



Yucaipa Valley Water District

12770 Second Street, Yucaipa, California 92399 Phone: (909) 797-5117

Notice and Agenda of a Regular Meeting of the Board of Directors

Tuesday, July 18, 2017 at 6:00 p.m.

- I. **CALL TO ORDER** - Pledge of Allegiance
- II. **ROLL CALL**
- III. **PUBLIC COMMENTS** - At this time, members of the public may address the Board of Directors on matters within its jurisdiction. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the board meeting.
- IV. **CONSENT CALENDAR** - All consent calendar matters are routine and will be acted upon in one motion. There will be no discussion of these items unless board members, administrative staff, or members of the public request specific items to be discussed and/or removed prior to the vote for approval.
 - A. Minutes of Meetings
 - 1. Regular Board Meeting - June 20, 2017
 - 2. Board Workshop - July 11, 2017
 - B. Payment of Bills
 - 1. Approve/Ratify Invoices for Board Awarded Contracts
 - 2. Ratify General Expenses for June 2017
- V. **STAFF REPORT**
- VI. **DISCUSSION ITEMS**
 - A. Consideration of a Contract with Dudek for Technical Assistance to Obtain Groundwater Level Monitoring Equipment at Seven Locations in the Yucaipa Basin [[Director Memorandum No. 17-059 - Page 21 of 65](#)]
RECOMMENDED ACTION: That the Board authorizes the General Manager to enter into a contract with Dudek for a sum not to exceed \$10,775.
 - B. Notice of Completion for the Contract with TSR Construction for RWB-12.4 Recycled Water Booster Station Site Improvements [[Director Memorandum No. 17-060 - Page 27 of 65](#)]
RECOMMENDED ACTION: That the Board approves Change Order No. 1 for a contract reduction of \$14,000 and authorizes the filing of the Notice of Completion and release of the retention amount of \$13,995.00 thirty-five days after the recorded date.

Any person who requires accommodation to participate in this meeting should contact the District office at (909) 797-5117, at least 48 hours prior to the meeting to request a disability-related modification or accommodation.

Materials that are provided to the Board of Directors after the meeting packet is compiled and distributed will be made available for public review during normal business hours at the District office located at 12770 Second Street, Yucaipa. Meeting materials are also available on the District's website at www.yvwd.dst.ca.us

- C. Notice of Completion for the Contract with Borden Excavating for the Construction of an 8-inch and 30-inch Water Pipelines in Acacia Avenue and First Street [[Director Memorandum No. 17-061 - Page 32 of 65](#)]
 RECOMMENDED ACTION: That the Board the filing of the Notice of Completion and release of the retention amount of \$30,928.85 thirty-five days after the recorded date.
- D. Consideration of a Proposal from G&G Environmental Compliance to Update the Yucaipa Valley Water District's Pretreatment Local Limits [[Director Memorandum No. 17-062 - Page 35 of 65](#)]
 RECOMMENDED ACTION: That the Board authorizes the General Manager to execute a contract with G&G Environmental Compliance for a sum not to exceed \$38,600.
- E. Assignment of Appointees to Represent the Yucaipa Valley Water District at the San Timoteo and Yucaipa Groundwater Sustainability Agencies [[Director Memorandum No. 17-063 - Page 47 of 65](#)]
 RECOMMENDED ACTION: That the by minute order, the Board appoints:
- Jennifer Ares as the Primary Representative and Joseph Zoba as the Alternate Representative to the San Timoteo Groundwater Sustainability Agency; and
 - Joseph Zoba as the Primary Representative and Jennifer Ares as the Alternate Representative to the Yucaipa Groundwater Sustainability Agency.
- F. Authorization to Post Delinquent accounts to the Property Tax Rolls of San Bernardino County and Riverside County [[Director Memorandum No. 17-064 - Page 48 of 65](#)]
 RECOMMENDED ACTION: That the Board adopts Resolution 2017-17 for San Bernardino County and Resolution 2017-18 for Riverside County authorizing the posting of delinquent charges to the property tax rolls.

VII. BOARD REPORTS & DIRECTOR COMMENTS

VIII. ANNOUNCEMENTS

- A. July 25, 2017 at 4:00 p.m. - Board Workshop
- B. August 1, 2017 at 6:00 p.m. - Regular Board Meeting
- C. August 8, 2017 at 4:00 p.m. - Board Workshop
- D. August 15, 2017 at 6:00 p.m. - Regular Board Meeting
- E. August 29, 2017 at 4:00 p.m. - Board Workshop
- F. September 5, 2017 at 6:00 p.m. - Regular Board Meeting
- G. September 12, 2017 at 4:00 p.m. - Board Workshop
- H. September 19, 2017 at 6:00 p.m. - Regular Board Meeting
- I. September 26, 2017 at 4:00 p.m. - Board Workshop
- J. October 3, 2017 at 6:00 p.m. - Regular Board Meeting
- K. October 10, 2017 at 4:00 p.m. - Board Workshop
- L. October 17, 2017 at 6:00 p.m. - Regular Board Meeting
- M. October 31, 2017 at 4:00 p.m. - Board Workshop
- N. November 7, 2017 at 6:00 p.m. - Regular Board Meeting
- O. November 14, 2017 at 4:00 p.m. - Board Workshop

IX. ADJOURNMENT

Consent Calendar



Yucaipa Valley Water District

MINUTES OF A REGULAR BOARD MEETING

June 20, 2017 at 6:00 P.M.

Directors Present:

Jay Bogh, President
Lonnie Granlund, Director
Chris Mann, Director
Tom Shalhoub, Director

Staff Present:

Joseph Zoba, General Manager
Allison Edmisten, Chief Financial Officer
Mike Kostelecky, Operations Manager-Water
Jennifer Ares, Water Resource Manager
Matthew Porras, Management Analyst

Directors Absent:

Bruce Granlund, Vice President

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

Linda Shelton, Customer
George Sardeson, Customer
Doug Carlson, Customer and Representative of the Home Owners Association for Oak Hills
Steve Copelan, Director San Bernardino Valley Municipal Water District
Leonard Stephenson, San Gorgonio Pass Water Agency

The regular meeting of the Board of Directors of the Yucaipa Valley Water District was called to order by Director Jay Bogh at 6:00 p.m. at the Administrative Office Building, 12770 Second Street, Yucaipa, California.

CALL TO ORDER

Director Jay Bogh led the pledge of allegiance.

FLAG SALUTE

The roll was called with, Director Jay Bogh, Director Lonni Granlund, Director Chris Mann, and Director Tom Shalhoub present. Director Bruce Granlund was absent.

ROLL CALL

Doug Carlson, Board of Directors for Home Owners Association for Oak Hills commented on the issue of street repair associated with recent water leaks in the Oak Hills area.

PUBLIC COMMENTS

Director Chris Mann moved to approve the consent calendar and Director Tom Shalhoub seconded the motion.

CONSENT CALENDAR

- A. Minutes of Meetings
 - 1. Regular Board Meeting – June 6, 2017
 - 2. Board Workshop – June 13, 2017
- B. Payments of Bills
 - 1. Approve/Ratify Invoices for Board Awarded Contracts
 - 2. Ratify General Expenses for May 2017

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

General Manager Joseph Zoba reported on current water purchase by the San Gorgonio Pass Water Agency.

STAFF REPORT

DISCUSSION ITEMS:

Following a staff presentation by Chief Financial Officer Allison Edmisten, Director Lonni Granlund moved and Director Tom Shalhoub seconded a motion that the Board adopt the budget as presented.

DM 17-050
ADOPTION OF THE
OPERATING BUDGET
AND CAPITAL
IMPROVEMENT PLAN
FOR FISCAL YEAR
2018

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Chief Financial Officer Allison Edmisten, Director Lonni Granlund moved and Director Chris Mann seconded a motion that the Board receive and file the unaudited financial report.

DM 17-051
PRESENTATION OF
THE UNAUDITED
FINANCIAL REPORT
FOR THE PERIOD
ENDING ON MAY 31,
2017

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Management Analyst Matthew Porras, Director Chris Mann moved and Director Tom Shalhoub seconded a motion that the Board authorize the General Manager to implement the Vehicle and Equipment Process for District vehicles and equipment including Unit 34, Unit 15, Unit 32, Unit 44, and Unit 14.

DM 17-052
AUTHORIZATION TO
IMPLEMENT A
SURPLUS VEHICLE
AND EQUIPMENT
PROCESS WITH KEN
PORTER AUCTIONS

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Chief Financial Officer Allison Edmisten, Director Tom Shalhoub moved and Director Lonni Granlund seconded a motion that the Board authorize the issuance of corporate purchase cards for Joseph Zoba, Kathryn Hallberg, and Matthew Porras form U.S. Bank.

DM 17-053
AUTHORIZATION TO
OBTAIN CORPORATE
PURCHASE CARDS

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Water Resource Manager Jennifer Ares, Director Chris Mann moved and Director Tom Shalhoub seconded a motion that the Board adopt Resolution 2017-17.

DM 17-054
PUBLIC HEARING -
ADOPTION OF
RESOLUTION NO.
2017-17 AMENDING
THE 2015 SAN
BERNARDINO
REGIONAL URBAN
WATER
MANAGEMENT PLAN,
CHAPTERS 1
THROUGH 5,
CHAPTER 12, AND
APPENDICES

The public hearing was opened by Director Jay Bogh at 6:16 p.m. There were no public comments or questions and the public hearing was closed.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by General Manager Joseph Zoba, Director Tom Shalhoub moved and Director Lonni Granlund seconded a motion that the Board provide direction to District staff for completion of a ballot.

DM 17-055
SELECTION OF A
CANDIDATE FOR THE
CALIFORNIA SPECIAL
DISTRICT
ASSOCIATION BOARD
OF DIRECTORS -
SEAT C

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Management Analyst Matthew Porras, Director Lonni Granlund moved and Director Tom Shalhoub seconded a motion that the Board approve the purchase of a 2016 International DuraStar 4400 cab and chassis equipped with 10 foot, 5-yard square dump bed for a sum not to exceed \$116,640.

DM 17-056
PURCHASE OF A 2016
INTERNATIONAL
DURASTAR 4400
DUMP TRUCK

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Operations Manager-Water Mike Kostecky, Director Lonni Granlund moved and Director Chris Mann seconded a motion that the Board authorize the General Manager to implement a program to distribute recycled water hauling containers from existing totes received by the District and make modifications to the program as needed.

DM 17-057
AUTHORIZATION TO
ESTABLISH A POLICY
TO DISTRIBUTE
RECYCLED WATER
HAULING
CONTAINERS TO
CUSTOMERS
PARTICIPATING IN
THE RECYCLED
WATER FILL STATION
PROGRAM

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

Following a staff presentation by Management Analyst Matthew Porras, Director Tom Shalhoub moved and Director Chris Mann seconded a motion that the Board authorize the General Manager to eliminate the fees and charges to District customers for payments by credit cards and adjust the operating budget to track the expense associated with these fees.

DM 17-058
AUTHORIZATION TO
ELIMINATE THE
CHARGES FOR
CREDIT CARD USE BY
CUSTOMERS

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Tom Shalhoub - Yes

The following reports and comments were provided:

- Director Chris Mann reported on the Beaumont Basin Watermaster meeting; the Western Heights Mutual Water Company board meeting; and the San Bernardino County Association of Special Districts meeting.
- Director Tom Shalhoub reported on the San Bernardino County Association of Special Districts meeting, the San Gorgonio Pass Water Agency meeting; and the City of Calimesa City Council meeting.

BOARD REPORTS &
DIRECTOR
COMMENTS

Director Jay Bogh called attention to the announcements listed on the agenda.

ANNOUNCEMENTS

None

CLOSED SESSION

The meeting was adjourned at 6:35 p.m.

ADJOURNMENT

Respectfully submitted,

(Seal)

Joseph B. Zoba, Secretary

MINUTES OF A BOARD WORKSHOP

July 11, 2017 at 4:00 P.M.

