEMS

### ADJOURNMENT

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT CAYTLYN CAYLOR AT (805) 378-3005.





### Draft

# CITIZENS' ADVISORY COMMITTEE VENTURA COUNTY WATERWORKS DISTRICT NO. 19 MINUTES OF THE JULY 1, 2019 MEETING

COMMITTEE MEMBERS IN ATTENDANCE: Diana Enos, Kirby Thomas, Lynette Buchanan-Roth

COMMITTEE MEMBERS ABSENT: David Hutter

COMMITTEE MEMBER VACANCY: One

STAFF: Joseph Pope, Director

Sandy Harrison, Staff Services Specialist II

Caytlyn Caylor, Office Assistant III

**GUESTS:** Daryl Smith

Bill Miller Vanise Terry

\* \* \*

### 1. CALL TO ORDER

The meeting was called to order at 3:34 p.m.

2. APPROVAL OF THE MINUTES OF THE FEBRUARY 21, REGULAR MEETING

Approved meeting minutes with corrections, as submitted by Staff.

Vote: Yeas – 3; Nays – 0, Absence 2, Abstained – 0. The motion carried.

3. PUBLIC COMMENTS

No Public comments addressed.

- 4. DISTRICT STAFF REPORT (INFORMATIONAL ITEMS)
  - STAFF INTRODUCTIONS

Mr. Pope made formal introductions to the committee introducing Caytlyn Caylor, Office Assistant III and himself as the new Water and Sanitation Director

### A. CAPITAL PROJECTS REPORT

- Completed Approx. 10,000 LF of pipelines replacement within County right-of-way along Hwy 118 in 2015
- Replacement of 538 Pressure Zone Reservoir and Transmission Line

Minutes of the Ventura County Waterworks District No. 19 Citizens' Advisory Committee Meeting for July 1, 2019 Ventura County Water and Sanitation Department Page 2 of 3

 Approx. 20,000 LF Pipelines replacement within Caltrans right-of way

Well No. 2 Iron and Manganese Treatment Facility

- Well # 2 received Government funding for \$2.65 million
- Finalizing project plans and specs. For approval
- Obtaining temporary construction easement from adjacent property owners

### B. WATER QUALITY REPORT

- (2) Odor Complaints
  - Client water tested positive for sulfide, recommended to client to replace water filtration system
  - Discolored water created from a pipeline that was shutdown for repair, normal sediment settled in the line
- (1) Pressure Complaint
  - Broken irrigation line on their property was the source of low water pressure

### C. WATER SUPPLY CONDITIONS

Conditions remain healthy

D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) / LAS POSAS USERS GROUP (LPUG) UPDATE

Mr. Pope informed the committee that the adjudication is moving forward, and the next mediation meeting is scheduled for July 22-23rd

E. CALLEGUAS MUNICIPAL WATER DISTRICT (CALLEGUAS)/ METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (METROPOLITAN) UPDATE

Calleguas is looking for a new district director

### F. AVENUES OF PUBLIC OUTREACH

Sandy Harrison informed the committee of the social media posts and the information it will provide to the community. She is working with Consortium for monthly posts on multiple social media outlets.

### G. ADMINISTRATIVE UPDATE

Minutes of the Ventura County Waterworks District No. 19 Citizens' Advisory Committee Meeting for July 1, 2019 Ventura County Water and Sanitation Department Page 3 of 3

- The Water and Sanitation Department will be issuing a leak adjustment policy
- A rate analysis starts in July
- H. BOARD LETTER TRACKER: AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT

Mr. Pope stated no new updates that directly affect this district

I. UPDATED ON THE AGRICULTURAL FOCUS GROUP

Ms. Buchanan-Roth informed the meeting participants that an established topic needs to be evaluated and studied upon further before setting up the next focus group meeting. Mr. Pope agreed and informed the committee that a tentative meeting is scheduled for the end of July.

J. DIRECTOR'S INFORMATIONAL ITEMS

District financial reports were shared with the meeting members along with well pumping data

6. COMMITTEE MEMBERS' COMMENTS/FUTURE AGENDA ITEMS

Committee Members would like to have name cards/name tents for all members and staff for all future meetings

7. ADJOURNMENT - The meeting adjourned at 4:53 p.m.

### Draft

# CITIZENS' ADVISORY COMMITTEE VENTURA COUNTY WATERWORKS DISTRICT NO. 19 MINUTES OF THE AUGUST 15, 2019 MEETING

COMMITTEE MEMBERS IN ATTENDANCE: Diana Enos, David Hutter, Lynette Buchanan-Roth

COMMITTEE MEMBERS ABSENT: Kirby Thomas

COMMITTEE MEMBER VACANCY: One

STAFF: Joseph Pope, Director

Sandy Harrison, Staff Services Specialist II

Caytlyn Caylor, Office Assistant III

**GUESTS: None** 

\* \* \*

1. CALL TO ORDER

The meeting was called to order at 3:37 p.m.

APPROVAL OF THE MINUTES OF THE JULY 1 SPECIAL MEETING

Deferred approval of minutes, postponed until next meeting

Vote: Yeas -0; Nays -0, Absence 1, Abstained -0.

3. PUBLIC COMMENTS

No Public comments addressed.

4. DISTRICT STAFF REPORT

### A. CAPITAL PROJECTS REPORT

Well No. 2 Iron and Manganese Treatment Facility

- Well # 2 received Government funding for \$2.65 million
- Finalizing project plans and specs to move forward
- Estimated start time is early 2020

### B. WATER QUALITY REPORT

- (5) Pressure Complaints
  - (2) Pressure issues were caused by the Sand Canyon pumping station

Minutes of the Ventura County Waterworks District No. 19 Citizens' Advisory Committee Meeting for July 1, 2019 Ventura County Water and Sanitation Department Page 2 of 3

- (1) Complaint was caused by a main line leak near Los Angeles Avenue
- (1) Customer issue was from a higher demand than the valve could distribute.
- (1) Complaint from low pressure fluctuations on the customers property

### C. WATER SUPPLY CONDITIONS

Conditions remain healthy

D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) / LAS POSAS USERS GROUP (LPUG) UPDATE

Mr. Pope informed the committee that the adjudication is moving forward and he attended the litigation in August

E. CALLEGUAS MUNICIPAL WATER DISTRICT (CALLEGUAS)/
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
(METROPOLITAN) UPDATE

Calleguas now has a new General Manager, Tony Goff

F. AVENUES OF PUBLIC OUTREACH

Sandy Harrison informed the committee of the social media posts and the information it will provide to the community. She is working with Consortium for monthly posts on multiple social media outlets.

G. ADMINISTRATIVE UPDATE

No updates at time of CAC meeting

H. BOARD LETTER TRACKER: AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT

Mr. Pope stated no new updates that directly affect this district. He mentioned rate studies for the districts (i.e. rate increases)

I. UPDATED ON THE AGRICULTURAL FOCUS GROUP

Ms. Buchanan-Roth touched about what the meeting should be and how to improve the current situation. She discussed a few key topics that would be of interest to the Ag community.

Minutes of the Ventura County Waterworks District No. 19 Citizens' Advisory Committee Meeting for July 1, 2019 Ventura County Water and Sanitation Department Page 3 of 3

### J. DIRECTOR'S INFORMATIONAL ITEMS

District financial reports were shared with the meeting members along with well pumping data. It was requested that Eric Keller be present / provide the latest emergency repair reports for District 38.

### 6. COMMITTEE MEMBERS' COMMENTS/FUTURE AGENDA ITEMS

Future Agenda Items (Reports) -

- Total water pumped
- Total water imported
- Total water produced

Water Production Reports

- Local
- Imported
- Total

7. ADJOURNMENT - The meeting adjourned at 4:50 p.m.

### Draft

# CITIZENS' ADVISORY COMMITTEE VENTURA COUNTY WATERWORKS DISTRICT NO. 19 MINUTES OF THE SEPTEMBER 20, 2019 SPECIAL MEETING

COMMITTEE MEMBERS IN ATTENDANCE: Diana Enos, David Hutter, Lynette Buchanan-Roth, Kirby Thomas

COMMITTEE MEMBERS ABSENT: None

COMMITTEE MEMBER VACANCY: One

STAFF: Joseph Pope, Director

Dave Hazen, Waterworks Superintendent Caytlyn Caylor, Management Assistant III

GUESTS: Brett Tibbitts, Jim Cote, Daryl Smith, Dana Tibbitts, Alex Denogean, Bill Miller, Eric Flood, Terry Wall

\* \* \*

1. CALL TO ORDER

The meeting was called to order at 3:31 p.m.

2. APPROVAL OF THE MINUTES OF THE JULY 1 SPECIAL MEETING, AND AUGUST 15, 2019 MEETING

Postponed both meeting minutes until next regular scheduled meeting

Vote: Yeas -0; Nays -0, Absence 0, Abstained -0.

PUBLIC COMMENTS

No Public comments addressed.

- 4. DISTRICT STAFF REPORT
  - A. CAPITAL PROJECTS REPORT

Well No. 2 Iron and Manganese Treatment Facility

Bids received on September 25 for the project

Reservoir 12-inch Transmission Line Replacement

No update at the time of meeting

Pipe Replacement @ CalTrans

- No update at the time of meeting
- B. DIRECTOR'S INFORMATIONAL ITEMS Water Rate Analysis Presentation

Minutes of the Ventura County Waterworks District No. 19 Citizens' Advisory Committee Special Meeting for September 20, 2019 Ventura County Water and Sanitation Department Page 2 of 2

- Mr. Pope discussed Waterworks District 19's financial status and budget for fiscal year 19-20. He presented the proposed water rate increase to the Committee members and went into detail on the forecast of expenses and the financial standing with or without the increase.
- 5. COMMITTEE MEMBERS' COMMENTS/FUTURE AGENDA ITEMS
  - CAC would like additional reports on the adjudication settlement
- 6. ADJOURNMENT The meeting adjourned at 5:17 p.m.