Directors Present:

Jay Bogh, President
Bruce Granlund, Vice President
Lonni Granlund, Director
Chris Mann, Director
Tom Shalhoub, Director

Staff Present:

Joseph Zoba, General Manager
Allison Edmisten, Chief Financial Officer
Jennifer Ares, Water Resource Manager
Mike Kostelecky, Operations Manager
John Wrobel, Regulatory and Environmental Control Manager
Ashley Gibson, Water Resource Project Supervisor

Directors Absent:

None

Consulting Staff Present:

David Wysocki, Legal Counsel

Guests and Others Present:

Jim Sullivan, Customer
Doug Carlson, Customer
Clint Lorimore, Riverside BIA
Erica Harnik, Riverside BIA
Mike Turner, Argent Management
John Ohanian, Oak Valley Partners
Jay Won, SK E&C betek
Leonard Stephenson, San Gorgonio Pass Water Agency
Mike Thornton, TKE Engineering

- I. Call to Order - 4:00 p.m.
- II. Public Comments – Leonard Stephenson read a statement about the commitment by the San Gorgonio Pass Water Agency to meet the water needs of the region.
- III. Staff Report – General Manager Joseph Zoba discussed the following topics:
 - A summary of the article, “Signs of past California 'mega-quakes' show danger of the Big One on San Andreas fault” Los Angeles Times, June 13, 2017 was provided.
 - A summary of the article, “Toilet to tap? Some in drought-prone California say it's time” Times-Herald, July 5, 2017 was provided.
 - A closed session will not be conducted at this meeting.
- IV. Presentations
 - A. Presentation of the Proposed California Water Fix [Workshop Memorandum No. 17-093] - General Manager Joseph Zoba provided an overview of the California Water Fix.
- V. Operational Updates and Reports
 - A. Overview of the 2017 Sanitary Survey of the Yucaipa Valley Water District conducted by the State Water Resources Control Board, Division of Drinking Water

[Workshop Memorandum No. 17-094] - Operations Manager Mike Kostelecky provided an overview of the District's Sanitary Survey results.

- B. Consideration of a Contract with Dudek for Technical Assistance to Obtain Groundwater Level Monitoring Equipment at Seven Locations in the Yucaipa Basin [Workshop Memorandum No. 17-095] - Water Resource Manager Jennifer Ares provided an overview of the proposed groundwater level monitoring equipment to be installed in the Yucaipa basin area.

VI. Capital Improvement Project Updates

- A. Review of Change Order and Notice of Completion for the Contract with TSR Construction for RWB-12.4 Recycled Water Booster Station Site Improvements [Workshop Memorandum No. 17-096] - General Manager Joseph Zoba provided an overview of the RWB-12.4 Recycled Water Booster Project.
- B. Notice of Completion for the Contract with Borden Excavating for the Construction of an 8-inch and 30-inch Water Pipelines in Acacia Avenue and First Street [Workshop Memorandum No. 17-097] - General Manager Joseph Zoba provided an overview of the Acacia Avenue Pipeline Project.
- C. Overview of Proposed Pipeline and Reservoir Improvements in the North Bench and Oak Hills Area [Workshop Memorandum No. 17-098] - General Manager Joseph Zoba provided an overview of proposed improvements in the Oak Hills and North Bench area. Additional comments and information were provided by Doug Carlson and Jim Sullivan.

VII. Policy Issues

- A. Concepts to Develop an Agreement between the San Gorgonio Pass Water Agency and Yucaipa Valley Water District for the Long-Term Management of Water Supplies [Workshop Memorandum No. 17-099] - General Manager Joseph Zoba provided a suggested approach to achieve common goals with the San Gorgonio Pass Water Agency.
- B. Overview of a Draft Resolution Setting the Methodology for Calculating a Facility Capacity Charge Component Related to the Purchase of Supplemental Water from the San Gorgonio Pass Water Agency [Workshop Memorandum No. 17-100] - General Manager Joseph Zoba provided information about the proposed facility capacity charge for the purchase of supplemental water. Comments related to this agenda item were provided by: Clint Lorimore, Riverside BIA; Mike Turner, Argent Management; John Ohanian, Oak Valley Partners; and Jay Won, SK E&C betek.

VIII. Administrative Issues

- A. Overview of New Law Subjecting Public Agencies to Penalties Related to Prevailing Wage Projects [Workshop Memorandum No. 17-101] - General Manager Joseph Zoba provided information about this agenda item.
- B. Review of Proposal from G&G Environmental Compliance to Update the Pretreatment Local Limits [Workshop Memorandum No. 17-102] - Regulatory and Environmental Control Manager John Wrobel provided information about this agenda item.
- C. Authorization to Issue Request for Proposals for Landscaping Related Services [Workshop Memorandum No. 17-103] - General Manager Joseph Zoba provided information about this agenda item.

- D. Status of the San Timoteo and Yucaipa Groundwater Sustainability Agencies Filing with the California Department of Water Resources [Workshop Memorandum No. 17-104] - Water Resource Manager Jennifer Ares provided information about this agenda item.
 - E. Authorization to Post Delinquent accounts to the Property Tax Rolls of San Bernardino County and Riverside Counties [Workshop Memorandum No. 17-105] - Chief Financial Officer Allison Edmisten provided information about this agenda item.
 - F. Overview of the American Water Works Association (AWWA) Water Audit Analysis Methodology [Workshop Memorandum No. 17-106] - Water Resource Manager Jennifer Ares provided information about this agenda item.
 - G. Overview of Lead Sample Results from K-12 Schools within the District's Service Area [Workshop Memorandum No. 17-107] - Operations Manager Mike Kostelecky provided information about this agenda item.
- IX. Director Comments
- Director Tom Shalhoub provided information about the Dunlap Park proposed by the City of Yucaipa for construction near the intersection of Oak Glen Road and Avenue E.
- X. Closed Session - A closed session was not conducted at this meeting
- XI. Adjournment - The meeting was adjourned at 5:27 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

Board Awarded Contracts
Consent Calendar Board Meeting - July 19, 2017

District Awarded Contracts	Director Memorandum	Job or GL #	Job Cost Breakdown	Awarded Contract Amount	Prior Payments to Date	Pending Invoice Amount	Total Contract Payments	Remaining Contract Amount	Percent Remaining	Encumbered Funds - Remaining Contract Amount				
										General Operating Expenses	Water Division Funds	Sewer Division Funds	Recycled Division Funds	Other Funds
Law Office of David L. Wysocki - FY 2017 Legal Services (Operating)	--	*-5-06-54107	--	--	\$46,388	\$4,238	\$50,625							
Borden Excavating (W-Reserves) 30-Inch Potable Water Conveyance -Phase III	17-008	02-21758	--	\$618,577	\$588,959	\$29,618	\$618,577	\$0	0%		\$0			
Borden Excavating (W-Infras Repl Res) Pipeline Replacement -Date,Dodd,Panorama,Lennox,Verona,Calvin & Vista	17-032	02-17850	--	\$1,040,222	\$0	\$865,742	\$865,742	\$174,480	17%		\$174,480			
CV Strategies (W-Operating) Water Conservation Messaging	16-091	02-5-06-54099	--	\$15,000	\$11,930	\$0	\$11,930	\$3,070	20%	\$3,070				
DC Frost Associates, Inc. (S-Operating) Application to DDW for the Recharge at Wilson Creek Basins	17-039	03-5-02-51003	--	\$115,000	\$101,918	\$0	\$101,918	\$13,082	11%			\$13,082		
DDB Engineering (R-Reserves) Application to DDW for the Recharge at Wilson Creek Basins	15-086	04-19771	--	\$35,900	\$24,655	\$0	\$24,655	\$11,245	31%				\$11,245	
Delta Partners \$90,000 per year-LegislativeConsult (exp 12/18) W\S Oper	13-079	*-5-06-54109	--	\$90,000	\$37,500	\$7,500	\$45,000	\$45,000	50%	\$45,000				
Dudek (R-Operating) Install Groundwater Observation Wells near San Timoteo Creek	15-098	04-5-06-57030	--	\$62,328	\$45,097	\$0	\$45,097	\$17,231	28%	\$17,231				
Dudek (S-Operating) 2017-Max Benefit Monitoring for San Timoteo/Yucaipa Mgmt Zones	03-5-06-54109	\$93,900	--	\$93,900	\$46,519	\$9,794	\$56,312	\$37,588	40%	\$37,588				
Dudek (S-Operating) 2017-HMP in San Timoteo Creek	17-049 03-5-06-54109	\$59,620	--	\$59,620	\$0	\$0	\$0	\$59,620	100%	\$59,620				
Fred M. Boerner Motor Co. (W/S Reserves) Purchase of 2017 International Workstar cab and chassis	16-085	**-10310	--	\$167,497	\$0	\$0	\$0	\$167,497	100%	\$167,497				
Fred M. Boerner Motor Co. (W/S Reserves) Purchase of 2017 International DuraStar cab and chassis	16-086	**-10310	--	\$92,836	\$0	\$0	\$0	\$92,836	100%	\$92,836				
Geoscience (R-Operating) Preparation of a groundwater model for the Gateway Basin CO #1 - preparation of groundwater model	14-070 15-010	04-5-06-54109	\$35,320 \$16,390	\$51,710	\$49,284	\$0	\$49,284	\$2,426	5%	\$2,426				
Geoscience (W-Operating) Calculation of Water Budgets for Validation of Annual Change in Storage	16-058	02-5-06-54109		\$130,236	\$111,228	\$8,019	\$119,247	\$10,989	8%	\$10,989				
Geoscience (W-Operating) Exp of the Yucaipa Watershed & Yucaipa Groundwater Basin Model	16-110	02-5-06-54109		\$41,770	\$0	\$0	\$0	\$41,770	100%	\$41,770				
Harper & Associates (W-Operating) Engineering, Project Mgmt & Inspection Svcs for coating repairs YVRWFF	15-062	02-5-01-57040	\$16,615	\$16,615	\$13,990	\$0	\$13,990	\$2,625	16%	\$2,625				
Krieger & Stewart Initiate Design of R-12.4 (W-Reserves) TO#4 Revised TO#4, Amendment #2 TO#5- Construction Mgmt Services TO#5, Amendment #1 - Construction Mgmt Services	04-164 05-075 14-014 14-092 16-069	65-295	\$74,900 \$600 \$45,000 \$482,500 \$102,600	\$585,100	\$551,661	\$599	\$552,260	\$32,840	6%		\$32,840			
TO#5, Design R-13.4 and H-2 Reservoirs for JP Ranch 60% R-13.4 and 40% H-2 (Developer Funds)	05-083 05-083	65-180 65-179	\$47,400 \$31,600	\$79,000	\$50,471	\$0	\$50,471	\$28,529	36%				\$28,529	
LinkoCTS (EC-Operating) Pretreatment Software	16-061	03-5-07-54111		\$36,105	\$28,185	\$0	\$28,185	\$7,920	22%	\$7,920				
One Stop Landscape Supply FY 2017 Sludge Hauling\Reuse (Oper)	--	03-5-02-57031	--	--	\$230,263	\$23,555	\$253,818							

Board Awarded Contracts
Consent Calendar Board Meeting - July 19, 2017

District Awarded Contracts	Director Memorandum	Job or GL #	Job Cost Breakdown	Awarded Contract Amount	Prior Payments to Date	Pending Invoice Amount	Total Contract Payments	Remaining Contract Amount	Percent Remaining	Encumbered Funds - Remaining Contract Amount					
										General Operating Expenses	Water Division Funds	Sewer Division Funds	Recycled Division Funds	Other Funds	
Platinum Advisors (W\S Operating)															
FY 2017 Lobbyist N-T-E per month	13-080	*-5-06-54109	--	--	\$55,000	\$5,000	\$60,000								
FY 2017 Quarterly Filing & Misc. Expenses		02-5-06-54109	--	--	\$525	\$0	\$525								
RMC Water & Environment															
TO#26, SRF Mgmt Svcs-Calimesa Regional Recycled Pipeline (R-FCC)	14-023	04-5-06-54109			\$95,692	\$61,191	\$0	\$61,191	\$34,501	36%			\$34,501		
Application to DDW for the Recharge at Wilson Creek Basins (R-Resvs)	15-086	04-19771	--		\$172,633	\$169,551	\$0	\$169,551	\$3,082	2%			\$3,082		
San Bernardino Valley Water District (W-Operating)															
iEfficient Wwater Conservation Campaign	16-092	02-5-06-54099	--		\$16,195	\$16,194	\$0	\$16,194	\$1	0%	\$1				
Separation Processes, Inc. (W-Reserves)															
Design & Construction Supports Servs for NF SCRAM	15-047	55-19200 02-14500			\$191,820	\$88,757	\$45,095	\$133,852	\$57,968	30%		\$57,968			
Application to DDW for the Recharge at Wilson Creek Basins (R-Resrvs)	15-086	04-19771	--		\$42,860	\$24,321	\$0	\$24,321	\$18,539	43%			\$18,539		
Feasibility Report for Wochholz SAGE Project	17-043	03-5-06-54109			\$67,575	\$0	\$16,404	\$16,404	\$51,171	76%			\$67,575		
TSR Construction (R-Reserves)															
Site Improvements at RWB-12.4	17-019	04-18508	--		\$293,900	\$200,570	\$79,330	\$279,900	\$14,000	5%			\$14,000		
Vavrinek, Trine, Day & Company (VTD) (Operating)															
FY 2016 Auditing Services \$23,900 + \$3,500 for Single Audit	15-106	*-5-06-54108			\$23,900	\$23,900	\$0	\$23,900	\$0	0%	\$0				
FY 2017 Auditing Services \$23,900 + \$3,500 for Single Audit	15-106	*-5-06-54108													
FY 2018 Auditing Services \$23,900 + \$3,500 for Single Audit	15-106	*-5-06-54108													
FY 2019 Auditing Services \$23,900 + \$3,500 for Single Audit	15-106	*-5-06-54108													
Villalobos and Associates (W-Operating)															
Permitting of Recharge Oper at the Wilson Creek Spreading Basins	16-064	02-5-06-54109	--		\$72,200	\$17,860	\$0	\$17,860	\$54,340	75%	\$54,340				
GRAND TOTALS					\$4,301,480	\$2,643,545	\$1,094,893	\$3,738,438	\$982,349	--	\$542,913	\$265,288	\$80,657	\$81,367	\$28,529
											\$542,913		\$427,312		\$28,529

Approval of General Expenses June 2017 (Check Register Attached)

Check Register - June 2017

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
06/05/2017	29051	Water Environment Federation	\$247.00
06/05/2017	29052	Ralph C. Casas	\$58.00
06/05/2017	29053	Ameripride Uniform Services	\$619.61
06/05/2017	29054	City of Riverside	\$670.00
06/05/2017	29055	Computerized Embroidery Compan	\$5,300.22
06/05/2017	29056	Coverall North America, Inc.	\$1,021.00
06/05/2017	29057	Crown Ace Hardware - Yucaipa	\$1,378.85
06/05/2017	29058	VOID CHECK	\$0.00
06/05/2017	29059	First American Data Tree, LLC	\$50.00
06/05/2017	29060	House Of Quality, Parts Plus	\$6,059.37
06/05/2017	29061	Inland Leaders Charter School	\$425.00
06/05/2017	29062	Raiset R. Santana and Adriana	\$52.25
06/05/2017	29063	McCall's Meter Sales & Service	\$900.00
06/05/2017	29064	NetComp Technologies, Inc.	\$3,100.00
06/05/2017	29065	Freedom Communications Holding	\$849.60
06/05/2017	29066	Pro-Pipe & Supply, Inc.	\$4.33
06/05/2017	29067	Redlands Rotary Foundation	\$200.00
06/05/2017	29068	SCCI, Inc.	\$350.00
06/05/2017	29069	Spectrum Business	\$70.00
06/05/2017	29070	The Gas Company	\$86.63
06/05/2017	29071	Advance Refrigeration & Ice Sy	\$511.81
06/05/2017	29072	Atlas Copco Compressors, LLC	\$5,652.39
06/05/2017	29073	Brenntag Pacific, Inc	\$12,521.12
06/05/2017	29074	Burgeson's Heating & Air Cond.	\$1,985.00
06/05/2017	29075	Cemex Inc. USA	\$1,724.99
06/05/2017	29076	Center Electric Services, Inc.	\$1,344.31
06/05/2017	29077	Cobb's Printing, LLC	\$2,682.98
06/05/2017	29078	Dinosaur Tire Inc.	\$783.25
06/05/2017	29079	Fastenal Company	\$27.44
06/05/2017	29080	Fuel Equipment Services, Inc.	\$1,162.35
06/05/2017	29081	Grainger	\$99.82
06/05/2017	29082	Hasa, Inc.	\$7,737.95
06/05/2017	29083	Myers & Sons Hi-Way Safety Inc	\$3,011.59
06/05/2017	29084	Industrial Safety Supply Corp	\$631.44
06/05/2017	29085	Lowe's Companies, Inc.	\$125.92
06/05/2017	29086	McCall's Meter Sales & Service	\$589.59
06/05/2017	29087	Nuckles Oil Company, Inc.	\$2,270.44
06/05/2017	29088	Nagem, Inc.	\$467.50
06/05/2017	29089	Nalco Company	\$5,164.50
06/05/2017	29090	BlueTarp Financial, Inc.	\$896.74
06/05/2017	29091	Office Solutions Business Prod	\$55.43
06/05/2017	29092	Optics Planet, Inc.	\$164.99
06/05/2017	29093	Francis O. Tello	\$1,806.28
06/05/2017	29094	Riverside Winnelson Company	\$621.60
06/05/2017	29095	Steven Enterprises, Inc	\$1,655.39
06/05/2017	29096	Teledyne Instruments, Inc.	\$1,557.02
06/05/2017	29097	Tri County Pump Company	\$8,086.38
06/05/2017	29098	Uline, Inc.	\$1,198.75
06/05/2017	29099	Gilbert A. Santacruz	\$30.00
06/09/2017	29100	PAYROLL CHECK	\$2,108.17
06/09/2017	29101	PAYROLL CHECK	\$437.83
06/09/2017	29102	WageWorks, Inc.	\$1,324.74
06/09/2017	29103	Public Employees' Retirement S	\$23,753.93
06/09/2017	29104	IBEW Local 1436	\$476.00
06/09/2017	29105	California State Disbursement	\$115.38
06/09/2017	29106	California State Disbursement	\$397.38
06/09/2017	29107	Department of the Treasury - I	\$125.00
06/12/2017	29108	Matthew M. Barlow	\$480.00

Check Register - June 2017

06/12/2017	29109	Ameripride Uniform Services	\$597.51
06/12/2017	29110	CDW LLC	\$950.88
06/12/2017	29111	Corelogic, Inc.	\$330.00
06/12/2017	29112	Frontier Communications	\$147.13
06/12/2017	29113	Konica Minolta Business Soluti	\$1,059.41
06/12/2017	29114	John Deere Financial f.s.b.	\$124.12
06/12/2017	29115	San Gorgonio Pass Water Agency	\$27,649.32
06/12/2017	29116	Southern CA Emergency Medicine	\$125.00
06/12/2017	29117	Association of San Bernardino	\$22.00
06/12/2017	29118	Underground Service Alert Of S	\$244.50
06/12/2017	29119	Yucaipa Valley Water District	\$6,884.30
06/12/2017	29120	Bob Walker	\$161.63
06/12/2017	29121	Brenntag Pacific, Inc	\$613.96
06/12/2017	29122	BSK Associates	\$370.00
06/12/2017	29123	California Water Technologies,	\$4,011.04
06/12/2017	29124	CHJ Consultants	\$21,384.50
06/12/2017	29125	Fresno Oxygen	\$45.38
06/12/2017	29126	Inland Water Works Supply Co.	\$25,978.79
06/12/2017	29127	Kevin E. French	\$468.00
06/12/2017	29128	Harold J. Cossette	\$8,900.15
06/12/2017	29129	Lowe's Companies, Inc.	\$930.32
06/12/2017	29130	Nagem, Inc.	\$1,353.04
06/12/2017	29131	Nalco Company	\$2,582.25
06/12/2017	29132	BlueTarp Financial, Inc.	\$11.68
06/12/2017	29133	John Deere Financial f.s.b.	\$43.00
06/12/2017	29134	R & R Anderson Trucking	\$1,356.51
06/12/2017	29135	Donald Kent Stone	\$500.00
06/12/2017	29136	Sunshine Growers Nursery	\$282.26
06/12/2017	29137	Uline, Inc.	\$1,196.96
06/12/2017	29138	8138630 Canada Inc dba Signifi	\$2,194.00
06/12/2017	29139	HD Supply Facilities Maintenan	\$3,868.81
06/12/2017	29140	Yucaipa Auto Collision, LLC	\$3,161.69
06/12/2017	29141	Matthew M. Barlow	\$80.00
06/12/2017	29142	CV Strategies	\$1,011.52
06/12/2017	29143	Brenntag Pacific, Inc	\$9,911.25
06/12/2017	29144	BSK Associates	\$990.00
06/12/2017	29145	Victor James Valenti	\$4,193.45
06/12/2017	29146	Custom Conveyor Corporation	\$12,118.53
06/12/2017	29147	Evoqua Water Technologies LLC	\$3,044.51
06/12/2017	29148	Eric Ewalt	\$5,962.00
06/12/2017	29149	G&G Environmental Compliance,I	\$11,745.49
06/12/2017	29150	Hasa, Inc.	\$3,888.64
06/12/2017	29151	Hemet Valley Tool Inc.	\$100.29
06/12/2017	29152	Myers & Sons Hi-Way Safety Inc	\$109.91
06/12/2017	29153	Innerline Engineering	\$3,500.00
06/12/2017	29154	Larry Jacinto Farming, Inc.	\$360.00
06/12/2017	29155	Johnson Machinery Co.	\$1,396.52
06/12/2017	29156	McCall's Meter Sales & Service	\$4,728.91
06/12/2017	29157	Nuckles Oil Company, Inc.	\$2,805.94
06/12/2017	29158	Office Solutions Business Prod	\$90.51
06/12/2017	29159	Q Versa, LLC	\$4,101.18
06/12/2017	29160	Redlands Ford	\$1,200.99
06/12/2017	29161	Ronald A. Duncan, Inc.	\$150.00
06/12/2017	29162	Maintenance Connection Inc	\$7,839.65
06/12/2017	29163	Gregory N. Godwin	\$193.74
06/12/2017	29164	SB CNTY-Registrar	\$4,258.00
06/12/2017	29165	Tom Shalhoub	\$31.00
06/12/2017	29166	Western Dental Services, Inc.	\$255.20
06/12/2017	29167	Berkshire Hathaway Homestate C	\$14,010.27