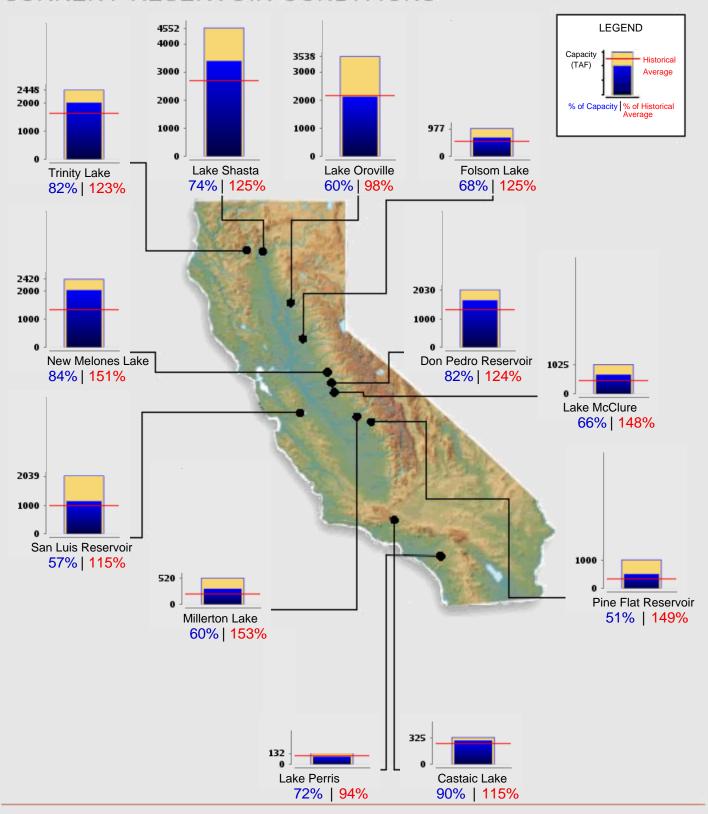
	une 2019	ACTIVE CAPITAL PROJECTS REPORT – WATE					I – WATER AND SANITATION DEPARTMENT 1					
		Project Mgr.	Schedu	uled or Actua	I Dates		% Compl.	WA	Remarks			
Sup. Dist.	Project Name Project Number	Design Eng. Contractor	Plan Approval	Contract Award	Const. Start	Const. Comp.	Design/ Const.	Auth/ Balance				
2	District No. 19 Well No. 2 Iron and Manganese facility WS239898	S. Pan / M. Segui MBI; Padre & Assoc.; Oakridge	06/19	09/19	10/19	10/20	99/0		<ul> <li>7/2019- Advertising project.</li> <li>6/2019- Obtained State budget appropriation to fund project. Finalizing project plans and specs. package for approval. Obtaining temporary construction easement from adjacent property owners.</li> <li>3/2019- Prepared and submitted memo and supporting documents to the Financial Planning Committee, scheduled FPC meeting for borrowing from COV Revolving Credit Agreement fund.</li> <li>1/2019- Met with CEO Analyst for borrowing from COV General Fund Loan, preparing the supporting documents for the Finance Committee and BOS meetings</li> <li>11/2018- Completed 100% plans and specs and project package except for funding source; Applying for iBank loan; Looking into short term loan from Dist. 38.</li> <li>10/2018- Prepared front end contract document, complete 100% plans and specs and project package. Teleconference with iBank for construction loan.</li> <li>5/2018- Completed 95% design plans and specs. Coordinate with USDA on contract documents requirements.</li> <li>2/2018 - Reviewed 90% plans and specifications. Still coordinating</li> </ul>			
2	District No. 19 538 Pressure Zone 1.0 MG Reservoir & 1,100 LF 12- inch Transmission Line Replacement WS239906 & WS239907	<u>S. Pan/</u> ESD	03/21	6/21	7/21	6/22	0/0		<ul> <li>6/2019- Surveyed existing ROW and staked existing pipeline across Arroyo Las Posas; KJ consultant performing preliminary engineering design.</li> <li>3/2019- KJ Consultant contract for CEQA and 30% design services approved by PWA Director, issued Notice to Proceed to KJ.</li> <li>1/2019- KJ Consultant contract for CEQA and 30% design services for PWA Director approval 1/2019.</li> <li>10/2018- Conducting tank site survey &amp; ROW fee acquisition; Preparing KJ consultant services contract and BOS approval 12/4/18; CEQA Initial Study to determine exemption or MND. ESD to provide updated project schedule.</li> </ul>			
2	District No. 19 Pipe Replacement @ CalTrans R/W WS239904	<u>S. Pan</u> Padre & Assoc.; AECOM	07/20	10/20	11/20	10/21	90/0		<ul> <li>6/2019 – Investigating County financing options: revolving Credit Agreement.</li> <li>1/2015 – Project is on hold pending District 19 financial planning.</li> <li>3/2014 - AECOM submitted 95% plans to all review Agencies including Cal Trans, Calleguas MWD, VCWPD, and WWD#19.</li> </ul>			

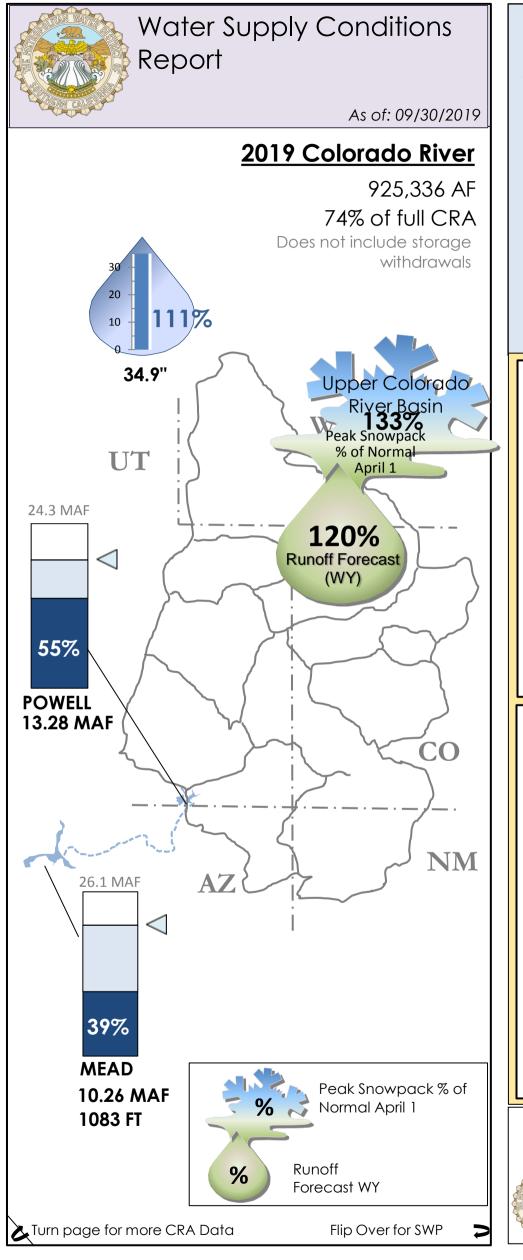


## Reservoir Conditions

Ending At Midnight - October 13, 2019

### CURRENT RESERVOIR CONDITIONS



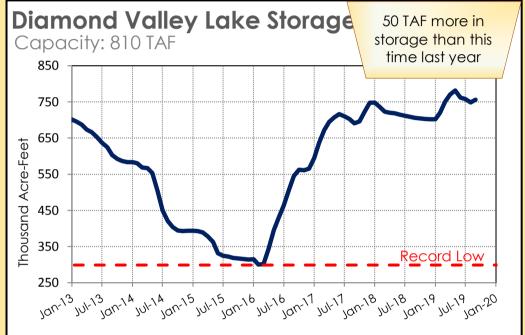


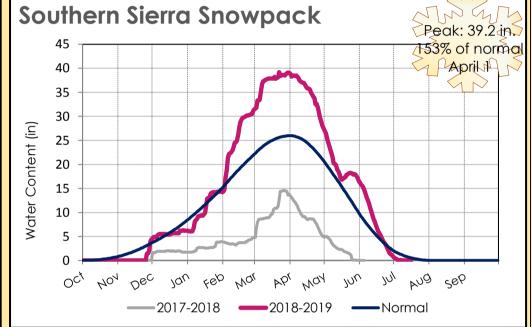


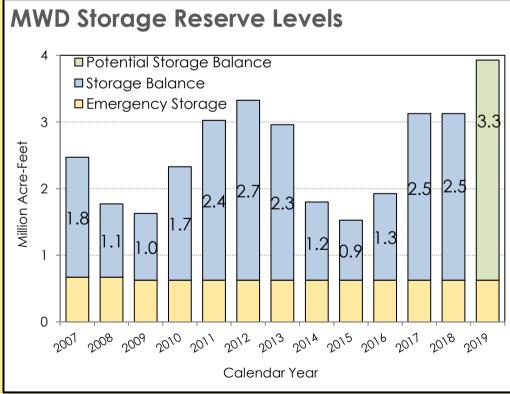
### Highlights

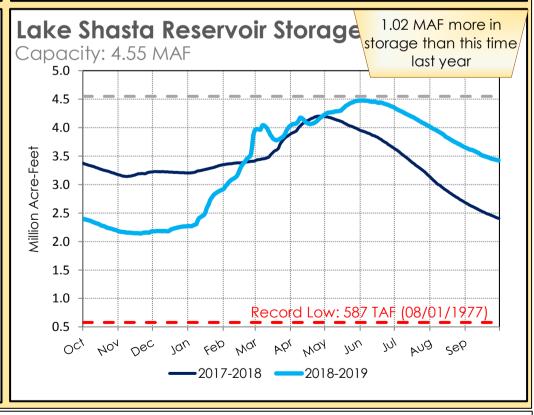
- ♦ Northern Sierra snowpack peaked at 163% of April 1 normal
- ♦ Sacramento River Runoff forecast is 137% of normal
- ◆ Snowpack in the Upper Colorado River Basin peaked at 133% of April 1 normal
- ♦ Lake Powell inflow is 120% of normal





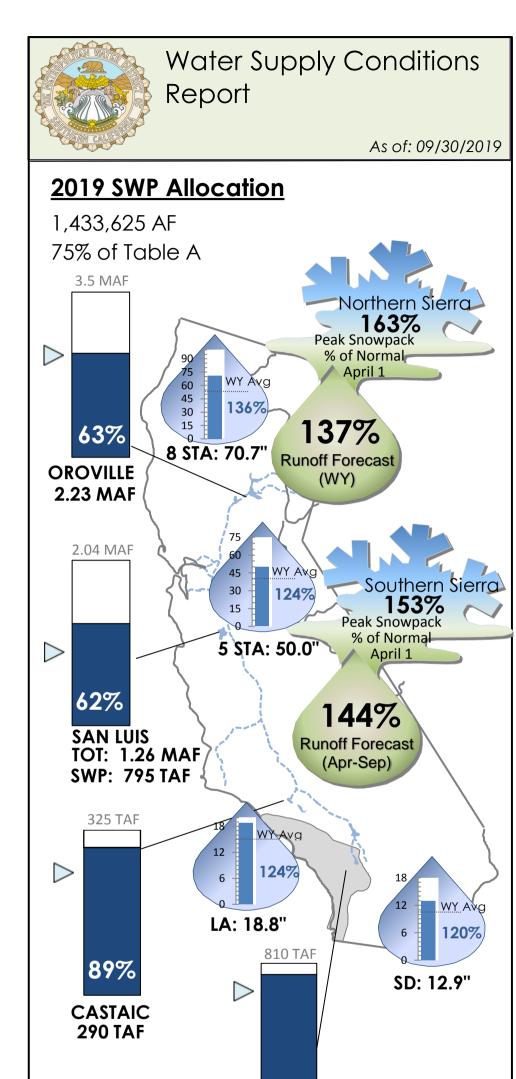






This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale.

This report is best printed double sided on legal size paper (8.5" x 14"), double sided on the short edge, and folded in quarters.