Check Register - June 2017

06/12/2017	29168	Standard Insurance Vision Plan	\$782.48
06/12/2017	29169	Best Western Plus	\$557.87
06/12/2017	29170	Ashley Gibson	\$76.51
06/12/2017	29171	Boot Barn Inc.	\$194.39
06/12/2017	29172	Blue Shield of California	\$2,040.80
06/12/2017	29173	Nippon Life Insurance Co. of A	\$2,171.88
06/19/2017	29174	Delta Partners, LLC	\$7,500.00
06/19/2017	29175	Dudek & Associates, Inc	\$5,063.00
06/19/2017	29176	Krieger & Stewart	\$326.50
06/19/2017	29177	One Stop Landscape Supply Inc	\$21,480.00
06/19/2017	29178	Platinum Advisors, LLC	\$5,150.00
06/19/2017	29179	RMC Water and Environment	\$16,233.50
06/19/2017	29180	TSR Construction and Inspectio	\$72,152.50
06/19/2017	29181	David L. Wysocki	\$5,025.00
06/19/2017	29182	AT&T Mobility	\$1,392.45
06/19/2017	29183	Matthew Robert Bleecker	\$1,054.88
06/19/2017	29184	RMC Water and Environment	\$4,272.53
06/19/2017	29185	Separation Processes, Inc.	\$4,728.60
06/19/2017	29186	Spectrum Business	\$5,298.00
06/19/2017	29187	Armorcast Products Company	\$6,625.57
06/19/2017	29188	Fisher Scientific Co.	\$303.77
06/19/2017	29189	McCrometer, Inc.	\$654.35
06/19/2017	29190	Office Solutions Business Prod	\$23.56
06/19/2017	29191	Uline, Inc.	\$2,445.94
06/19/2017	29192	TALLON, SHARON A	\$419.39
06/19/2017	29193	COLBURN, KEITH	\$8.06
06/19/2017	29194	BECKHAM, KEVIN & KAT	\$73.16
06/19/2017	29195	California Water Environment A	\$172.00
06/19/2017	29196	Ameripride Uniform Services	\$594.12
06/19/2017	29197	Central Communications	\$400.58
06/19/2017	29198	Dudek & Associates, Inc	\$2,559.88
06/19/2017	29199	InfoSend, Inc.	\$5,138.31
06/19/2017	29200	NetComp Technologies, Inc.	\$8,252.00
06/19/2017	29201	LUZ Investment Corp.	\$947.37
06/19/2017	29202	Freedom Communications Holding	\$367.20
06/19/2017	29203	All American Sewer Tools	\$311.08
06/19/2017	29204	Brenntag Pacific, Inc	\$5,081.25
06/19/2017	29205	Cemex Inc. USA	\$2,005.28
06/19/2017	29206	Inland Water Works Supply Co.	\$2,447.24
06/19/2017	29207	Johnson Machinery Co.	\$1,160.87
06/19/2017	29208	Johnson Power Systems	\$2,959.01
06/19/2017	29209	Pavement Recycling	\$2,550.00
06/19/2017	29210	Red Alert Special Couriers	\$344.26
06/19/2017	29211	Steven Enterprises, Inc	\$236.64
06/19/2017	29212	Q Versa, LLC	\$16,995.50
06/19/2017	29213	Nagem, Inc.	\$1,222.50
06/19/2017	29214	Hasa, Inc.	\$3,876.72
06/19/2017	29215	Evoqua Water Technologies LLC	\$175.06
06/19/2017	29216	Calmat Company	\$4,833.64
06/19/2017	29217	Uline, Inc.	\$2,230.18
06/19/2017	29218	Office Solutions Business Prod	\$230.65
06/19/2017	29219	John F. Simister	\$372.09
06/19/2017	29220	Francis O. Tello	\$222.37
06/23/2017	29221	PAYROLL CHECK	\$2,108.17
06/23/2017	29222	WageWorks, Inc.	\$1,324.74
06/23/2017	29223	Public Employees' Retirement S	\$23,367.20
06/23/2017	29224	California State Disbursement	\$115.38
06/23/2017	29225	California State Disbursement	\$397.38
06/23/2017	29226	Department of the Treasury - I	\$125.00

Check Register - June 2017

06/29/2017	29227	Atkinson, Andelson, Loya, Ruud	\$2,781.01
06/29/2017	29228	Matthew Hendrickson	\$117.55
06/29/2017	29229	Michael J. O'Day	\$550.00
06/29/2017	29230	Joseph H. Beltran	\$70.00
06/29/2017	29231	James Nicholson	\$364.00
06/29/2017	29232	American Family Life Assurance	\$3,795.88
06/29/2017	29233	Cobb's Printing, LLC	\$371.74
06/29/2017	29234	Kevin Lee	\$50.00
06/29/2017	29235	YVWD-Petty Cash	\$296.16
06/29/2017	29236	WageWorks, Inc.	\$202.25
06/29/2017	29237	Ashley Gibson	\$23.54
06/29/2017	29238	Taylor Corporation	\$323.20
06/29/2017	29239	AWWA CA-NV (Rancho Cucamonga)	\$2,895.00
06/29/2017	29240	A-Z Woodworking, Inc.	\$331.62
06/29/2017	29241	Ralph C. Casas	\$69.95
06/29/2017	29242	Ameripride Uniform Services	\$835.97
06/29/2017	29243	BofA Credit Card	\$10,631.54
06/29/2017	29244	Carl Opsahl	\$1,521.86
06/29/2017	29245	CHJ Consultants	\$19,143.75
06/29/2017	29246	Clinical Laboratory of San Ber	\$12,433.50
06/29/2017	29247	Commercial Door Metal Systems,	\$1,945.00
06/29/2017	29248	Steve Hines No.1, LLC	\$8,171.67
06/29/2017	29249	Crown Ace Hardware - Yucaipa	\$1,116.08
06/29/2017	29250	VOID CHECK	\$0.00
06/29/2017	29251	DC Frost Associates, Inc.	\$1,528.92
06/29/2017	29252	Eco Pro Environmental Services	\$170.00
06/29/2017	29253	Frontier Communications	\$148.47
06/29/2017	29254	House Of Quality, Parts Plus	\$3,910.58
06/29/2017	29255	Inland Empire Resource Conserv	\$2,419.90
06/29/2017	29256	Krieger & Stewart	\$53,995.06
06/29/2017	29257	Leroy's Landscape Services	\$5,700.00
06/29/2017	29258	MBC Applied Environmental Scie	\$1,300.00
06/29/2017	29259	NetComp Technologies, Inc.	\$9,610.59
06/29/2017	29260	Pro-Pipe & Supply, Inc.	\$380.09
06/29/2017	29261	SCE Rosemead	\$268,727.73
06/29/2017	29262	Here's Your Sign Inc	\$3,471.07
06/29/2017	29263	The Counseling Team Internatio	\$480.00
06/29/2017	29264	The Gas Company	\$23.97
06/29/2017	29265	U.S. Telepacific Corp	\$2,431.21
06/29/2017	29266	Vantageone Real Estate	\$865.98
06/29/2017	29267	City of Yucaipa	\$347.50
06/29/2017	29268	Calimesa SEI, LLC	\$745.97
06/29/2017	29269	Walter L. Ferar	\$177.50
06/29/2017	29270	Luke's Transmission Inc.	\$15.00
06/29/2017	29271	Aqua-Metric Sales Company	\$11,462.45
06/29/2017	29272	John F. Simister	\$603.44
06/29/2017	29273	Bob Walker	\$431.00
06/29/2017	29274	Brenntag Pacific, Inc	\$2,269.74
06/29/2017	29275	Brithinee Electric	\$2,194.76
06/29/2017	29276	Burgeson's Heating & Air Cond.	\$2,535.00
06/29/2017	29277	C & B Crushing, Inc.	\$660.00
06/29/2017	29278	Cemex Inc. USA	\$4,264.88
06/29/2017	29279	Crown Ace Hardware - Yucaipa	\$196.58
06/29/2017	29280	Jan Brinkman Jr.	\$43.10
06/29/2017	29281	Eric Ewalt	\$1,310.00
06/29/2017	29282	Fastenal Company	\$208.60
06/29/2017	29283	Fisher Scientific Co.	\$258.87
06/29/2017	29284	G&G Environmental Compliance,I	\$4,444.45
06/29/2017	29285	Geyser Equipment, LLC	\$510.47

Check Register - June 2017

06/29/2017	29286	Haaker Equipment Company	\$903.59
06/29/2017	29287	Hasa, Inc.	\$3,820.19
06/29/2017	29288	Industrial Safety Supply Corp	\$548.76
06/29/2017	29289	Inland Water Works Supply Co.	\$1,930.18
06/29/2017	29290	Innerline Engineering	\$5,250.00
06/29/2017	29291	J.L. Wingert Co.	\$2,260.11
06/29/2017	29292	Johnson Power Systems	\$11,712.03
06/29/2017	29293	Kevin E. French	\$2,316.00
06/29/2017	29294	Lowe's Companies, Inc.	\$61.36
06/29/2017	29295	Nuckles Oil Company, Inc.	\$4,679.22
06/29/2017	29296	NCL Of Wisconsin Inc	\$1,763.43
06/29/2017	29297	BlueTarp Financial, Inc.	\$168.20
06/29/2017	29298	Office Solutions Business Prod	\$217.76
06/29/2017	29299	Page Locksmith	\$117.00
06/29/2017	29300	John Deere Financial f.s.b.	\$546.99
06/29/2017	29301	Q Versa, LLC	\$35,148.40
06/29/2017	29302	R & R Anderson Trucking	\$2,890.38
06/29/2017	29303	Reign Electric Services and Sy	\$8,179.75
06/29/2017	29304	Sterling Water Technologies LL	\$8,876.00
06/29/2017	29305	Top-Line Industrial Supply, LL	\$844.76
06/29/2017	29306	VOID CHECK	\$0.00
06/29/2017	29307	American Family Life Assurance	\$325.16
06/29/2017	29308	Uline, Inc.	\$5,359.65

June 2017 Check Register Total	\$1,149,197.99
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Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Date: July 18, 2017

Prepared By: Jennifer Ares, Water Resource Manager
Ashley Gibson, Water Resource Project Supervisor

Subject: Consideration of a Contract with Dudek for Technical Assistance to Obtain Groundwater Level Monitoring Equipment at Seven Locations in the Yucaipa Basin

Recommendation: That the Board authorizes the Water Resource Manager to execute the Authorization to Proceed with Dudek for a sum not to exceed \$10,775.

The District has installed remote telemetry data loggers in several wells in San Timoteo Creek to monitor the groundwater levels for the required Habitat Monitoring Program. In addition, the District has extensive monitoring requirements for the Maximum Benefit Program and the Sustainable Groundwater Management Act (SGMA).

Currently, well data is collected in the field and compiled in a database, along with analytical laboratory results for all water quality samples. Installing additional monitoring equipment for the Maximum Benefit and SGMA will streamline the data gathering and compilation process.

The attached proposal from Dudek includes assisting District staff with the inspection of seven District wells to determine the specific equipment needs for these sites. Once equipment needs are identified, a quote for the additional data loggers will be obtained and presented at a board meeting for approval.

Funding for this agenda item will be split evenly between the following budget line items:

- Water : Professional Fees:02-5-06-54109; and
- Sewer : Professional Fees:03-5-06-54109.

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

June 26, 2017

3163

Jennifer Ares
Water Resource Manager
Yucaipa Valley Water District
12770 Second Street
Yucaipa, CA 92399

Subject: Proposed Scope of Work and Fee to Inspect Seven Yucaipa Valley Water District Wells and Install In-Situ Groundwater Monitoring Systems

Dear Ms. Ares:

Dudek is pleased to present this scope of work and fee to inspect and install In-Situ groundwater monitoring systems at seven existing Yucaipa Valley Water District wells (Well 6, Well 10, Well 25, Well 27, Well 37, Well 46 and Well 56). The groundwater monitoring systems will include In-Situ Aqua Troll water level and electrical conductivity devices connected to remote telemetry systems. As with the previous In-Situ remote telemetry systems Dudek has deployed for the District, the data transmission is included in a cellular data plan with the information relayed to a central database operated by In-Situ. The data can be accessed via a website secured with a unique username and password. The monthly fee for the transmission of 1 megabyte (MB) of data per month is \$35/month per well site. Currently, all existing In-Situ remote telemetry systems transmit 1 MB of data per month.

SCOPE OF WORK

Dudek proposes to perform a one-day inspection of each well to evaluate how to install the groundwater monitoring systems, well site security and cellular service reception for data transmission. Dudek will also confirm with District staff the amount of drawdown expected when the wells operate and anticipated concentrations of total dissolved solids (TDS) at each well. This information will be used to specify the proper pressure rating and range for electrical conductivity (i.e., TDS) for each groundwater monitoring system. Dudek will obtain cost estimates from In-Situ for the groundwater monitoring systems and will provide this information to the District. Dudek anticipates purchasing the equipment for the District and inspecting the equipment for installation. Patrick Rentz will install the equipment at the wells. The devices will be programmed to collect data hourly and transmit the data once every 24 hours. Following the equipment deployment, Dudek will verify that all instruments are functioning and transmitting data as programmed.

Ms. Jennifer Ares

Subject: Proposed Scope of Work and Fee to Inspect Seven Yucaipa Valley Water District Wells and Installation of In-Situ Groundwater Monitoring Systems

FEE SUMMARY

The fee presented in this proposal will be charged on a time and materials basis in accordance with Dudek’s 2017 Standard Schedule of Charges (see attached). The cost for the In-Situ pressure transducers and telemetry equipment is not included in this fee summary. The cost for the equipment will be determined following the well inspections and will be presented to the District at that time. Dudek will complete the tasks described above on a time-and-materials basis, not to exceed \$10,775.00.

The time and materials fee provided in this proposal represents an estimate of the anticipated level of effort required to complete the tasks described in the proposal. Should the actual effort required to complete the tasks be less than anticipated, the amount billed will be less than the total fee. Conversely, should the actual effort to complete the proposed tasks be greater than anticipated, additional fee authorizations will be requested. No work in excess of the proposed fee or outside of the proposed scope of work will be performed without written authorization from Yucaipa Valley Water District.

TOTAL COST.....\$10,775

Please call me at (760) 479-4128 if you have any questions or require further discussion.

Sincerely,



Steven Stuart, P.E. C79764
Project Manager

*Att.: Table 1. Fee to Inspect Wells and Install In-Situ Pressure Transducers and Remote Telemetry Devices
2017 Dudek Standard Schedule of Charges*

AUTHORIZATION TO PROCEED
for
**Scope of Work for Services to Inspect YVWD Maximum Benefits Monitoring
 Program Wells and Install In-Situ Remote Telemetry Devices**

The proposed scope of work and fee presented herein is acceptable and Dudek is hereby authorized to proceed with the proposed scope of services.

Authorized by: _____
 (Signature)

 Name (typed or printed)

For: Yucaipa Valley Water District

 Date

Yucaipa Valley Water District
Fee to Inspect Wells and Install In-Situ Pressure Transducers and Remote Telemetry Devices
DUDEK FEE SCHEDULE

	Project Team Role:		TOTAL HOURS	DUDEK LABOR COST	OTHER DIRECT COSTS	TOTAL FEE
	Senior Engineer/PM Stuart, PE \$225	Hydrogeologist VI Rentz, PG \$160				
Task 1 - Site Visit to Perform Well Inspections						
1-1	2	12	14	\$ 2,370	\$ 95	\$ 2,465
	2	12	14	\$ 2,370	\$ 95	\$ 2,465
Subtotal Task 1						
Task 2 - Order, Receive and Test In-Situ Devices						
2-1	1	2	3	\$ 545	\$	\$ 545
2-2	1	2	3	\$ 545	\$	\$ 545
	2	4	6	\$ 1,090	\$ -	\$ 1,090
Subtotal Task 2						
Task 3 - Site Visit with YVWD Staff and In-Situ Install						
3-1	2	32	34	\$ 5,570	\$ 240	\$ 5,810
	2	32	34	\$ 5,570	\$ 240	\$ 5,810
Subtotal Task 3						
Task 4 - Data Review						
4-1	2	6	8	\$ 1,410	\$ -	\$ 1,410
	2	6	8	\$ 1,410	\$ -	\$ 1,410
Subtotal Task 4						
Total Hours and Fee						
	8	54	62	\$ 10,440.00	\$ 335.00	\$ 10,775.00
<i>Percent of Hours:</i>						
	13%	87%	100%			

1) Direct costs include company vehicle rental fees and per diem

**DUDEK
2017 STANDARD SCHEDULE OF CHARGES**

ENGINEERING SERVICES

Project Director	\$270.00/hr
Principal Engineer III	\$240.00/hr
Principal Engineer II	\$230.00/hr
Principal Engineer I	\$220.00/hr
Program Manager	\$210.00/hr
Senior Project Manager	\$210.00/hr
Project Manager	\$205.00/hr
Senior Engineer III	\$200.00/hr
Senior Engineer II	\$190.00/hr
Senior Engineer I	\$180.00/hr
Project Engineer IV/Technician IV	\$170.00/hr
Project Engineer III/Technician III	\$160.00/hr
Project Engineer II/Technician II	\$145.00/hr
Project Engineer I/Technician I	\$130.00/hr
Project Coordinator	\$100.00/hr
Engineering Assistant	\$95.00/hr

ENVIRONMENTAL SERVICES

Principal	\$240.00/hr
Senior Project Manager/Specialist II	\$225.00/hr
Senior Project Manager/Specialist I	\$215.00/hr
Environmental Specialist/Planner VI	\$195.00/hr
Environmental Specialist/Planner V	\$175.00/hr
Environmental Specialist/Planner IV	\$165.00/hr
Environmental Specialist/Planner III	\$155.00/hr
Environmental Specialist/Planner II	\$140.00/hr
Environmental Specialist/Planner I	\$125.00/hr
Analyst III	\$115.00/hr
Analyst II	\$105.00/hr
Analyst I	\$95.00/hr
Planning Assistant II	\$85.00/hr
Planning Assistant I	\$75.00/hr

COASTAL PLANNING/POLICY SERVICES

Senior Project Manager/Coastal Planner II	\$220.00/hr
Senior Project Manager/Coastal Planner I	\$210.00/hr
Environmental Specialist/Coastal Planner VI	\$200.00/hr
Environmental Specialist/Coastal Planner V	\$180.00/hr
Environmental Specialist/Coastal Planner IV	\$170.00/hr
Environmental Specialist/Coastal Planner III	\$160.00/hr
Environmental Specialist/Coastal Planner II	\$150.00/hr
Environmental Specialist/Coastal Planner I	\$140.00/hr

CULTURAL AND PALEONTOLOGICAL SERVICES

Senior Project Manager/Archaeologist II	\$215.00/hr
Senior Project Manager/Archaeologist I	\$205.00/hr
Environmental Specialist/Archaeologist V	\$185.00/hr
Environmental Specialist/Archaeologist IV	\$165.00/hr
Environmental Specialist/Archaeologist III	\$145.00/hr
Environmental Specialist/Archaeologist II	\$135.00/hr
Environmental Specialist/Archaeologist I	\$125.00/hr
Environmental Specialist/Architectural Historian II	\$150.00/hr
Environmental Specialist/Architectural Historian I	\$125.00/hr
Environmental Specialist/Paleontologist II	\$165.00/hr
Environmental Specialist/Paleontologist I	\$125.00/hr
Paleontological Technician III	\$85.00/hr
Paleontological Technician II	\$75.00/hr
Paleontological Technician I	\$55.00/hr
Cultural Resources Technician II	\$75.00/hr
Cultural Resources Technician I	\$55.00/hr

CONSTRUCTION MANAGEMENT SERVICES

Principal/Manager	\$195.00/hr
Senior Construction Manager	\$180.00/hr
Senior Project Manager	\$160.00/hr
Construction Manager	\$150.00/hr
Project Manager	\$140.00/hr
Resident Engineer	\$140.00/hr
Construction Engineer	\$135.00/hr
On-site Owner's Representative	\$130.00/hr
Construction Inspector III	\$125.00/hr
Construction Inspector II	\$115.00/hr
Construction Inspector I	\$105.00/hr
Prevailing Wage Inspector	\$135.00/hr

COMPLIANCE SERVICES

Compliance Director	\$205.00/hr
Compliance Manager	\$145.00/hr
Compliance Project Coordinator	\$105.00/hr
Compliance Monitor	\$95.00/hr

HYDROGEOLOGICAL SERVICES

Principal	\$260.00/hr
Principal Hydrogeologist/Engineer	\$240.00/hr
Sr. Hydrogeologist IV/Engineer IV	\$225.00/hr
Sr. Hydrogeologist III/Engineer III	\$210.00/hr
Sr. Hydrogeologist II/Engineer II	\$195.00/hr
Sr. Hydrogeologist I/Engineer I	\$180.00/hr
Hydrogeologist VI/Engineer VI	\$160.00/hr
Hydrogeologist V/Engineer V	\$150.00/hr
Hydrogeologist IV/Engineer IV	\$140.00/hr
Hydrogeologist III/Engineer III	\$130.00/hr
Hydrogeologist II/Engineer II	\$120.00/hr
Hydrogeologist I/Engineer I	\$110.00/hr
Technician	\$100.00/hr

DISTRICT MANAGEMENT & OPERATIONS

District General Manager	\$185.00/hr
District Engineer	\$175.00/hr
Operations Manager	\$150.00/hr
District Secretary/Accountant	\$100.00/hr
Collections System Manager	\$100.00/hr
Grade V Operator	\$100.00/hr
Grade IV Operator	\$90.00/hr
Grade III Operator	\$85.00/hr
Grade II Operator	\$63.00/hr
Grade I Operator	\$55.00/hr
Operator in Training	\$40.00/hr
Collection Maintenance Worker II	\$60.00/hr
Collection Maintenance Worker I	\$45.00/hr

OFFICE SERVICES

Technical/Drafting/CADD Services

3D Graphic Artist	\$160.00/hr
Senior Designer	\$150.00/hr
Designer	\$140.00/hr
Assistant Designer	\$135.00/hr
GIS Programmer I	\$180.00/hr
GIS Specialist IV	\$155.00/hr
GIS Specialist III	\$145.00/hr
GIS Specialist II	\$135.00/hr
GIS Specialist I	\$125.00/hr
CADD Operator III	\$130.00/hr
CADD Operator II	\$125.00/hr
CADD Operator I	\$110.00/hr
CADD Drafter	\$100.00/hr
CADD Technician	\$95.00/hr

SUPPORT SERVICES

Technical Editor III	\$145.00/hr
Technical Editor II	\$130.00/hr
Technical Editor I	\$115.00/hr
Publications Specialist III	\$105.00/hr
Publications Specialist II	\$95.00/hr
Publications Specialist I	\$85.00/hr
Clerical Administration II	\$90.00/hr
Clerical Administration I	\$85.00/hr

Forensic Engineering – Court appearances, depositions, and interrogatories as expert witness will be billed at 2.00 times normal rates.

Emergency and Holidays – Minimum charge of two hours will be billed at 1.75 times the normal rate.

Material and Outside Services – Subcontractors, rental of special equipment, special reproductions and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

Travel Expenses – Mileage at current IRS allowable rates. Per diem where overnight stay is involved is charged at cost.

Invoices, Late Charges – All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within 30 days from the date of the invoice. Client agrees to pay a monthly late charge equal to 1% per month of the outstanding balance until paid in full.

Annual Increases – Unless identified otherwise, these standard rates will increase 3% annually.



Date: July 18, 2017

Prepared By: Kathryn Hallberg, Management Analyst

Subject: Notice of Completion for the Contract with TSR Construction for RWB-12.4 Recycled Water Booster Station Site Improvements

Recommendation: That the Board approves Change Order No. 1 for a contract reduction of \$14,000 and authorizes the filing of the Notice of Completion and release of the retention amount of \$13,995.00 thirty-five days after the recorded date.

At the regular meeting on February 7, 2017, the Board awarded a contract to TSR Construction and Inspection for site improvements which included the construction of 315± linear feet of 8-foot 8-inch to 12-foot high masonry walls with masonry pillars, 200± linear feet of 8-foot high steel square tubular fencing with access gates, site grading and furnishing, installing Class 2 base material, and site landscaping.

Change Order No. 1 is included in this agenda item that will reduce the original contract amount by \$14,000 from \$293,900 to \$279,900.

	Contract Changes	Contract Amount	Percentage Change from Original Bid Amount	Reference
Original Bid Amount		\$293,900	- -	DM 17-019
Change Order No. 1	\$14,000	\$279,900	-4.76%	DM 17-060

The project is now complete and the District staff recommends that the Board authorizes the filing of the Notice of Completion and release of the retention amount thirty-five days after the recorded date.



July 6, 2017

818-92.6 F/C

Matthew Porras
 Yucaipa Valley Water District
 P.O. Box 730
 Yucaipa, CA 92399

Subject: NB-12.2 Recycled Water Booster Station Site Improvements
 Recommendation of Acceptance of Contract Work

Dear Mr. Porras:

All work required to be performed by TSR Construction and Inspection for the NB-12.2 Recycled Water Booster Station Site Improvements Project is essentially complete and the final Contract Amount for same is set forth as follows:

Original Contract Amount:	\$293,900.00
Contract Change Orders:	<u>(\$14,000.00)</u>
Final Contract Amount:	\$279,900.00

Since the Contract Work has been essentially completed in accordance with the Contract Documents, we recommend the District accept said Work. Subsequent to Board acceptance, a Notice of Completion should be filed and thereafter, following the lien period, the District should make final payment (i.e. release retained amount), provided no Stop Notices have been filed.