**DVL** 93%

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- Current Storage

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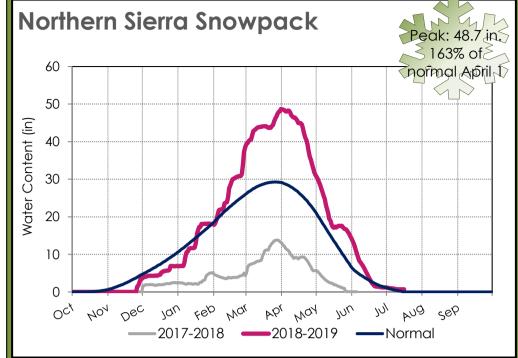
756 TAF

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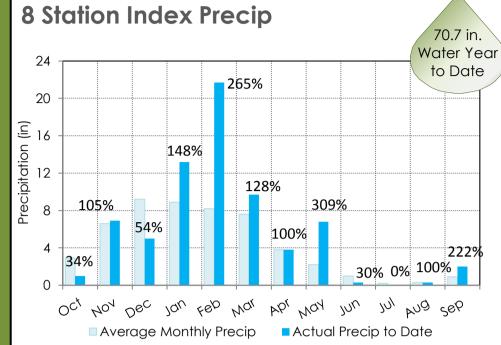
Rainfall to Date (in)

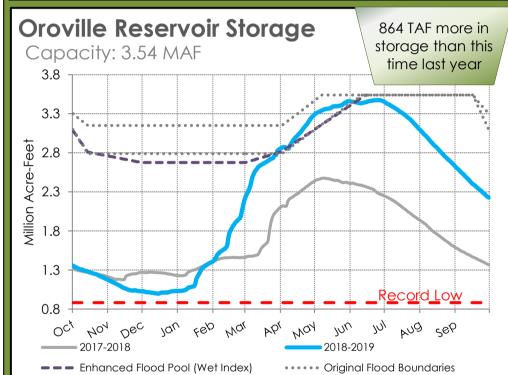


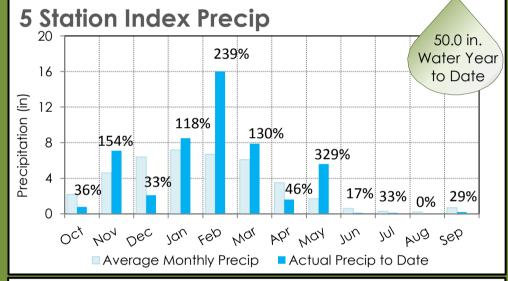
## State Water Project Resources

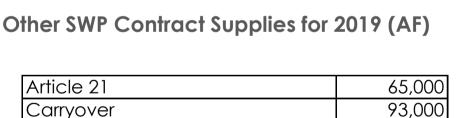


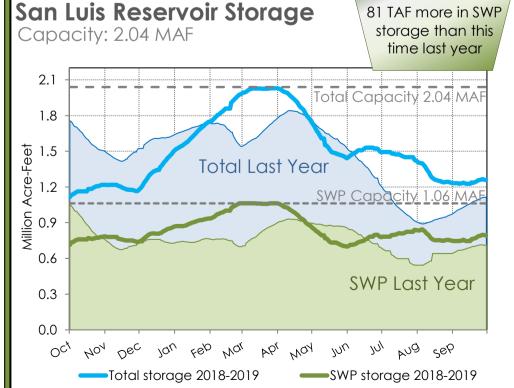
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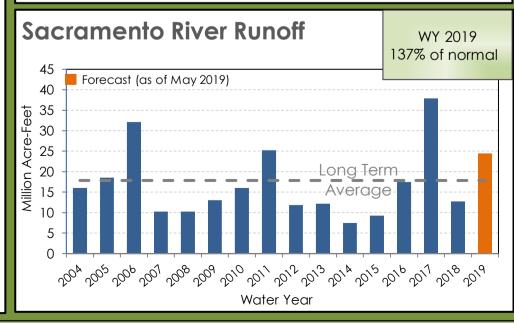








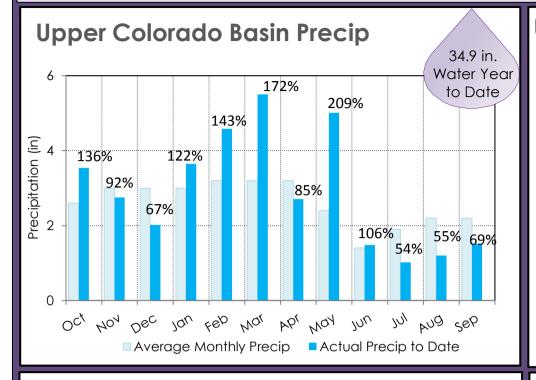


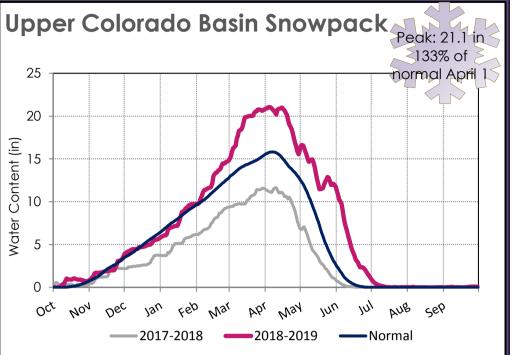


### Colorado River Resources

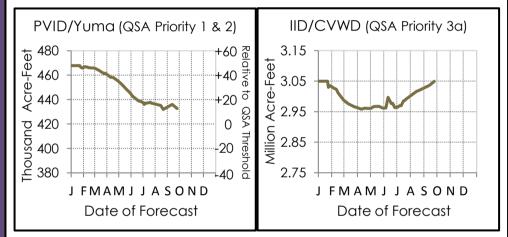
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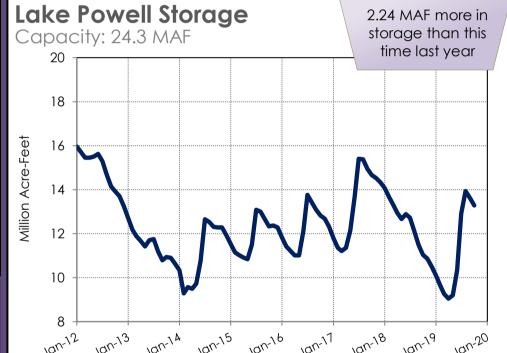
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### 2019 Colorado River Ag Use

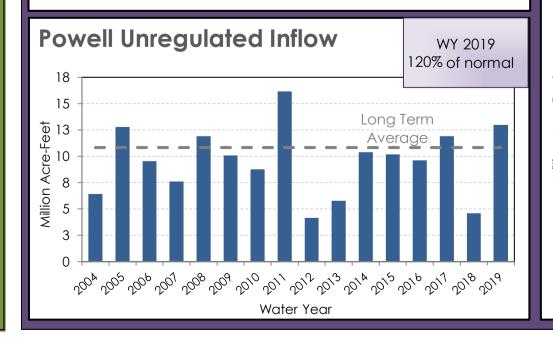


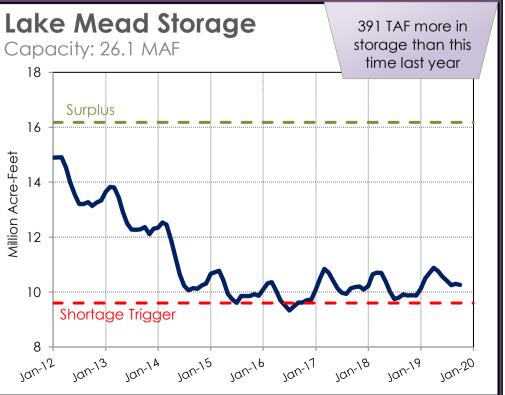


### Lake Mead Shortage/Surplus Outlook

	2020	2021	2022	2023	2024
Shortage	0%	4%	24%	37%	43%
Surplus	0%	0%	7%	12%	19%

Likelihood based on results from the August 2019 CRSS model run. Includes DCP Contributions.





### Ventura County Waterworks - District No.1 Production Summary Report for

### Aug-19

DISTRICT 1	Loc	cal	Purchases	Total Prod.
	Pumped	In-Lieu		
Division 1				
Well 20	62.0			
Div. 1 Total	62.0		639.3	701.3
Division 2			49.5	49.5
Div. 2 Total	0.0		49.5	49.5
Division 3				
Well 15	79.3		85.9	165.1
Div. 3 Total	79.3		85.9	165.1
Division 4				
Well 95	26.2			
Well 97	0.0			
Well 98	78.2		41.4	119.6
Div. 4 Total	104.4	0.0	41.4	145.8
TOTAL DIST. 1 (AF)	245.7	0.0	816.0	1061.7

## Ventura County Waterworks - District No.19 Production Summary Report for

### Aug-19

DISTRICT 19	Loc	cal	Purchases	Total Prod.
	Pumped	In Lieu		
		(GCC)		
Well 2	98.9			
Well 3	97.8			
Well 4	35.9			
TOTAL DIST. 19 (AF)	232.5	0.0	34.9	267.4

### WATER PRODUCTION REPORT (AF) VCWWD #19

May-19

Allocations	(AF)	USED	Ava	ilable
GMA	1,844.149	457.1	75.2%	2019
TEA (1/1-6/30/19)	922.075	457.1	50.4%	464.975
TEA (7/1-12/31/19)	922.075	0.0	100.0%	922.075
TIER I	957.2	143.0	814.2	814.2
TIER II		0.0		

### LOCAL

													-		
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		LOC	AL
JAN	113.0	86.4	102.4	172.7	139.7	162.8	130.0	29.6	37.7	104.9	55.5		JAN	FY09-10	1,879.8
FEB	78.0	57.8	89.2	192.7	145.6	145.4	143.8	108.4	40.2	59.9	41.9		FEB	FY10-11	2,286.3
MAR	169.1	104.7	87.1	153.6	198.9	125.1	201.3	75.1	98.2	27.7	74.1		MAR	FY11-12	2,698.1
APR	259.1	102.0	174.7	96.8	202.1	169.3	238.9	137.6	181.9	100.0	149.8		APR	FY12-13	2,623.5
MAY	260.3	129.7	265.4	248.1	205.5	175.6	206.8	174.1	203.5	100.6	135.8		MAY	FY13-14	2,062.4
JUN	245.5	241.2	293.1	310.9	195.4	181.3	208.3	203.7	195.8	113.1			JUN	FY14-15	2,014.7
JUL	263.2	306.9	391.7	331.9	189.1	164.7	178.5	226.1	195.4	183.8			JUL	FY15-16	1,518.8
AUG	265.0	340.7	335.5	364.3	195.8	105.1	222.1	190.4	216.7	213.8			AUG	FY16-17	1,791.3
SEPT	251.8	228.6	284.3	317.9	179.2	165.3	187.7	203.4	209.9	195.4			SEPT	FY17-18	1,591.5
ОСТ	171.5	159.7	209.2	283.8	193.5	199.7	158.9	177.6	208.4	209.4			ОСТ	FY18-19	1,525.2
NOV	121.5	146.9	113.9	182.8	167.2	199.6	13.6	142.0	170.5	175.6			NOV	FY19-20	
DEC	85.0	91.6	188.7	55.6	178.1	51.2	29.5	94.5	84.4	90.1			DEC	FY20-21	
	2283.0	1996.2	2535.2	2711.1	2190.1	1845.1	1919.4	1762.5	1842.6	1574.3	457.1	0.0		_	

### **IMPORTED**

						11411	I L L L								
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	]	IMPOF	RTED
JAN	74.6	32.4	31.7	0.8	0.0	70.8	1.1	28.5	0.0	37.8	21.2		JAN	FY09-10	1,063.7
FEB	12.6	0.4	43.8	0.9	4.1	26.9	1.6	8.0	0.0	116.7	13.6		FEB	FY10-11	287.5
MAR	6.2	53.5	0.0	1.7	15.2	31.7	22.5	22.1	0.0	45.6	18.4		MAR	FY11-12	174.7
APR	72.3	34.2	7.0	1.0	46.9	70.6	21.9	10.2	0.0	83.9	54.4		APR	FY12-13	310.0
MAY	106.1	204.9	-0.1	45.1	98.4	130.5	12.8	2.1	0.0	113.9	35.4		MAY	FY13-14	981.5
JUN	83.4	83.3	0.0	16.5	114.2	104.8	18.5	8.9	51.1	134.1			JUN	FY14-15	639.7
JUL	171.8	60.2	0.0	13.9	116.4	151.6	88.9	26.3	58.9	133.1			JUL	FY15-16	765.9
AUG	135.6	36.5	57.1	14.0	127.6	193.9	94.9	65.6	51.8	107.5			AUG	FY16-17	223.3
SEPT	128.3	118.1	19.9	3.1	132.4	122.1	79.9	44.8	38.1	64.3			SEPT	FY17-18	899.4
ОСТ	53.9	-23.9	5.3	0.2	92.3	84.4	116.0	34.9	45.8	39.2			ОСТ	FY18-19	516.5
NOV	136.7	14.3	26.4	0.0	39.7	9.3	170.8	0.6	25.6	19.2			NOV	FY19-20	
DEC	28.6	-0.1	0.0	0.0	37.8	0.0	135.6	0.0	147.2	10.2			DEC	FY20-21	
	1010.1	613.8	191.1	97.2	825.0	996.6	764.5	252.0	418.5	905.5	143.0	0.0			

### **TOTAL**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		TOT	AL
JAN	187.6	118.8	134.1	173.5	139.7	233.6	131.1	58.1	37.7	142.7	76.7		JAN	FY09-10	2,943.5
FEB	90.6	58.2	133.0	193.6	149.7	172.3	145.4	116.4	40.2	176.6	55.5		FEB	FY10-11	2,573.8
MAR	175.3	158.2	87.1	155.3	214.1	156.8	223.8	97.2	98.2	73.3	92.5		MAR	FY11-12	2,872.8
APR	331.4	136.2	181.7	97.8	249.0	239.9	260.8	147.8	181.9	183.9	204.2		APR	FY12-13	2,933.5
MAY	366.4	334.6	265.3	293.2	303.9	306.1	219.6	176.2	203.5	214.5	171.2		MAY	FY13-14	3,043.9
JUN	328.9	324.5	293.1	327.4	309.6	286.1	226.8	212.6	246.9	247.2			JUN	FY14-15	2,654.4
JUL	435.0	367.1	391.7	345.8	305.5	316.3	267.4	252.4	254.3	316.9			JUL	FY15-16	2,284.7
AUG	400.6	377.2	392.6	378.3	323.4	299.0	317.0	256.0	268.5	321.3			AUG	FY16-17	2,014.6
SEPT	380.1	346.7	304.2	321.0	311.6	287.4	267.6	248.2	248.0	259.7			SEPT	FY17-18	2,490.9
ОСТ	225.4	135.8	214.5	284.0	285.8	284.1	274.9	212.5	254.2	248.6			ОСТ	FY18-19	2,041.7
NOV	258.2	161.2	140.3	182.8	206.9	208.9	184.4	142.6	196.1	194.8			NOV	FY19-20	
DEC	113.6	91.5	188.7	55.6	215.9	51.2	165.1	94.5	231.6	100.3			DEC	FY20-21	
	3293.1	2610.0	2726.3	2808.3	3015.1	2841.7	2683.9	2014.5	2261.1	2479.8	600.1	0.0			

	FY19		FY20
	Adopted	FY19	Adopted
System Maintenance, Repairs & Replacement	Budget	Actuals	Budget
2101	\$7.0	\$0.0	\$7.0
Equipment Maintenance	·		•
California Mechanical-Generator maint.	\$7.0	\$0.0	\$7.0
2102	\$142.0	\$349.6	\$165.0
Equipment Maintenance Contracts			
Electrical	\$25.0	\$79.5	\$25.0
Emergency Repair	\$45.0	\$9.4	\$45.0
Fence	\$0.0	\$2.7	\$0.0
General Maintenance	\$0.0	\$7.8	\$58.0
Instrumentation	\$15.0	\$15.7	\$0.0
Others	\$0.0	\$9.6	\$2.0
PLC Replacements/Reprogramming	\$10.0	\$0.0	\$0.0
Pump Repairs	\$35.0	\$211.3	\$35.0
Radio Replacement	\$0.0	\$0.0	\$0.0
SCADA Integration & Troubleshooting	\$12.0	\$10.5	\$0.0
Welding	\$0.0	\$3.1	\$0.0
2104	\$124.0	\$177.1	\$136.0
Maintenance Supplies And Parts			
CLA Valve Parts	\$12.0	\$30.8	\$14.0
Construction Materials	\$25.0	\$81.2	\$25.0
Meter Box Covers for MXUs	\$0.0	\$3.7	\$0.0
Others	\$2.0	\$7.6	\$7.0
Pipe Materials	\$10.0	\$22.6	\$15.0
SCADA Radio Replacements	\$10.0	\$0.0	\$0.0
SCADA Server Upgrade & License Upgrade	\$0.0	(\$2.6)	\$0.0
Valves	\$15.0	\$0.0	\$35.0
WATER SYSTEM MAIN SUPPLY	\$0.0	\$33.7	\$0.0
Water Treatment Chemicals	\$50.0	\$0.0	\$40.0
2116	\$0.0	\$2.0	\$0.0
Other Maintenance ISF			
Other Maintenance ISF	\$0.0	\$2.0	\$0.0
2183	\$10.0	\$0.0	\$0.0
Engineering And Technical Surveys			
Maps Update	\$10.0	\$0.0	\$0.0
2231	\$5.8	\$8.6	\$5.8
Rent And Leases Equipment Noncounty Owned			
Equipment Rentals	\$5.8	\$8.6	\$5.8
2264	\$90.0	\$54.8	\$57.0
Minor Equipment			
Miscellaneous small tools	\$12.0	\$0.0	\$57.0
SMALL TOOLS AND INSTRUMENTS	\$1.0	\$0.0	\$0.0
WATER METER PURCHASES	\$77.0	\$54.8	\$0.0
Grand Total	\$378.8	\$592.1	\$370.8

#### **OPERATION & MAINTENANCE**

	& MAINTENANCE		FY19 Adopted	FY19	FY20 Adopted
CODE	FMS NAME	EXP DESCRIP	Budget	Actuals	Budget
2032	Voice Data Isf	VOICE/DATA - ISF	\$8.8	\$4.4	\$4.4
	Equipment Maintenance				
2102	Contracts	Utility Billing System Maintenance	\$8.3	\$0.0	\$8.1
2159	Miscellaneous Expense	Collections, Bad Debts & Misc.	\$1.0	\$2.0	\$1.0
2162	Printing And Binding Non Isf	Mailing Customer Bills	\$1.0	\$0.6	\$1.0
2164	Mail Center Isf	Mailing Customer Bills	\$5.3	\$5.5	\$5.9
2165	Purchasing Charges Isf	Requisition Processing Fee	\$9.7	\$9.6	\$8.2
2166	Graphics Charges Isf	Printing of Customer Notices	\$6.0	\$6.1	\$6.5
2168	Stores ISF	Stores ISF		\$0.7	\$0.0
	Engineering And Technical				
2183	Surveys	Master Plan Update	\$25.0	\$0.0	\$0.0
		SCADA Integration	\$5.0	\$0.0	\$0.0
2184	Refuse Disposal	Refuse Disposal		\$0.7	\$0.0
2188	Lab Services	Pat Chem & FGL	\$14.0	\$7.8	\$14.0
2191	Collection And Billing Services	Collection Agencies	\$3.4	\$1.6	\$1.7
	Other Professional And				
2199	Specialized Services Non Isf	CCR's	\$4.0	\$0.0	\$0.0
		Others	\$0.0	\$0.0	\$24.0
		Resevoir Inspections	\$20.0		\$0.0
		SCADA Reporting	\$0.0	\$0.0	\$0.0
2205	Public Works Isf Charges	O & M Labor Charges	\$692.8	\$0.0	\$0.0
		PUBLIC WORKS CHARGES	\$0.0	\$922.4	\$1,066.2
2261	Computer Equipment <5000	SCADA RTU's	\$9.0	\$0.0	\$5.0
2302	Transportation Charge ISF	TRANSPORTATION CHARGES ISF	\$0.2	\$0.2	\$0.2
2304	Transportation Work Order	TRANSPORTATION WORK ORDER	\$0.0	\$4.9	\$0.0
3611	Depreciation Expense	DEPRECIATION EXPENSE	\$341.4	\$341.5	\$341.4
2194	Software Maintenance Agreement	Software Maintenance Agreement	\$0.0	\$2.8	\$0.0
<b>Grand Total</b>		<u> </u>	\$1,223.3	\$1,327.0	\$1,549.4

### **LOCAL WATER COST**

			FY19		FY20
			Adopted	FY19	Adopted
CODE	FMS NAME	EXP DESCRIP	Budget	Actuals	Budget
2183	Engineering And Technical Surveys	Resevoir Inspections	\$0.0	\$0.0	\$55.0
2312	Water Supply Cost	GROUNDWATER EXTRACTION	\$17.6	\$19.7	\$0.0
2313	Water And Sewer System Power	Power & Lift Chg - est 1840 AF	\$480.8	\$434.8	\$550.5
<b>Grand Total</b>			\$498.4	\$454.5	\$605.5

### **COUNTY & AGENCY SVCS**

			FY19 Adopted	FY19	FY20 Adopted
CODE	FMS NAME	EXP DESCRIP	Budget		
2071	General Insurance Allocation Isf	LIABILITY & GEN INSURANCE	\$3.0	\$3.0	\$2.6
2158	Cost Allocation Plan Charges	INDIRECT COST RECOVERY	\$14.6	\$14.6	\$18.6
2185	Attorney Services	County Counsel	\$11.0	\$94.3	\$66.0
2203	County Geographical Information Systems Expe	COUNTY GIS EXPENSE	\$0.0	\$0.0	\$0.0
2204	Management And Admin Survey Isf	MGMT & ADMIN SVCS	\$128.0	\$128.0	\$116.5
2205	Public Works Isf Charges	Survey & Eng' Allocation	\$10.0	\$0.0	\$0.0
<b>Grand Total</b>			\$166.6	\$239.9	\$203.7

### **REGULATORY PERMIT COST**

			FY19 Adopted	FY19	FY20 Adopted
CODE	FMS NAME	EXP DESCRIP	Budget	Actuals	Budget
2159	Miscellaneous Expense	State Permit	\$12.0	\$17.8	\$12.0
		Conservation Program	\$5.0	\$0.0	\$5.0
		Cross Connection Fees	\$5.2	\$5.3	\$5.2
2205	Public Works Isf Charges	Real Estate Charges	\$3.2	\$0.0	\$0.0
<b>Grand Total</b>			\$25.4	\$23.1	\$22.2

### Waterworks District #19 - SOMIS

### **Labor Hours Breakdown between Regular and Overtime Charges**

Buyer Unit	4340	WW#19 - SOMIS		
Sum of Labor Hour	s	PAYTYPE		
Project Code	Project Description	Overtime	Regular	<b>Grand Total</b>
P6039100	Ww19 O_M	269.5	4102	4371.5
P6039130	Ww19 O_M All Wells	204.5	1095	1299.5
P6039131	Ww190_M Well 2Booster	29.5	158	187.5
P6039132	Ww190_M Well3Booster	4	248.5	252.5
P6039134	Ww190_M Well4	20	324.5	344.5
P6039150	Ww19 O_M All Booster		4	4
P6039152	Ww19O_M Bs Greentree	9	182	191
P6039153	Ww 19 O_M Bs 538 Reservoir	2	2	4
P6039154	Ww190_M Bs 860 Resv	5.5	48.5	54
P6039155	Ww190_M Bs 1030 Resv		3	3
P6039157	Ww 19 O_M Bstr Sand Cyn	0.5	25	25.5
P6039160	Ww19 O_M Mainslines		9	9
P6039170	Ww19 O_M All Prsred	11.5	237.5	249
P6039180	Ww19 O_M All Reservoirs		18	18
P6039182	Ww190_M Resv Greentree	4.5	478	482.5
P6039183	Ww19 O_M Balcom Can Res	1	17	18
P6039184	Ww19 O_M 104538Ft Res		10	10
P6039185	Ww19 O_M 104860Ft Res		20	20
P6039186	Ww19 O_M 1041030Ft Res		7	7
P6039400	Ww19 Special Projects		669.25	669.25
P6039406	Ww19 Engr Serv Consult		210	210
P6039408	Ww19Lab Test, Sample_ Report		198	198
P6039425	Ww19 Wtr Consrvtn Prgm		421.5	421.5
P6039503	Wtr Facilities Verification		346	346
P6039504	Ww19Citrus Hills Pm5508		0.5	0.5
<b>Grand Total</b>		561.5	8834.25	9395.75
		6.0%	94.0%	