If you have any questions, please call.

Sincerely,

KRIEGER & STEWART

A handwritten signature in blue ink that reads 'Patrick M. Watson'.

Patrick M. Watson

PMW/
 818-92-RECACCEPT

Record Without Fee
Per Govt. Code 6103

Recording Requested By:
Yucaipa Valley Water District

And When Recorded Mail To:
Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399

SPACE ABOVE THIS LINE FOR RECORDERS USE

NOTICE OF COMPLETION

Project Number/CMMS Number: P-04-287
Director Memorandum Number for Authorization: DM 17-019
Director Memorandum Number for Notice of Completion: DM 17-XXX

Notice pursuant to Civil Code Section 3093, must be filed within 10 days after completion.
Notice is hereby given that:

1. The undersigned is owner or corporate officer of the owner of the interest in the property hereinafter described:
2. The full name of the owner is Yucaipa Valley Water District
3. The full address of the owner is 12770 Second Street, Yucaipa, CA 92399
4. The Nature of the Interest or Estate of the Undersigned is: In Fee
5. A work performed hereinafter described was completed on July 5, 2017. The work done was: RWB-12.4 Recycled Water Booster Station Site Improvements
6. The name of the contractor for such work was: TSR Construction and Inspection
February 7, 2017
(Date of Contract)
7. The property on which said work was complete in the City of Calimesa
County of Riverside, State of CA, and is described as APN: 410-260-016
8. The street address of said property is 105 Myrtlewood Drive
(if no street address has been assigned, insert "none")

Dated July 06, 2017

Kathryn Hallberg, Management Analyst
Yucaipa Valley Water District

Verification

I, the undersigned, say: I am the General Manager of the Declarant of the foregoing Notice of Completion; I have read said Notice of Completion and know the comments thereof; the same is true to my knowledge. I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 18, 2017 at Yucaipa, CA.

Joseph B. Zoba, General Manager
Yucaipa Valley Water District

C.O. NO. 1

PAGE 1 OF 2

CONTRACT CHANGE ORDER NO. 1

CONTRACT Site Improvements for NB-12.2 Recycled Water Booster Station DATED BY AND BETWEEN Yucaipa Valley Water District (OWNER), AND TSR Construction and Inspection (CONTRACTOR), is hereby directed to make the following change(s) in Contract Work:

ITEM NO.	DESCRIPTION OF CHANGE	DECREASE \$	INCREASE \$
1	Eliminate Bid Item No. 109: Furnishing and Installing a 1" Irrigation Service	\$14,000.00	

Total DECREASE in Contract Amount	<u>\$14,000.00</u>
Total INCREASE in Contract Amount	<u>\$00.00</u>
Net change in Contract Amount	<u>(\$14,000.00)</u>
Contract Amount Prior to Change	<u>\$293,900.00</u>
Contract Amount Adjusted for Change	<u>\$279,900.00</u>

Rev 0614
 Site Improvements for NB-12.2
 Recycled Water Booster Station

Change Order Form S-1

CONTRACT CHANGE ORDER NO. 1

PAGE 2 OF 2

By reason of Change Order No. 1, Adjusted Contract Completion Date shall be July 8, 2017.

All provisions of the Contract shall apply hereto, and shall become effective when fully executed (signed and dated) by both parties.

Recommended by (Engineer)  Date: 7-5-17

Accepted by (Contractor)  Date: 7/5/17

Approved by (Owner) _____ Date: _____

Remarks _____



Date: July 18, 2017

Prepared By: Matthew Porras, Management Analyst

Subject: Notice of Completion for the Contract with Borden Excavating for the Construction of an 8-inch and 30-inch Water Pipelines in Acacia Avenue and First Street

Recommendation: That the Board the filing of the Notice of Completion and release of the retention amount of \$30,928.85 thirty-five days after the recorded date.

On November 1, 2016, the Board of Directors authorized the District staff to solicit bids for the construction of pipelines on Acacia Avenue and First Street [Director Memorandum No. 16-104]. On January 3, 2017, the Board of Directors authorized the construction contract with Borden Excavating for the aforementioned pipelines [Director Memorandum No. 17-008]

The pipeline project involves two pipes:

- 948 linear feet of 30-inch ductile iron pipe in First Street, west on Acacia Avenue to Second Street; and
- 1005 linear feet of 8-inch ductile iron pipe in First Street and Acacia Avenue to the alley east of California Street.

The 30-inch ductile iron pipe is an extension of the existing 30-inch crosstown transmission pipeline in Second Street, east on Acacia Avenue and south on First Street to Yucaipa Boulevard and the 8-inch ductile iron pipe will support the infrastructure needs of the new Performing Arts Center replacing an old 6-inch PVC alley pipeline. This project is categorically exempt from environmental review in accordance with the California Environmental Quality Act Guidelines Section 15301(c).

	Contract Changes	Contract Amount	Percentage Change from Original Bid Amount	Reference
Original Bid Amount	0	\$618,577	0%	DM 17-008

The project is now complete and the District staff recommends that the Board authorizes the filing of the Notice of Completion and release of the retention amount of \$30,928.85.

Record Without Fee
Per Govt. Code 6103

Recording Requested By:
Yucaipa Valley Water District

And When Recorded Mail To:
Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399

SPACE ABOVE THIS LINE FOR RECORDERS USE

NOTICE OF COMPLETION

Project Number/CMMS Number: P-02-312
Director Memorandum Number for Authorization: DM 17-008
Director Memorandum Number for Notice of Completion: DM 17-XXX

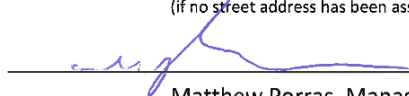
Notice pursuant to Civil Code Section 3093, must be filed within 10 days after completion.

Notice is hereby given that:

1. The undersigned is owner or corporate officer of the owner of the interest in the property hereinafter described:
2. The full name of the owner is Yucaipa Valley Water District
3. The full address of the owner is 12770 Second Street, Yucaipa, CA 92399
4. The Nature of the Interest or Estate of the Undersigned is: In Fee
5. A work performed hereinafter described was completed on July 6, 2017. The work done was: 30-Inch Potable Water Conveyance Pipeline Phase III and 8-Inch Acacia Avenue Pipeline
6. The name of the contractor for such work was: Borden Excavating
January 6, 2017
(Date of Contract)
7. The property on which said work was complete in the City of Yucaipa
County of San Bernardino, State of CA, and is described as APN: None
8. The street address of said property is None

(if no street address has been assigned, insert "none")

Dated July 07, 2017


Matthew Porras, Management Analyst
Yucaipa Valley Water District

Verification

I, the undersigned, say: I am the General Manager of the Declarant of the foregoing Notice of Completion; I have read said Notice of Completion and know the comments thereof; the same is true to my knowledge. I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 18, 2017 at Yucaipa, CA.

Joseph B. Zoba, General Manager
Yucaipa Valley Water District



July 6, 2017

818-36.6 F/C

Matthew Porras
 Yucaipa Valley Water District
 P.O. Box 730
 Yucaipa, CA 92399

Subject: 30" Potable Water Conveyance Pipeline - Phase III and 8" Acacia Avenue Pipeline
 Recommendation of Acceptance of Contract Work

Dear Mr. Porras:

All work required to be performed by Borden Excavating for the 30" Potable Water Conveyance Pipeline - Phase III and 8" Acacia Avenue Pipeline Project is essentially complete and the final Contract Amount for same is set forth as follows:

Original Contract Amount:	\$618,577.00
Contract Change Orders:	<u>\$0.00</u>
Final Contract Amount:	\$618,577.00

Since the Contract Work has been essentially completed in accordance with the Contract Documents, we recommend the District accept said Work. Subsequent to Board acceptance, a Notice of Completion should be filed and thereafter, following the lien period, the District should make final payment (i.e. release retained amount), provided no Stop Notices have been filed.

If you have any questions, please call.

Sincerely,

KRIEGER & STEWART

A handwritten signature in blue ink that reads 'Patrick M. Watson'.

Patrick M. Watson

PMW/
 818-36-RECACCEPT



Date: July 18, 2017

Prepared By: John Wrobel, Regulatory & Environmental Control Manager

Subject: Consideration of a Proposal from G&G Environmental Compliance to Update the Yucaipa Valley Water District's Pretreatment Local Limits

Recommendation: That the Board authorizes the General Manager to execute a contract with G&G Environmental Compliance for a sum not to exceed \$38,600.

On January 3, 2001, the Board of Directors established the District's Pretreatment Program by the adoption of Resolution 2001-01. An important part of the pretreatment program, consistent with EPA Pretreatment Regulations 40 CFR Part 403, is the creation of technically based local limits. Under this requirement, the District must establish discharge limits for various commercial and industrial sewer customers to prevent pollutants from entering the sewer treatment system that may interfere with the plant, degrade the quality of biosolids, or pass untreated through the treatment plant to contaminate the receiving waters.

The current local limits were established based upon the treatment processes in effect in 2009. Since that time, the Wochholz Regional Water Recycling Facility has been upgraded to a capacity of 8.0 million gallons per day (MGD) with a reverse osmosis treatment system.

G & G Environmental Compliance has been providing technical assistance to District staff on the pretreatment program and has been involved in the most recent local limit evaluation. Therefore, District staff requested the attached proposal from G & G Environmental Compliance to develop the pretreatment local limits.

A PROPOSAL TO DEVELOP TECHNICALLY BASED LOCAL WASTEWATER DISCHARGE LIMITATIONS



SUBMITTED TO:

YUCAIPA VALLEY WATER DISTRICT
ATTN: JOSEPH ZOBA, GENERAL MANAGER
12770 SECOND STREET
YUCAIPA, CA 92399

SUBMITTED BY:

G&G ENVIRONMENTAL COMPLIANCE, INC.
5053 LA MART DR. SUITE 203
RIVERSIDE, CA 92507



June 28, 2017



Proposal for Local Limits Development

TABLE OF CONTENTS

Table of Contents.....	i
1.0 G&G Corporation.....	2
1.1 Firm Description and Capabilities	2
1.2 Project Team	3
2.0 Introduction and Project Approach.....	4
2.1 Introduction.....	4
2.2 Project Approach	5
3.0 Scope of Work.....	7
3.1 Compile Existing Data	7
3.2 Develop Sampling Plan (Optional Task)	7
3.3 Data Organization	8
3.4 Develop Preliminary Local Limit Findings and Draft Report	9
3.5 Develop Final Draft Local Limit Findings and Recommendations Report.....	9
3.6 Attend & Participate as Directed in Public Hearing to Adopt Local Limits.....	9
4.0 Task List & Level of Effort.....	10
5.0 Related and/or Recently Completed Projects.....	11
5.1 City of Colton – Environmental Compliance Program Management.....	11
5.2 Yucaipa Valley Water District – Environmental Compliance Program Management .	11
5.3 Western Municipal Water District – Pretreatment Program Management.....	12
5.4 City of Oceanside-Development of Technically-Based Local Limits (by RvL Associates, Inc.).....	12
5.5 Other Local Limits Study Projects.....	12
Gary R. Ethridge	17
Professional Experience.....	17
Project Experience	17
Richard W. von Langen, PE.....	18
Professional Experience.....	18
Project Experience	18
Phuong Hunter.....	21
Professional Experience.....	21
Project Experience	21
Gary DeFrese	22
Professional Experience.....	22
Project Experience	22

APPENDIX A – G&G Rate Schedule (FY17-18)

APPENDIX B - INSURANCES

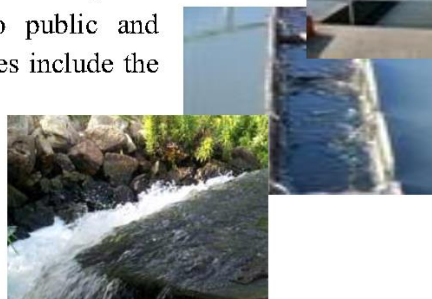


Proposal for Local Limits Development

1.0 G&G CORPORATION

1.1 Firm Description and Capabilities

G&G Environmental Compliance, Inc. (G&G) is an environmental science and regulatory compliance program Management Company that provides Project and Program Management services to public and private sector clients. G&G services include the full spectrum of environmental research and regulatory compliance activities, with particular emphasis on wastewater discharge and pretreatment program management.