### Waterworks District #19 - SOMIS

### Labor Cost Breakdown between Regular and Overtime Charges

Buyer Unit 4340

Sum of Labor Cost		PAYTYPE		
Project Code	Project Description	Overtime	Regular	<b>Grand Total</b>
P6039100	Ww19 O_M	\$25,362	\$361,526	\$386,888
P6039130	Ww19 O_M All Wells	\$20,280	\$77,225	\$97,505
P6039131	Ww19O_M Well 2Booster	\$3,510	\$13,590	\$17,100
P6039132	Ww19O_M Well3Booster	\$567	\$20,412	\$20,978
P6039134	Ww19O_M Well4	\$1,928	\$25,520	\$27,448
P6039150	Ww19 O_M All Booster		\$297	\$297
P6039152	Ww19O_M Bs Greentree	\$987	\$15,082	\$16,069
P6039153	Ww 19 O_M Bs 538 Reservoir	\$181	\$149	\$329
P6039154	Ww190_M Bs 860 Resv	\$699	\$3,646	\$4,345
P6039155	Ww190_M Bs 1030 Resv		\$223	\$223
P6039157	Ww 19 O_M Bstr Sand Cyn	\$45	\$1,753	\$1,798
P6039160	Ww19 O_M Mainslines		\$481	\$481
P6039170	Ww19 O_M All Prsred	\$1,303	\$16,945	\$18,248
P6039180	Ww19 O_M All Reservoirs		\$1,481	\$1,481
P6039182	Ww190_M Resv Greentree	\$377	\$35,205	\$35,582
P6039183	Ww19 O_M Balcom Can Res	\$122	\$1,287	\$1,409
P6039184	Ww19 O_M 104538Ft Res		\$926	\$926
P6039185	Ww19 O_M 104860Ft Res		\$1,617	\$1,617
P6039186	Ww19 O_M 1041030Ft Res		\$520	\$520
P6039400	Ww19 Special Projects		\$86,486	\$86,486
P6039406	Ww19 Engr Serv Consult		\$31,045	\$31,045
P6039408	Ww19Lab Test, Sample_ Report		\$18,780	\$18,780
P6039425	Ww19 Wtr Consrvtn Prgm		\$52,417	\$52,417
P6039503	Wtr Facilities Verification		\$51,182	\$51,182
P6039504	Ww19Citrus Hills Pm5508		\$35	\$35
Grand Total		\$55,360	\$817,830	\$873,190
		6.3%	93.7%	

	oor Distribution of	f Labor Cost - Comparison bety	ween Fisc	al Years	
Sum of Charge		<u> </u>	FY		
PROGRAM COI	Program Name	Description	2017	2018	2019
P6039100	WW19 O_M	ADMINISTRATION	\$2,094	\$24,797	\$18,337
		AIR VAC REPAIR AND			
		REPLACEMENT		\$23,582	\$1,821
		AMR METER MAINT			
		CALIBRATION	\$6,968	\$4,389	\$12,177
		CAPITAL CONSTR PROJ		\$239	
		CROSS CONN CONTRL	\$4,226	\$291	\$166
		CUSTOMER ACCOUNT			
		ACTIVITY	\$10,511	\$14,282	\$10,023
		CUSTOMER SERVICE	\$7,155	\$4,663	\$7,405
		EROSION CONTROL			\$149
		FIRE FLOW TESTING	\$1,605	\$3,389	\$937
		FIRE HYDRANT AND BLOW			
		OFF MAINT	\$9,121	\$11,623	\$4,018
		HYDRAULIC VALVE			
		MAINTENANCE	\$13,619	\$9,705	\$3,249
		IN SHOP METER			
		MAINTENANCE			\$107
		LINE LOCATIONS	\$14,468	\$9,356	\$15,607
		MEETINGS CONFERENCES		\$103	\$206
		METER BOX MAINTENANCE		\$312	
		METER READING AND			
		READING ADMIN	\$20,561	\$19,014	\$17,922
		METER REPLACEMENT	\$3,435	\$2,719	\$2,906
		NEW METER INSTALLATION		\$611	\$128
		PUMP AND LIFT STATION			
		MAINT	\$1,144	\$948	\$348
		PUMP AND LIFT STATION			
		REPAIR	\$1,627		\$599
		RESERVOIR MAINTENANCE	\$104		\$603
		ROUTINE OFFICE	\$6,177	\$10,034	\$11,619
		SCADA SYSTEM MAINT AND			
		REPAIR	\$2,617	\$1,833	\$2,236
		SCADA SYSTEM UPGRADE	\$7,073	\$1,006	\$610
		SERVICE REPLACEMENT	\$22,768	\$23,083	\$36,938
		SITE MAINT AND WEED			
		ABATE	\$4,262	\$784	\$265
		SPECIAL STUDIES			\$3,063
		STANDBY GEN PUMP INSPEC			
		AND TEST	\$5,128	\$5,484	\$3,888
		SUPERVISION	\$57,049	\$83,650	\$90,620
		SYSTEM EMERGENCIES	\$660	\$1,937	\$1,184
		SYSTEM FLUSHING	\$12,544	\$7,523	\$8,459

### WW#19 Labor Distribution of Labor Cost - Comparison between Fiscal Years

**Sum of Charge Amount** 

**PROGRAM COI Program Name** Description 2017 2018 2019 \$50,782 WW19 O\_M SYSTEM OPERATION \$70,723 \$62,376 TECHNICAL SERVICES \$1,043 TRAINING \$846 \$331 VALVE MAINTENANCE \$26,524 \$39,084 \$201 VALVE REPAIR AND REPLACEMENT \$2,413 \$20,819 \$9,439 VEHICLE EQUIPMENT MAINTENANCE \$135 WASTEWATER PLANT **OPERATIONS** \$52 \$27 WATER AND WASTEWATER SAMPLING \$1,058 WATER AND WASTEWATER TESTING \$35 WATER AUDIT CONSERVATION \$4,475 \$135 WATER LEAK REPAIR \$88,591 \$8,614 \$39,461 WATER QUALITY RESOLUTION \$2,116 \$518 \$74 WELL MAINTENANCE \$763 \$203 WELL OPERATION \$2,419 \$5,727 \$2,985 WELL REPAIR \$242 WW19 O\_M Total \$413,270 | \$380,704 | \$384,095

WW#19 Lab	oor Distribution of Lab	or Cost - Comparison bet	ween Fisc	al Years	
Sum of Charge	Amount		FY		
PROGRAM COI	Program Name	Description	2017	2018	2019
		CHEMICAL SYSTEM			
P6039130	WW19 O_M ALL WELLS	MAINTENANCE	\$139	\$2,440	
		HYDRAULIC VALVE			
		MAINTENANCE		\$1,368	\$1,405
		LABORATORY AND			
		REGULATORY RPTS		\$211	
		METER REPLACEMENT		\$338	
		PUMP AND LIFT STATION			
		MAINT			\$132
		RESERVOIR MAINTENANCE	\$612		
		ROUTINE OFFICE	\$3,857	\$4,983	\$4,906
		SCADA SYSTEM MAINT AND			
		REPAIR	\$365		
		SITE MAINT AND WEED			
		ABATE	\$173	\$751	\$1,076
		STANDBY GEN PUMP INSPEC			
		AND TEST		\$338	\$1,059
		SYSTEM OPERATION	\$277	\$474	\$331
		TECHNICAL SERVICES	\$115		
		TRAINING	\$273		
		WATER AND WASTEWATER			
		SAMPLING		\$349	\$452
		WATER AND WASTEWATER			
		TESTING	\$17	\$1,080	\$371
		WELL MAINTENANCE	\$6,291	\$8,887	\$5,413
		WELL OPERATION	\$88,995	\$56,536	\$81,304
	WW19 O_M ALL WELLS				
	Total		\$101,114	\$77,754	\$96,450

WW#19 Lak	oor Distribution of Lab	or Cost - Comparison bet	ween Fisc	al Years	
Sum of Charge	Amount		FY		
PROGRAM COI	Program Name	Description	2017	2018	2019
	WW19O_M WELL	CHEMICAL SYSTEM			
P6039131	2BOOSTER	MAINTENANCE	\$4,873	\$872	\$4,216
		HYDRAULIC VALVE			
		MAINTENANCE	\$399	\$2,085	\$1,022
		MEETINGS CONFERENCES		\$309	
		PUMP AND LIFT STATION			
		MAINT	\$603	\$206	\$201
		PUMP AND LIFT STATION			
		REPAIR		\$513	\$244
		SCADA SYSTEM MAINT AND			
		REPAIR	\$448		
		SITE MAINT AND WEED			
		ABATE		\$638	\$149
		STANDBY GEN PUMP INSPEC			
		AND TEST		\$406	
		WATER AND WASTEWATER			
		SAMPLING			\$341
		WATER AND WASTEWATER			
		TESTING			\$366
		WELL MAINTENANCE	\$987	\$1,159	\$3,065
		WELL OPERATION	\$1,210	\$303	\$3,569
		WELL REPAIR	\$2,836	\$3,202	\$3,407
	WW19O_M WELL				
	2BOOSTER Total		\$11,355	\$9,692	\$16,580

WW#19 Lab	or Distribution of Labo	r Cost - Comparison bety	ween Fisc	al Years	
Sum of Charge	Amount		FY		
PROGRAM COI	Program Name	Description	2017	2018	2019
	WW190_M	CHEMICAL SYSTEM			
P6039132	WELL3BOOSTER	MAINTENANCE	\$1,709	\$6,523	\$7,152
		HYDRAULIC VALVE			
		MAINTENANCE		\$4,150	\$223
		PUMP AND LIFT STATION			
		REPAIR	\$242		
		RESERVOIR MAINTENANCE			\$1,339
		SCADA SYSTEM MAINT AND			
		REPAIR	\$391		\$1,304
		SCADA SYSTEM UPGRADE			\$427
		SITE MAINT AND WEED			
		ABATE			\$942
		STANDBY GEN PUMP INSPEC			
		AND TEST		\$392	
		VALVE REPAIR AND			
		REPLACEMENT		\$737	
		WATER AND WASTEWATER			
		SAMPLING	\$69		
		WATER AND WASTEWATER			
		TESTING	\$206		
		WELL MAINTENANCE	\$560	\$819	\$1,709
		WELL OPERATION	\$85	\$925	\$201
		WELL REPAIR	\$162	\$5,209	\$9,243
	WW190_M WELL3BOOSTER				
	Total		\$3,423	\$18,756	\$22,540

	bor Distribution of Labo	r Cost - Comparison bety	ween Fisc	al Years	
Sum of Charge			FY		
	l Program Name	Description	2017	2018	2019
		CHEMICAL SYSTEM			
P6039134	WW19O_M WELL4	MAINTENANCE	\$2,056	\$3,822	\$434
		HYDRAULIC VALVE			
		MAINTENANCE	\$1,143	\$3,465	\$319
		PUMP AND LIFT STATION			
		MAINT	\$156	\$171	\$74
		PUMP AND LIFT STATION			
		REPAIR	\$541	\$291	
		ROUTINE OFFICE		\$56	
		SCADA SYSTEM MAINT AND			
		REPAIR	\$654	\$1,440	
		SCADA SYSTEM UPGRADE	\$397	\$1,213	
		SITE MAINT AND WEED			
		ABATE	\$2,258	\$628	\$199
		STANDBY GEN PUMP INSPEC			
		AND TEST	\$760	\$432	
		SYSTEM EMERGENCIES		\$251	
		SYSTEM OPERATION		\$135	
		VALVE MAINTENANCE		\$256	
		WATER LEAK REPAIR			\$201
		WELL MAINTENANCE	\$5,484	\$23,540	\$23,350
		WELL OPERATION	\$2,241	\$7,600	\$4,186
		WELL REPAIR	\$11,534	\$2,534	\$1,219
	WW19O_M WELL4 Total		\$27,224	\$45,836	\$29,981
	WW19 O_M ALL				
P6039140	TURNOUTS	ROUTINE OFFICE		\$56	
		SCADA SYSTEM MAINT AND			
		REPAIR	\$555		
		SCADA SYSTEM UPGRADE		\$239	
	WW19 O_M ALL TURNOUTS				
	Total		\$555	\$295	
	WW19 O_M ALL	PUMP AND LIFT STATION			
P6039150	BOOSTER	MAINT		\$633	\$297
		PUMP AND LIFT STATION			
		REPAIR		\$103	
		ROUTINE OFFICE		\$308	
	WW19 O_M ALL BOOSTER				
	Total			\$1,044	\$297
	WW190_M BS DONLON	PUMP AND LIFT STATION			
P6039151	RD	REPAIR	\$21,732		
	WW190_M BS DONLON RD				
	Total		\$21,732		

,	n (Multiple Items)				
<b>WW#19 La</b>	bor Distribution of Labo	or Cost - Comparison bety	ween Fisca	al Years	
Sum of Charge	e Amount		FY		
PROGRAM CO	l Program Name	Description	2017	2018	2019
	WW19O_M BS				
P6039152	GREENTREE	CAPITAL PROJECT SUPPORT			\$298
		HYDRAULIC VALVE			
		MAINTENANCE	\$139	\$1,005	\$3,514
		MEETINGS CONFERENCES		\$309	\$301
		METER REPLACEMENT			\$904
		ON SITE INSPECTION			\$298
		PERMIT INSPECTION	\$190		•
		PUMP AND LIFT STATION			
		MAINT	\$698	\$342	\$446
		PUMP AND LIFT STATION	,	, -	, -
		REPAIR	\$698	\$405	\$2,015
		SCADA SYSTEM MAINT AND	7	7 100	7-/
		REPAIR	\$2,104		\$593
		SCADA SYSTEM UPGRADE	\$1,703		\$1,103
		SITE MAINT AND WEED	71,703		71,103
		ABATE		\$135	
		STANDBY GEN PUMP INSPEC		7133	
		AND TEST	\$598		\$155
		SYSTEM EMERGENCIES	7550		\$885
		SYSTEM OPERATION	\$546	\$538	\$1,518
	WW190_M BS GREENTREE	STSTEM OF ENVIRON	75-10	7550	71,310
	Total		\$6,676	\$2,733	\$12,030
	WW 19 O_M BS 538	HYDRAULIC VALVE	30,070	72,733	712,030
P6039153	RESERVOIR	MAINTENANCE	\$277	\$2,216	\$149
1 0033133	RESERVOIR	PUMP AND LIFT STATION	7211	72,210	7143
		MAINT	\$349	\$1,423	
		PUMP AND LIFT STATION	7343	71,423	
		REPAIR	\$1,687	\$1,300	
		RESERVOIR MAINTENANCE	\$346	Ş1,300	
		SCADA SYSTEM MAINT AND	Ş340		
		REPAIR	\$197		
	-		\$499		
	-	SCADA SYSTEM UPGRADE	Ş499		
		SITE MAINT AND WEED ABATE	¢200	¢274	
		SYSTEM OPERATION	\$300	\$271	Ċ101
			\$309		\$181
		VALVE REPAIR AND	Ċ A A A		
	W/W/ 40 O M PC 530	REPLACEMENT	\$444		
	WW 19 O_M BS 538		64.400	ćE 200	6000
	RESERVOIR Total		\$4,408	\$5,209	\$329

	(Wattiple Rems)			_	
WW#19 Lal	oor Distribution of Labo	r Cost - Comparison bet	ween Fisca	al Years	
Sum of Charge			FY		
PROGRAM CO	Program Name	Description	2017	2018	2019
		HYDRAULIC VALVE	1		
P6039154	WW19O_M BS 860 RESV	MAINTENANCE			\$446
		PUMP AND LIFT STATION			
		MAINT	\$150		\$627
		PUMP AND LIFT STATION			
		REPAIR		\$7,149	\$1,866
		RESERVOIR MAINTENANCE		\$86	
		SCADA SYSTEM UPGRADE		\$358	
		SITE MAINT AND WEED			
		ABATE	1	\$256	
		STANDBY GEN PUMP INSPEC			
		AND TEST	\$50		
		SYSTEM OPERATION		\$991	\$1,405
	WW190_M BS 860 RESV				
	Total		\$199	\$8,840	\$4,345
		PUMP AND LIFT STATION			
P6039155	WW190_M BS 1030 RESV	MAINT	\$288	\$203	
		PUMP AND LIFT STATION			
		REPAIR	1	\$309	
		RESERVOIR MAINTENANCE		\$206	
		SCADA SYSTEM MAINT AND			
		REPAIR	1		\$223
		SITE MAINT AND WEED	1		-
		ABATE	\$100		
	WW190_M BS 1030 RESV				
	Total		\$388	\$718	\$223
	WW 19 O_M BSTR SAND	HYDRAULIC VALVE			
P6039157	CYN	MAINTENANCE	\$2 <i>,</i> 871	\$1,818	\$1,753
		PUMP AND LIFT STATION			
		MAINT		\$110	
		PUMP AND LIFT STATION			
		REPAIR		\$787	
		SYSTEM OPERATION	\$289	\$927	\$45
		WATER LEAK REPAIR	\$637		
	WW 19 O_M BSTR SAND				
	CYN Total		\$3,797	\$3,642	\$1,798

WW#19 Lat	oor Distribution of Labo	r Cost - Comparison betw	veen Fisc	al Years	
Sum of Charge			FY		
	Program Name	Description	2017	2018	2019
		BOUNDARY AND ROW			
P6039160	WW19 O_M MAINSLINES	SURVEY	\$907		
	_	DESIGN SURVEYING	\$4,636		
		FIELD SURVEY	\$4,302		
		PROJ MGT CONSULTANT PROJ	\$14,288		
		SURVEY ANALYSIS	\$635		
		WATER LEAK REPAIR	·		\$481
	WW19 O_M MAINSLINES				·
	 Total		\$24,769		\$481
		HYDRAULIC VALVE	. ,		
P6039170	WW19 O_M ALL PRSRED	MAINTENANCE	\$17,227	\$15,618	\$17,579
	_	PUMP AND LIFT STATION		·	
		REPAIR	\$162		
		ROUTINE OFFICE	\$195		
		SCADA SYSTEM UPGRADE	\$199		
		SITE MAINT AND WEED			
		ABATE	\$1,225	\$110	
	WW19 O_M ALL PRSRED				
	Total		\$19,007	\$15,727	\$17,579
	WW19 O_M ALL				
P6039180	RESERVOIRS	RESERVOIR MAINTENANCE	\$3,966		\$1,332
		SITE MAINT AND WEED			
		ABATE			ć140
					\$149
		WELL REPAIR	\$121		\$149
	WW19 O_M ALL	WELL REPAIR	\$121		\$149
	WW19 O_M ALL RESERVOIRS Total	WELL REPAIR	\$121 <b>\$4,087</b>		\$1,481
	_	WELL REPAIR  HYDRAULIC VALVE			
P6039182	RESERVOIRS Total				
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE		\$171	\$1,481
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE		\$171	\$1,481
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE		\$171 \$7,115	\$1,481
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS		·	\$1,481
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS PROJ MGT CONSULTANT PROJ		·	\$1,481
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS  PROJ MGT CONSULTANT PROJ PUMP AND LIFT STATION	\$4,087	·	<b>\$1,481</b> \$3,645
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS  PROJ MGT CONSULTANT PROJ PUMP AND LIFT STATION MAINT	<b>\$4,087</b> \$100	\$7,115	<b>\$1,481</b> \$3,645 \$299
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS  PROJ MGT CONSULTANT PROJ PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE	<b>\$4,087</b> \$100	\$7,115	\$1,481 \$3,645 \$299 \$31,039
P6039182	RESERVOIRS Total  WW190_M RESV  GREENTREE	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS  PROJ MGT CONSULTANT PROJ PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE SCADA SYSTEM UPGRADE	<b>\$4,087</b> \$100	\$7,115	\$1,481 \$3,645 \$299 \$31,039
P6039182	RESERVOIRS Total WW190_M RESV	HYDRAULIC VALVE MAINTENANCE LINE LOCATIONS  PROJ MGT CONSULTANT PROJ PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE SCADA SYSTEM UPGRADE SITE MAINT AND WEED	\$4,087 \$100 \$8,586	\$7,115	\$1,481 \$3,645 \$299 \$31,039 \$301

iviajoi Program	n (wulliple items)				
WW#19 La	bor Distribution of Labo	or Cost - Comparison betv	veen Fisca	al Years	
Sum of Charge			FY		
PROGRAM CO	l Program Name	Description	2017	2018	2019
	WW19 O_M BALCOM	HYDRAULIC VALVE			
P6039183	CAN RES	MAINTENANCE			\$265
		RESERVOIR MAINTENANCE	\$2,204	\$2,079	
		SCADA SYSTEM MAINT AND			
		REPAIR	\$698	\$135	
		SCADA SYSTEM UPGRADE		\$943	
		SYSTEM OPERATION		\$1,087	\$402
		WATER LEAK REPAIR			\$620
	WW19 O_M BALCOM CAN				
	RES Total		\$2,902	\$4,245	\$1,287
	WW19 O_M 104538FT	HYDRAULIC VALVE			
P6039184	RES	MAINTENANCE	\$1,126		
		PROJ MGT CONSULTANT PROJ		\$4,388	
		PROPERTY OWNERSHIP			
		RESEARCH	\$962	\$164	
		RESERVOIR MAINTENANCE	\$1,580	\$2,125	\$223
		SITE MAINT AND WEED			·
		ABATE		\$135	
		STANDBY GEN PUMP INSPEC			
		AND TEST			\$703
		SYSTEM OPERATION	\$199	\$165	
	WW19 O_M 104538FT RES		·		
	Total		\$3,866	\$6,978	\$926
	WW19 O_M 104860FT	HYDRAULIC VALVE			-
P6039185	RES	MAINTENANCE	\$299	\$274	\$372
		PUMP AND LIFT STATION			
		MAINT	\$100		
		PUMP AND LIFT STATION			
		REPAIR		\$618	
		RESERVOIR MAINTENANCE		\$1,214	
		SCADA SYSTEM MAINT AND			
		REPAIR	\$344		
		SITE MAINT AND WEED			
		ABATE		\$55	
		STANDBY GEN PUMP INSPEC			
		AND TEST	\$100		
		SYSTEM OPERATION	\$43	\$86	\$1,245
	WW19 O_M 104860FT RES				. , -
	Total		\$885	\$2,246	\$1,617

WW#19 Lal	hor Distribution of Labo	r Cost - Comparison bety	ween Fisc	al Years	
Sum of Charge		r cost companson sett	FY	ar rears	
	l Program Name	Description	2017	2018	2019
	WW19 O_M 1041030FT	PUMP AND LIFT STATION			
P6039186	RES	MAINT	\$100	\$52	
		RESERVOIR MAINTENANCE	,	\$3,113	\$520
		SCADA SYSTEM MAINT AND		. ,	·
		REPAIR		\$771	\$513
		SCADA SYSTEM UPGRADE	\$100		
		SITE MAINT AND WEED			
		ABATE	\$81		
		SYSTEM OPERATION		\$670	
	WW19 O_M 1041030FT RES				
	Total		\$280	\$4,605	\$1,033
P6039400	WW19 SPECIAL PROJECTS	DEVELOPMENT INSPECTION		\$1,474	\$5,975
		ENGINEERING SERVICES	\$2,212	\$8,350	\$25,652
		MEETINGS CONFERENCES	\$61	\$49	\$4,129
		ON SITE INSPECTION		\$737	
		PLAN CHECKING		\$164	\$194
		PROJ MGT CONSULTANT PROJ	\$49,819	\$34,744	\$47,450
	WW19 SPECIAL PROJECTS				
	Total		\$52,092	\$45,518	\$83,401
	WW19 REAL ESTATE				
P6039402	SERVIC	LEASING SERVICES			\$246
		PROPERTY LEASE	4		
		MANAGEMENT	\$932	40.700	do 160
	NAME OF ALL SCRAFE CERVIC	REAL ESTATE RESEARCH	\$2,404	\$2,793	\$2,462
	WW19 REAL ESTATE SERVIC		ć2 22C	ća 702	ć2 <b>7</b> 00
	Total		\$3,336	\$2,793	\$2,709
DC02040C	WW19 ENGR SERV	DEVELOPMENT INCRECTION		ćoa	
P6039406	CONSULT	DEVELOPMENT INSPECTION		\$82	¢20.000
		ENGINEERING SERVICES MEETINGS CONFERENCES		¢1.6.4	\$28,680
	WW19 ENGR SERV	IVILETINGS CONFERENCES		\$164	
	CONSULT Total			\$246	\$28,680
	CONSOLITOIAI			<b>Ş</b> 240	<b>₹20,08U</b>