G&G is a small business company formed in 2002 by two former public agency regulatory program managers to meet the growing need for consulting services that combine a unique blend of knowledge in city and municipal agency programs along with specific expertise in state, local, and federal environmental & regulatory compliance requirements. Our many years of experience in city and municipal regulatory program management provide a seamless interface with our clients and completion of stated goals and objectives.

G&G's primary business focus is water and wastewater compliance program management. Our unique experience and personnel provide proficiency in the following essential categories:

- ◆ Extensive knowledge of federal and state water & wastewater program regulations;
- ◆ Wastewater Discharge (Local) Limit Development
- ◆ Wastewater Ordinance and Enforcement Response Plan Development;
- ◆ Sewer System Management Plan (SSMP) and SSO Response Program Development;



Proposal for Local Limits Development

1.2 Project Team

Our Project Team consists of G&G staff and management that have previously developed technically based local limits for YVWD (District). G&G staff has also previously developed local limits for the City of Banning, City of Colton, City of Corona, City of Riverside, and the previous local limits for the Western Water Recycling Facility (formerly March ARB WTP). Mr. Rich von Langen of RvL Associates will join G&G to provide his extensive expertise with local limit evaluations, regulatory advocacy, pollutant reduction strategies, identification of cost sensitive alternatives for continued compliance, treatment plant design, and removal rate studies.. Mr. von Langen has prepared over 15 local limits studies and is currently performing one for the Dublin San Ramon Services District in Northern California. Complete resumes of the key personnel are provided as an attachment to this proposal.

GARY ETHRIDGE _____ **PROJECT MANAGER**

Mr. Ethridge is a Grade IV Environmental Compliance Inspector – California Water Environment Association (CWEA). Gary has extensive experience in developing wastewater ordinances, local wastewater limits, and enforcement response plans for City and Municipal agencies throughout Riverside and San Bernardino Counties. He remains active in the Environmental Compliance Inspector credential program and serves the CWEA as a lead vocationalist in southern California for mentoring new inspectors.

RICH VON LANGEN, P.E. _____ **PROFESSIONAL ENGINEER**

Mr. von Langen is a certified professional engineer and the President of RvL Associates. His 40 years of experience includes industrial waste and pretreatment program experience as a public agency employee for Orange County Sanitation Districts (7-years as the Manager of Source Control Department) and as a consulting engineer for 20 other pretreatment and stormwater related projects. Rich will provide quality assurance and quality control duties in the development of the local limits with primary tasking in the identification of representative monitoring locations; plant processes and removal rates identification; setting assumptions for the growth and safety factors; data review; and in certifying the results.



Proposal for Local Limits Development

GARY DEFRESE PROJECT SPECIALIST

Mr. DeFrese is a Grade IV Environmental Compliance Inspector – California Water Environment Association (CWEA). His 30+ years of experience includes managing and administering the City of Riverside’s Pretreatment and Stormwater Program. He administered the PTP for multiple Western Municipal Water District facilities including the Brine Line Program, WWRF, and the Murrieta Program. Gary will provide relevant information related to the commercial and industrial contributions needed to determine technically based local limits and work closely with our Engineer in selecting the pollutants of concern and in the allocation method that works best for the District and their customers.

PHUONG HUNTER TECHNICAL LEAD

Ms. Hunter is a candidate for a Grade IV Environmental Compliance Inspector – California Water Environment Association (CWEA). Her experience includes commercial and industrial inspection work and she is very familiar with the processing of Wastewater Reclamation Facility data, plant removal rate determination and local limits development. She will assist in the drafting of the preliminary reports and final reports of local limits.

LIA TITIZIAN ADMINISTRATIVE ASSISTANT

Ms. Titizian is an executive administrative assistant with many years of project experience related to data entry, document management, proof reading, accounting, file maintenance, and a variety of routine clerical duties. Her specific tasking in this project will be to develop the local limits data spreadsheets; QA/QC the data and the reports; and coordinate information between the other team members.

2.0 INTRODUCTION AND PROJECT APPROACH

2.1 Introduction

Yucaipa Valley Water District (District) owns and operates a Publicly Owned Treatment Works (POTW) that accepts wastewater from commercial and industrial users. As such, the facility is required to implement a Pretreatment Program (PTP) to ensure compliance with state and federal laws and to verify compliance with the District’s Sewer Use Ordinance. The District accepts wastewater from the Cities of Yucaipa and Calimesa. In October 2015, the District received Order No. R8-2015-0027, NPDES Permit No. CA0105619 from the Santa Ana Regional Water Quality Control Board outlining



Proposal for Local Limits Development

discharge and monitoring requirements. The District has upgraded their treatment facility to a design capacity of 8.0 MGD. Treatment now includes Reverse Osmosis (RO) and Ultraviolet Disinfection (UVD) which produces Title 22 tertiary treated recycled water that can be used throughout the community for landscape irrigation, industrial processes, dust control, agriculture and dual-plumbed buildings using recycled water for toilets, urinals, trap primers, etc.

The existing local limits have been in effect since February 2001 and was last revised in September 2009. The Environmental Protection Agency (EPA) requirements state that local limits should be evaluated at least every five (5) years to ensure adequacy in protecting the POTW from upset, interference, or pass-through. Therefore, a review of the local limits is recommended to comply with the state and federal PTP requirements. The evaluation will also determine if the existing limits are reasonable and defensible for:

1. protecting the treatment plant and collection system;
2. ensuring continued compliance with all regulatory requirements related to the discharge and/or reuse of treated wastewater;
3. protecting public health and agency staff working at the treatment plant; and
4. maximizing the opportunities for re-use of treated wastewater and improve sludge quality to protect municipal biosolids re-use and/or disposal options.

2.2 Project Approach

The District has requested a complete review of the existing local limits which were formally adopted on August 4, 2010 by the District's Board of Directors to determine if they are still adequate and defensible using new plant removal data, increased flow rates, and new NPDES Permit and recycled water criteria contained in Order NO. No. R8-2015-0027.

This proposal contains a strategy and detailed plan for:

- a. Conducting the necessary research (reviewing historical treatment plant influent, secondary, effluent and biosolids data, regulatory requirements, etc.);
- b. Determining Pollutants of Concern (POC);
- c. Developing a local limits sampling plan;
- d. Oversight of the local limits sampling task;



Proposal for Local Limits Development

- e. Coordinating sample data information with the chosen contracted laboratory to allow data to populate our spreadsheets rather than have to re-enter the data.
- f. Develop local limit spread sheets to organize data for analytical and statistical purposes;
- g. Determine plant process removal rates, process flows, inhibition values, domestic and commercial loading data, growth rates, safety factors, industrial wastewater loading contributions, and allocation methodologies;
- h. Determine and recommend technically based and legally defensible local wastewater limitation for industrial users that contribute wastewater to the Districts' treatment plant;
- i. Review comments and prepare a final local limit report; present findings and recommendations, and facilitate approval and adoption of said limits.



Proposal for Local Limits Development

3.0 SCOPE OF WORK

G&G's approach to this project will follow a systematic collection, review, interpretation, and report of findings and recommendations as detailed below.

3.1 Compile Existing Data

The general approach to developing technically based local limits and determining if the existing limits are accurate is detailed below:

1. G&G will prepare and submit an information request list to identify and then review documents and data needed to develop local limits. This will include existing permits for treated wastewater, biosolids, and/or recycled water; plant removal data, collection system data (residential, commercial, and industrial), schematics of the collection and treatment plant, existing local limits, etc.
2. From this information and using the EPA Local Limits Development Guidance Manual (EPA Local Limits Development Guidance Manual (EPA 833-R-04-002A, July 2004) and updated information from discussions with EPA staff, we will develop a list of pollutants of concern (POC)
3. Evaluate the existing data to determine if there are any missing data. If there is we will meet with the District staff to discuss our finding and determine if a sampling plan is needed.

3.2 Develop Sampling Plan (Optional Task)

If it is determined that additional field data are needed to develop technically-based local limits, G&G proposes to develop a comprehensive sampling plan to evaluate all Pollutants of Concern. Please note that G&G assumes that field sampling and analytical costs are outside the scope of this project and will be performed by either in-house District staff or contract laboratory. G&G with input from District will prepare the Sampling Plan using the following systematic approach:

1. Include in-plant sampling to determine removal rates at various (through primary & secondary treatment); consider and/or validate literature values for inhibition values;



Proposal for Local Limits Development

2. Determine appropriate “residential” sample site(s) to gather representative data (i.e., uncontrolled contributions);
3. Determine appropriate commercial sample site(s) to gather representative data of currently uncontrolled contributions
4. Evaluate existing IU data to determine existing IU loading at the WWRF;
5. Consider rainfall days in the sampling window to evaluate infiltration impacts if deemed appropriate;
6. Review and evaluate diurnal variations and weekend sampling during the sampling window to better evaluate residential contributions, water softener impacts (most on-site regenerative systems at residential dwellings discharge during late night early morning hours); and
7. Evaluate and select a cost-effective strategy for the timing and collection methods utilized at each location.

3.3 Data Organization

G&G will develop and prepare a spreadsheet to record and organize all collected analytical data for comparison with all limiting criteria (i.e., sludge quality, effluent standards, reclaimed water criteria, groundwater objectives, health and safety criteria, and plant inhibition values, etc.). A preliminary mass balance comparing the collection system inputs to the plant influent and across the treatment plant will be performed to assess the accuracy of the information collected. Using this information, G&G will also calculate the maximum allowable headworks loading and the maximum allowable industrial loading.

The local limit guidance document also provides options which consider the allocation of limits to be uniform or non-uniform; consider various residential, commercial, and/or industrial growth rates and safety factors that may be different percentages based upon anticipated growth or to induce industrial development, etc.). The beneficial reuse of municipal biosolids or alternate disposal options is also considered during this effort.



Proposal for Local Limits Development

3.4 Develop Preliminary Local Limit Findings and Draft Report

1. Evaluate all spreadsheet data, calculations, assumptions, and mass balances to determine the defensibility of the data and the findings. We will also evaluate the use of Best Management Practices as limitations (in lieu of numerical limits) or specific prohibitions for certain pollutant parameters (collection system concerns) during this step.
2. In a draft report, communicate initial findings with District staff and management to discuss the report and any implications it may have for existing or future industrial user, and solicit comments for incorporation into the final draft report.
3. As directed by District, share initial findings with the Regional Water Quality Control Board to gain tentative concurrence with the study, findings, and recommendations.

3.5 Develop Final Draft Local Limit Findings and Recommendations Report

1. Prepare final draft local limits recommendations for presentation to District Board Workshop.
2. Submit the Final Draft Local Limits Report to the RWQCB
3. If needed, modify report based on RWQCB comments and submit as the Final Report

3.6 Attend & Participate as Directed in Public Hearing to Adopt Local Limits

1. As directed by District management, attend and participate as needed during the formal Public Hearing to adopt the new local limits.



Proposal for Local Limits Development

4.0 TASK LIST & LEVEL OF EFFORT

G&G proposes to perform the following tasks identified in Section 2.0 (Project Approach) to complete the local limits study.