WW#19 Labor Distribution of Labor Cost - Comparison between Fiscal Years						
Sum of Charge	e Amount		FY			
PROGRAM CO	l Program Name	Description	2017	2018	2019	
	WW19LAB TEST,					
P6039408	SAMPLE_ REPORT	ADMINISTRATION	\$2,881	\$3,913	\$2,160	
		CROSS CONN CONTRL	\$1,006			
		LABORATORY AND				
		REGULATORY RPTS	\$7,064	\$7,133	\$11,954	
		WASTEWATER PLANT				
		OPERATIONS	\$676			
		WATER AND WASTEWATER				
		SAMPLING	\$855	\$556	\$2,569	
		WATER AND WASTEWATER				
		TESTING	\$410	\$418	\$371	
		WATER QUALITY RESOLUTION			\$211	
	WW19LAB TEST, SAMPLE_					
	REPORT Total		\$12,893	\$12,020	\$17,264	
	WW19 WTR CONSRVTN					
P6039425	PRGM	ADMINISTRATION	\$14,914	\$9,624	\$47,801	
		CUSTOMER ACCOUNT				
		ACTIVITY		\$3,469		
		DATA INPUT		\$334		
		MEETINGS CONFERENCES	\$6,557			
		ROUTINE OFFICE	\$29,134	\$20,437		
	WW19 WTR CONSRVTN					
	PRGM Total		\$50,605	\$33,864	\$47,801	
	WTR FACILITIES					
P6039503	VERIFICATION	ENGINEERING SERVICES	\$10,077	\$11,669	\$49,806	
	WTR FACILITIES					
	VERIFICATION Total		\$10,077	\$11,669	\$49,806	
	WW19CITRUS HILLS					
P6039504	PM5508	ENGINEERING SERVICES			\$35	
	WW19CITRUS HILLS					
	PM5508 Total				\$35	
<b>Grand Total</b>			\$788,241	\$702,814	\$858,204	

### WW#19 Labor Distribution of Labor Hours - Comparison between Fiscal Years

**Sum of Hours** 2019 PROGRAM CC Program Name Description 2017 2018 P6039100 WW19 O M ADMINISTRATION 21 231.5 150.5 AIR VAC REPAIR AND REPLACEMENT 300.5 21 AMR METER MAINT CALIBRATION 88 194 56 CAPITAL CONSTR PROJ 2 2 CROSS CONN CONTRL 44 2.5 139.5 191.5 151.5 **CUSTOMER ACCOUNT ACTIVITY CUSTOMER SERVICE** 61 98 **EROSION CONTROL** 1 FIRE FLOW TESTING 25 44 13 FIRE HYDRANT AND BLOW OFF MAINT 126.5 147 51 46 HYDRAULIC VALVE MAINTENANCE 177 117.5 IN SHOP METER MAINTENANCE LINE LOCATIONS 159 98.5 213.5 **MEETINGS CONFERENCES** METER BOX MAINTENANCE 4.5 METER READING AND READING **ADMIN** 257 267.5 283.5 47.5 METER REPLACEMENT 46 41 NEW METER INSTALLATION PUMP AND LIFT STATION MAINT 13 11.5 4.5 PUMP AND LIFT STATION REPAIR 23 6 RESERVOIR MAINTENANCE 137.25 186.5 **ROUTINE OFFICE** 164 SCADA SYSTEM MAINT AND REPAIR 25 26 20 SCADA SYSTEM UPGRADE 82 8 5 280.5 444 SERVICE REPLACEMENT 287 53 SITE MAINT AND WEED ABATE 10 4 51 **SPECIAL STUDIES** STANDBY GEN PUMP INSPEC AND TEST 70 79 50.5 **SUPERVISION** 380.5 560 589.5 SYSTEM EMERGENCIES 16.5 13.5 SYSTEM FLUSHING 179 96 106.5 769 627.5 713.5 SYSTEM OPERATION **TECHNICAL SERVICES** 10 **TRAINING** 12.5 5 **VALVE MAINTENANCE** 341 503.5 29 VALVE REPAIR AND REPLACEMENT 117.5 283.5 VEHICLE EQUIPMENT MAINTENANCE

WW#19 Labor Distribution of Labor Hours - Comparison between Fiscal Years					
oum of Hours		FY			
PROGRAM CC Program Name	Description	2017	2018	2019	
WW19 O_M	WASTEWATER PLANT OPERATIONS	1		0.5	
	WATER AND WASTEWATER				
	SAMPLING			19	
	WATER AND WASTEWATER				
	TESTING	0.5			
	WATER AUDIT CONSERVATION	56	2		
	WATER LEAK REPAIR	1134.5	98	484.	
	WATER QUALITY RESOLUTION	21	5		
	WELL MAINTENANCE	13	3		
	WELL OPERATION	34	68.5	34	
	WELL REPAIR	3			
WW19 O_M Total		4832.75	4263.5	4320	

P6039130  WW19 O_M ALL WELLS  CHEMICAL SYSTEM MAINTENANCE  HYDRAULIC VALVE MAINTENANCE  LABORATORY AND REGULATORY RPTS  METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE  ROUTINE OFFICE  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST  SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER TESTING  0.	2 35 16 2 5	20
P6039130  WW19 O_M ALL WELLS  CHEMICAL SYSTEM MAINTENANCE  HYDRAULIC VALVE MAINTENANCE  LABORATORY AND REGULATORY RPTS  METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE  84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	2 35 16 2 5 9 5 89 4 5 13 5 4 7	20 2 84.5
HYDRAULIC VALVE MAINTENANCE  LABORATORY AND REGULATORY RPTS  METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	16 2 5 9 5 89 4 5 13 5 4 7	20 2 84.5
HYDRAULIC VALVE MAINTENANCE  LABORATORY AND REGULATORY RPTS  METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	16 2 5 9 5 89 4 5 13 5 4 7	20 2 84.5
LABORATORY AND REGULATORY RPTS  METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE  84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	2 5 9 5 89 4 5 13 5 4 7	2 84.5 16
RPTS  METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE 2 STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 9 5 89 4 5 13 5 4 7	84.5 16
METER REPLACEMENT  PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 9 5 89 4 5 13 5 4 7	84.5 16
PUMP AND LIFT STATION MAINT RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	9 5 89 4 5 13 5 4 7	84.5 16
RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 89 4 5 13 5 4 7	84.5 16
RESERVOIR MAINTENANCE ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 89 4 5 13 5 4 7	84.5 16
ROUTINE OFFICE 84.  SCADA SYSTEM MAINT AND REPAIR  SITE MAINT AND WEED ABATE 2  STANDBY GEN PUMP INSPEC AND TEST  SYSTEM OPERATION  TECHNICAL SERVICES  TRAINING  WATER AND WASTEWATER  SAMPLING  WATER AND WASTEWATER	5 89 4 5 13 5 4 7	16 16
SCADA SYSTEM MAINT AND REPAIR  SITE MAINT AND WEED ABATE  STANDBY GEN PUMP INSPEC AND  TEST  SYSTEM OPERATION  TECHNICAL SERVICES  TRAINING  WATER AND WASTEWATER  SAMPLING  WATER AND WASTEWATER	4 5 13 5 4 7 1	16 16
SITE MAINT AND WEED ABATE  STANDBY GEN PUMP INSPEC AND TEST  SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 13 5 4 7 1	16
SITE MAINT AND WEED ABATE  STANDBY GEN PUMP INSPEC AND TEST  SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 13 5 4 7 1	16
STANDBY GEN PUMP INSPEC AND TEST  SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	5 4 7 1	16
TEST SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	4 7 1	
SYSTEM OPERATION TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	4 7 1	
TECHNICAL SERVICES TRAINING WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	1	5
TRAINING  WATER AND WASTEWATER  SAMPLING  WATER AND WASTEWATER		
WATER AND WASTEWATER SAMPLING WATER AND WASTEWATER	2	
SAMPLING WATER AND WASTEWATER		
WATER AND WASTEWATER	5	6
	-	0
TESTING 0.	5 11.25	5
WELL MAINTENANCE	3 127.5	
WELL OPERATION 10		
WW19 O_M ALL WELLS		
Total 12	5 1093.25	1283
WW190_M WELL		
P6039131 2BOOSTER CHEMICAL SYSTEM MAINTENANCE	8 12	54
HYDRAULIC VALVE MAINTENANCE	4 29	12
MEETINGS CONFERENCES	3	
PUMP AND LIFT STATION MAINT	7 2	2
PUMP AND LIFT STATION REPAIR	6	2
SCADA SYSTEM MAINT AND REPAIR	4	
SITE MAINT AND WEED ABATE STANDBY GEN PUMP INSPEC AND	10	2
TEST		
WATER AND WASTEWATER	6	
SAMPLING		3
WATER AND WASTEWATER	+	3
TESTING		4
	4 16	
	3 4	
	8 28.5	
WW19O_M WELL	1	
_	8 116.5	180.5

WW#19 Labor Distribution of Labor Hours - Comparison between Fiscal Years							
Sum of Hours			FY				
PROGRAM CO	Program Name	Description	2017	2018	2019		
	WW190_M						
P6039132	WELL3BOOSTER	CHEMICAL SYSTEM MAINTENANCE	19.5	90	87		
		HYDRAULIC VALVE MAINTENANCE		59.5	3		
		PUMP AND LIFT STATION REPAIR	3				
		RESERVOIR MAINTENANCE			19		
		SCADA SYSTEM MAINT AND REPAIR	4		12		
		SCADA SYSTEM UPGRADE			5		
		SITE MAINT AND WEED ABATE			13		
		STANDBY GEN PUMP INSPEC AND					
		TEST		5			
		VALVE REPAIR AND REPLACEMENT		11.5			
		WATER AND WASTEWATER					
		SAMPLING	1				
		WATER AND WASTEWATER					
		TESTING	3				
		WELL MAINTENANCE	8	10	23		
		WELL OPERATION	1	10	2		
		WELL REPAIR	2	52	103.5		
	WW190_M WELL3BOOSTER Total		41.5	238	267.5		
P6039134	WW190_M WELL4	CHEMICAL SYSTEM MAINTENANCE	23	46.5	5		
		HYDRAULIC VALVE MAINTENANCE	15	45.5	3		
		PUMP AND LIFT STATION MAINT	3	2	1		
		PUMP AND LIFT STATION REPAIR	6	2			
		ROUTINE OFFICE		1			
		SCADA SYSTEM MAINT AND REPAIR	6	19			
		SCADA SYSTEM UPGRADE	4	19			
		SITE MAINT AND WEED ABATE	30.5	11	3		
		STANDBY GEN PUMP INSPEC AND	30.3				
		TEST	8	7			
		SYSTEM EMERGENCIES		2			
		SYSTEM OPERATION		2			
		VALVE MAINTENANCE		3			
		WATER LEAK REPAIR			2		
		WELL MAINTENANCE	71	309	304		
		WELL OPERATION	26.5	73	44		
		WELL REPAIR	125.5	26	10		
	WW19O_M WELL4 Total		318.5	563	372		

WW#19 Labor Distribution of Labor Hours - Comparison between Fiscal Years					
Sum of Hours		· ·	FY		
PROGRAM CO	Program Name	Description	2017	2018	2019
	WW19 O_M ALL				
P6039140	TURNOUTS	ROUTINE OFFICE		1	
		SCADA SYSTEM MAINT AND REPAIR	8		
		SCADA SYSTEM UPGRADE		2	
	WW19 O_M ALL				
	TURNOUTS Total		8	3	
	WW19 O_M ALL				
P6039150	BOOSTER	PUMP AND LIFT STATION MAINT		7	4
		PUMP AND LIFT STATION REPAIR		1	
		ROUTINE OFFICE		5.5	
	WW19 O_M ALL BOOSTER				
	Total			13.5	4
	WW19O_M BS DONLON				
P6039151	RD	PUMP AND LIFT STATION REPAIR	278		
	WW19O_M BS DONLON RD				
	Total		278		
	WW19O_M BS				
P6039152	GREENTREE	CAPITAL PROJECT SUPPORT			2
		HYDRAULIC VALVE MAINTENANCE	2	13	50
		MEETINGS CONFERENCES		3	3
		METER REPLACEMENT			9
		ON SITE INSPECTION			2
		PERMIT INSPECTION	2		
		PUMP AND LIFT STATION MAINT	7	4	6
		PUMP AND LIFT STATION REPAIR	7	4	19
		SCADA SYSTEM MAINT AND REPAIR	25.5		5
		SCADA SYSTEM UPGRADE	24		11
		SITE MAINT AND WEED ABATE		2	
		STANDBY GEN PUMP INSPEC AND			
		TEST	6		1.5
		SYSTEM EMERGENCIES			8
		SYSTEM OPERATION	4.5	6	17
	WW19O_M BS GREENTREE				
	Total		78	32	133.5

		oor Hours - Comparison betw	veen Fisc	cal Year	S
Sum of Hours			FY		
PROGRAM CO	Program Name	Description	2017	2018	2019
	WW 19 O_M BS 538				
P6039153	RESERVOIR	HYDRAULIC VALVE MAINTENANCE	4	30.5	2
		PUMP AND LIFT STATION MAINT	3.5	15	
		PUMP AND LIFT STATION REPAIR	20.5	12.5	
		RESERVOIR MAINTENANCE	5		
		SCADA SYSTEM MAINT AND REPAIR	2		
		SCADA SYSTEM UPGRADE	5		
		SITE MAINT AND WEED ABATE	4	4	
		SYSTEM OPERATION	3		2
		VALVE REPAIR AND REPLACEMENT	5.5		
	WW 19 O_M BS 538		0.0		
	RESERVOIR Total		52.5	62	4
			32.3	- 02	
P6039154	WW190 M BS 860 RESV	HYDRAULIC VALVE MAINTENANCE			6
10033134	WW130_W B3 800 KESV	ITTORAGEIC VALVE MAINTENANCE			0
		PUMP AND LIFT STATION MAINT	1.5		10
		POWE AND LIFT STATION MAINT	1.5		10
		DUNAD AND LIET CTATION DEDAIR		75.5	10
		PUMP AND LIFT STATION REPAIR		75.5	18
		RESERVOIR MAINTENANCE		1	
		SCADA SYSTEM UPGRADE		3	
		SITE MAINT AND WEED ABATE		3	
		STANDBY GEN PUMP INSPEC AND			
		TEST	0.5		
		SYSTEM OPERATION		9.5	20
	WW19O_M BS 860 RESV				
	Total		2	92	54
	WW19O_M BS 1030				
P6039155	RESV	PUMP AND LIFT STATION MAINT	3.5	3	
		PUMP AND LIFT STATION REPAIR		3	
		RESERVOIR MAINTENANCE		2	
		SCADA SYSTEM MAINT AND REPAIR			3
		SITE MAINT AND WEED ABATE	1		
	WW19O_M BS 1030 RESV				
	Total		4.5	8	3
	WW 19 O_M BSTR SAND				
P6039157	CYN	HYDRAULIC VALVE MAINTENANCE	38	28	25
		PUMP AND LIFT STATION MAINT		1.5	
		/ W.D. E.I. / ST/WIOW W/WWW		1.5	
		PUMP AND LIFT STATION REPAIR		7	
		SYSTEM OPERATION	3	10.5	0.5
		WATER LEAK REPAIR	8	10.3	0.5
	WW 19 O_M BSTR SAND	WATEN LEAN NEFAIN	٥		
	_		40	47	35.5
	CYN Total		49	47	25.5

WW#19 Labor Distribution of Labor Hours - Comparison between Fiscal Years						
Sum of Hours			FY			
PROGRAM CO	Program Name	Description	2017	2018	2019	
P6039160	WW19 O_M MAINSLINES	BOUNDARY AND ROW SURVEY	5			
		DESIGN SURVEYING	30.75			
		FIELD SURVEY	30.2			
		PROJ MGT CONSULTANT PROJ	102			
		SURVEY ANALYSIS	3.5			
		WATER LEAK REPAIR			9	
	WW19 O_M MAINSLINES					
	Total		171.45		9	
P6039170	WW19 O_M ALL PRSRED	HYDRAULIC VALVE MAINTENANCE	224.5	218.5	242	
		PUMP AND LIFT STATION REPAIR	2			
		ROUTINE OFFICE	4.75			
		SCADA SYSTEM UPGRADE	2			
		SITE MAINT AND WEED ABATE	17	2		
	WW19 O_M ALL PRSRED					
	 Total		250.25	220.5	242	
	WW19 O_M ALL					
P6039180	RESERVOIRS	RESERVOIR MAINTENANCE	47		16	
		SITE MAINT AND WEED ABATE			2	
		WELL REPAIR	1.5			
	WW19 O_M ALL					
	RESERVOIRS Total		48.5		18	
	WW19O_M RESV					
P6039182	GREENTREE	HYDRAULIC VALVE MAINTENANCE			45	
		LINE LOCATIONS		2		
		PROJ MGT CONSULTANT PROJ		50		
		PUMP AND LIFT STATION MAINT	1		4	
		RESERVOIR MAINTENANCE	120	4	426.5	
		SCADA SYSTEM UPGRADE			3	
		SITE MAINT AND WEED ABATE	8		2	
	WW19O_M RESV					
	GREENTREE Total		129	56	480.5	
	WW19 O_M BALCOM					
P6039183	CAN RES	HYDRAULIC VALVE MAINTENANCE			4	
		RESERVOIR MAINTENANCE	27	30		
		SCADA SYSTEM MAINT AND REPAIR	7	2		
		SCADA SYSTEM UPGRADE		10		
		SYSTEM OPERATION		12	4	
		WATER LEAK REPAIR			9	
	WW19 O_M BALCOM CAN					
	RES Total		34	54	17	
				- 1	-	

		WW#19 Labor Distribution of Labor Hours - Comparison between Fiscal Years						
Sum of Hours			FY					
PROGRAM CC P	Program Name	Description	2017	2018	2019			
	WW19 O_M 104538FT							
P6039184	RES	HYDRAULIC VALVE MAINTENANCE	13					
		PROJ MGT CONSULTANT PROJ		23				
		PROPERTY OWNERSHIP RESEARCH	6	1				
		RESERVOIR MAINTENANCE	21	28	3			
		SITE MAINT AND WEED ABATE		2				
		STANDBY GEN PUMP INSPEC AND						
		TEST			7			
		SYSTEM OPERATION	2	2				
T.	WW19 O_M 104538FT RES							
	rotal		42	56	10			
-	WW19 O_M 104860FT			- 50				
P6039185	RES	HYDRAULIC VALVE MAINTENANCE	3	5	5			
F0039183	KLJ	ITTORAGEIC VALVE MAINTENANCE	3	3				
		PUMP AND LIFT STATION MAINT	1					
-		POWE AND LIFT STATION MAINT	1					
		DUMAD AND LIFT CTATION DEDAID		_				
-		PUMP AND LIFT STATION REPAIR		6				
-		RESERVOIR MAINTENANCE		12.5				
_		SCADA SYSTEM MAINT AND REPAIR	3.5					
_		SITE MAINT AND WEED ABATE		1				
		STANDBY GEN PUMP INSPEC AND						
_		TEST	1					
_		SYSTEM OPERATION	0.5	1	15			
Į v	WW19 O_M 104860FT RES							
<u>T</u>	Total		9	25.5	20			
	WW19 O_M 1041030FT							
P6039186	RES	PUMP AND LIFT STATION MAINT	1	0.5				
		RESERVOIR MAINTENANCE		41	7			
		SCADA SYSTEM MAINT AND REPAIR		8.5	6			
		SCADA SYSTEM UPGRADE	1					
		SITE MAINT AND WEED ABATE	1					
		SYSTEM OPERATION		6.5				
v	WW19 O_M 1041030FT							
F	RES Total		3	56.5	13			
	WW19 SPECIAL							
P6039400	PROJECTS	DEVELOPMENT INSPECTION		18	65			
		ENGINEERING SERVICES	30	116	229.75			
		MEETINGS CONFERENCES	1	0.75	37			
		ON SITE INSPECTION		9				
		PLAN CHECKING		2	2			
		PROJ MGT CONSULTANT PROJ	356	245.5	321			
<u>,                                    </u>	WW19 SPECIAL PROJECTS		330	5.5				
	Total		387	391.25	654.75			
		<u>I</u>	507	551.25	334.73			

		bor Hours - Comparison betv		cal Year	S
Sum of Hours			FY		
PROGRAM CO	Program Name	Description	2017	2018	2019
	WW19 REAL ESTATE				_
P6039402	SERVIC	LEASING SERVICES			2
		PROPERTY LEASE MANAGEMENT	6		
		REAL ESTATE RESEARCH	15	17	15
	WW19 REAL ESTATE				
	SERVIC Total		21	17	17
	WW19 ENGR SERV				
P6039406	CONSULT	DEVELOPMENT INSPECTION		1	
		ENGINEERING SERVICES			194
		MEETINGS CONFERENCES		2	
	WW19 ENGR SERV				
	CONSULT Total			3	194
	WW19LAB TEST,				
P6039408	SAMPLE_ REPORT	ADMINISTRATION	41	53	25
		CROSS CONN CONTRL	15		
		LABORATORY AND REGULATORY			
		RPTS	99	91.5	129
		WASTEWATER PLANT OPERATIONS	13		
		WATER AND WASTEWATER			
		SAMPLING	10.5	7.75	25.5
		WATER AND WASTEWATER	_		_
		TESTING	5	6	5
		WATER QUALITY RESOLUTION			2
	WW19LAB TEST, SAMPLE_				
	REPORT Total		183.5	158.25	186.5
55000405	WW19 WTR CONSRVTN	A DA ANALISTO A TION	454.40	70	202.5
P6039425	PRGM	ADMINISTRATION	151.12	79	382.5
		CUSTOMER ACCOUNT ACTIVITY		32	
		DATA INPUT	C1 C2	20	
		MEETINGS CONFERENCES	61.63 396	220 E	
	WAYAAA WATE CONSENTAL	ROUTINE OFFICE	390	239.5	
	WW19 WTR CONSRVTN PRGM Total		608.75	370.5	382.5
	WTR FACILITIES		008.73	370.3	362.3
P6039503	VERIFICATION	ENGINEERING SERVICES	72	82	337
1 0033303	WTR FACILITIES	ENGINEERING SERVICES	72	02	337
	VERIFICATION Total		72	82	337
	WW19CITRUS HILLS		,,,	- 02	337
P6039504	PM5508	ENGINEERING SERVICES			0.5
3223007	WW19CITRUS HILLS				0.5
	PM5508 Total				0.5
Grand Total		1	9037.2	8022.25	9228.75