YUCAIPA VALLEY WATER DISTRICT													
Local Limits Study													
Estimated Level of Effort & Cost													
TASK NO.	DESCRIPTION	LEVEL OF EFFORT, HOURS					TOTAL LABOR	FEE, DOLLARS				CLIENT TOTAL	
		Gary E.	Rich vL.	Gary D.	Phuong H.	Lia T.		LABOR	TECH.CH.	ODC	TOTAL		
1	Project Management												
1.1	Project Set-up	3				2	5	\$205	\$0		\$205		
1.2	Routine Administration	12				12	24	\$1,980	\$0		\$1,980		
1.3	Quality Assurance Review		8	12			20	\$2,100	\$0		\$2,100		
							0	\$0	\$0		\$0		
	Subtotal 1	15	8	12	0	14	49	\$4,285	\$0	\$0	\$4,285	\$	4,300
2	Compile Existing Data												
2.1	Prepare Data Request	1	2				3	\$375	\$0		\$375		
2.2	Determine POC	1	6				7	\$915	\$0		\$915		
2.3	Determine Data Gaps		2		10		12	\$1,120	\$0		\$1,120		
	Subtotal 2	2	10	0	10	0	22	\$2,410	\$0	\$0	\$2,410	\$	2,400
3	Sampling Plan (Optional)												
3.1	In plant Sampling and Analysis	2			4	1	7	\$610	\$0		\$610		
3.2	Collection System Sampling and Analysis	4		2	8	1	15	\$1,330	\$0	\$75	\$1,405		
3.3	Additional Information	4			8	1	13	\$1,160	\$0		\$1,160		
	Subtotal 3	10	0	2	20	3	35	\$3,100	\$0	\$75	\$3,175	\$	3,200
4	Data Organization												
4.1	Prepare Data Spreadsheets		2		4	24	30	\$2,050	\$0		\$2,050		
4.2	Perform Statistical Analyses of Data	2	2		8		12	\$1,160	\$0		\$1,160		
4.3	Perform Mass Balances	2	4		8		14	\$1,430	\$0		\$1,430		
4.4	Calculate MAHL and MAIL	2	2		4		8	\$820	\$0		\$820		
4.5	Calculate Local Limits	2	12		12		28	\$2,850	\$0		\$2,850		
	Subtotal 4	8	22	0	36	24	90	\$8,310	\$0	\$0	\$8,310	\$	8,300
5	Draft Report												
5.1	Evaluate information to determine defensibility	4		4			8	\$760	\$0		\$760		
5.2	Prepare Draft Report	12	32		16	12	72	\$7,660	\$0		\$7,660		
5.3	Presentation to staff, task force, and committee	20		12		4	36	\$3,360	\$0	\$400	\$3,760		
5.4	Presentation to RWQCB (optional)	4	3		2		9	\$945	\$0		\$945		
	Subtotal 5	40	35	16	16	18	125	\$12,725	\$0	\$400	\$13,125	\$	13,100
6	Draft Final Report												
6.1	Prepare Draft Final Report	4	8		8	4	24	\$2,420	\$0		\$2,420		
6.2	Submit Draft Final Report to RWQCB	1				2	3	\$225	\$0	\$125	\$350		
6.3	Modify Report per RWQCB comments	4	8		12	4	28	\$2,760	\$0		\$2,760		
	Subtotal 6	9	16	0	20	10	55	\$5,405	\$0	\$125	\$5,530	\$	5,500
7	Meetings												
7.1	Monthly Status Meetings	16					16	\$1,680		\$108	\$1,788		
	Subtotal 7	16					16	\$1,680		\$108	\$1,788	\$	1,800
	SUBTOTAL PROPOSED, hours	86	88	28	82	64	348						
	SUBTOTAL OPTIONAL, hours	14	3	2	20	5	44						
	TOTAL, hours	100	91	30	102	69	392						
	TOTAL, dollars							\$37,915	\$0	\$600	\$38,623	\$	38,600



Date: July 18, 2017

Prepared By: Jennifer Ares, Water Resource Manager

Subject: Assignment of Appointees to Represent the Yucaipa Valley Water District at the San Timoteo and Yucaipa Groundwater Sustainability Agencies

Recommendation: That the by minute order, the Board appoints:

- Jennifer Ares as the Primary Representative and Joseph Zoba as the Alternate Representative to the San Timoteo Groundwater Sustainability Agency; and
- Joseph Zoba as the Primary Representative and Jennifer Ares as the Alternate Representative to the Yucaipa Groundwater Sustainability Agency.

The Sustainable Groundwater Management Act (SGMA) became a new state requirement on September 16, 2004, establishing a new structure for managing California's groundwater resources. The deadline to submit a Groundwater Sustainability Agencies (GSA) was on June 30, 2017, GSA's are responsible for developing and implementing a groundwater sustainability plan (GSP) to meet the sustainability goal of the basin.

At this time, it would be helpful for the Board of Directors to confirm the appointments of Joseph Zoba, General Manager and Jennifer Ares, Water Resource Manager to the local Groundwater Sustainability Agencies.



Date: July 18, 2017

Prepared By: Erin Anton, Administrative Clerk
Peggy Little Administrative Supervisor

Subject: Authorization to Post Delinquent accounts to the Property Tax Rolls of San Bernardino County and Riverside County

Recommendation: That the Board adopts Resolution 2017-17 for San Bernardino County and Resolution 2017-18 for Riverside County authorizing the posting of delinquent charges to the property tax rolls.

Each year the Yucaipa Valley Water District posts delinquent utility service accounts to the property tax rolls for collection. The property owners have been notified that the District intends to place all delinquent charges, fees and penalties to the property tax rolls.

The attached resolutions provide detailed account information and the total delinquent amount for each parcel.

RESOLUTION NO. 2017-17**A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT
ADDING DELINQUENT NON-PAID CHARGES TO THE ANNUAL PROPERTY TAXES
LEVIED UPON THE PARCELS FOR WHICH THE CHARGES ARE DELINQUENT IN SAN
BERNARDINO COUNTY, CALIFORNIA**

WHEREAS, the Board of Directors of the Yucaipa Valley Water District has reviewed a report and statement of those delinquent unpaid charges for services within the Yucaipa Valley Water District which were delinquent and unpaid for sixty (60) days or more on July 18, 2017; and

WHEREAS, the Board of Directors have decided that said delinquent and unpaid charges are to be included in the property tax levied on said property.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors, that the Yucaipa Valley Water District that the following is hereby resolved, determined and ordered:

Section 1. That the report of the Yucaipa Valley Water District's delinquent and unpaid charges for service within the District which remain unpaid and delinquent for sixty (60) days or more on July 18, 2017, is hereby approved as the list of delinquent parcels.

Section 2. That the unpaid and delinquent charges listed in said report, for the parcel of property, are fixed at the amount listed and shall be released administratively upon payment.

Section 3. That the Secretary shall file with the County Auditor of the County of San Bernardino, and the Board of Supervisors of San Bernardino County, in the time and manner specified by the County Auditor and Board of Supervisors, a copy of such written report with a statement endorsed hereon over the signature of the Secretary that such a report has been finally adopted and approved by this Board of Directors and that the County Auditor shall enter the amount of such charges against the respective lot or parcel of land as it appears on the current assessment roll.

Section 4. That the County Tax Collector shall include the amount of charges on bills for taxes levied against the respective lot and parcel of land and, thereafter, the amount of such unpaid and delinquent charges shall be collected at the same time and in the same manner by the same person as, together with and not separately from the general taxes, if any, for the District or the County of San Bernardino and shall be delinquent at the same time and thereafter be subject to the same delinquency penalties.

Section 5. That any parcel collected through this method of collection remain on the Annual Property Tax Roll and charged the monthly sewer service charge annually.

This Resolution is effective immediately upon adoption.

PASSED, APPROVED and ADOPTED this 18th day of July 2017.

YUCAIPA VALLEY WATER DISTRICT

Jay Bogh, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager

**Yucaipa Valley Water District
Statement Unpaid and Delinquent Charges
July 18, 2017**

<u>Account</u>	<u>APN</u>	<u>Address</u>	<u>Added to Tax Rolls</u>
46-00006-02	30118217	32367 DUNLAP BLVD	849.48
46-00021-01	30107207	31964 AVENUE E	457.14
46-00057-04	30112247	32037 AVENUE E	942.02
46-00063-02	30105227	12201-0 13TH ST	977.98
46-00067-04	30105110	12216 13TH ST	164.91
46-00082-02	30307128	33002 YUCAIPA BLVD	471.15
46-00144-09	30109325	12568 13TH ST	101.36
46-00163-01	30117430	32717 KENTUCKY ST	141.96
96-00080-04	31823126	34089 AVENUE I	183.14
96-00100-06	31923333	13615 5TH ST	470.94
96-00162-01	124208208	13624 CUSTER ST	470.94
96-00175-03	31827221	13591 MEADOW ST	136.00
96-00222-02	31924281	13635 4TH ST	470.94
96-00272-06	31927119	35160 COUNTY LINE RD	132.70
96-00348-02	31925218	13486 2ND ST	471.13
96-00352-07	31926229	13483 2ND ST	470.94
96-00356-04	31925384	13649 3RD ST	360.53
96-00379-02	124215201	13496 LANTANA AVE	519.74
96-00388-03	31926223	34994 VICKEY WAY	135.56
96-00471-02	31822308	13480 5TH ST	278.11
96-00546-01	31947202	35270 SANTA MARIA	183.14
96-00571-02	31826101	13397 ROBIN CT	470.94
96-00680-01	124206133	13408 DOUGLAS ST	136.00
96-00893-08	124211105	35587 WILDWOOD CANYON RD	469.22
96-00945-02	31940201	13389 2ND ST	618.12
96-00952-02	31923376	13691 5TH ST	470.94
96-00966-05	31827233	13576 5TH ST	232.89
96-00969-02	31940108	13370 2ND ST	470.94
96-01019-02	31926273	35071 AVENUE H	284.88
96-01068-01	31823131	34059 AVENUE I	470.94
96-01072-04	31924247	13677 4TH ST	325.96
96-01075-09	124221104	35766 AVENUE H	470.71
96-01103-04	31823138	34054 AVENUE J	470.94
96-01111-03	31819209	13184 6TH PL	278.11
96-01114-02	31921149	34927 WILDWOOD CANYON RD	470.94
96-01140-06	31948108	34334 LA RAYE DR	136.00
96-01150-08	31920214	34883 WILDWOOD CANYON RD	303.39
96-01152-02	32214406	35454 AVENUE H	136.00
96-01189-03	31920350	13346 PENNY DR	395.17
96-01276-01	31926201	34917 AVENUE H	196.59
96-01388-05	31920339	34848 AVENUE H	373.77
96-01532-01	31925223	34887 AVENUE H	136.00
96-01566-02	31921216	35010 AVENUE H	470.70
96-01608-03	31921138	34918 AVENUE G	130.00
96-01659-05	31920366	34743 PLEASANT GROVE ST	236.39
96-01712-03	124221116	35724 DAMASCUS ST	470.94
96-01721-01	124215214	35660 PENROSE LN	182.58
96-01788-00	124205104	13277 BRYANT ST	520.29
96-01900-03	31921274	13318 CALIFORNIA ST	519.74
96-01946-03	31926258	34968 VICKEY WAY	356.24
96-02067-02	31823105	34071 AVENUE I	936.28
96-02103-01	124221120	13338 GRANT ST	470.94
96-02108-05	124224117	35728 COUNTY LINE RD	419.16
96-02239-05	124222215	13498 HOLMES ST	470.94
96-02339-01	31820218	34268 AVENUE H	136.00
96-02354-00	124213123	13383 DAFFODIL LN	278.11
96-02376-04	124213118	13352 LANTANA AVE	351.40
96-02406-05	124213305	13362 AZALEA LN	137.43
96-02417-02	124221208	35882 AVENUE H	470.94

**Yucaipa Valley Water District
Statement Unpaid and Delinquent Charges
July 18, 2017**

<u>Account</u>	<u>APN</u>	<u>Address</u>	<u>Added to Tax Rolls</u>
96-02424-02	31925323	34858 COUNTY LINE RD	470.94
96-02454-05	31822108	13378 5TH PL	568.81
96-02463-06	124208107	35368 SAN PABLO DR	129.96
96-02475-04	124207110	35352 SANTA ROSA DR	417.96
96-02506-05	124208123	35309 SANTA ROSA	571.77
96-02569-01	31956105	13354 SAN JUAN AVE	667.65
96-02646-07	124207131	35390 EMERALD WAY	136.00
96-02708-06	31941116	34997 SAN ROSEN CT	230.51
96-02764-08	31925346	34789 TARA LN	136.00
96-02819-02	124223115	35748 SANTA MARIA ST	470.94
96-02869-01	31919239	34592 AVENUE H	136.00
96-02931-04	31922347	35264 AVENUE H	421.75
96-02939-04	31920202	34739 WILDWOOD CANYON RD	470.94
96-03012-05	31948122	34334 AVENUE H	675.14
96-03145-00	124223107	13509 FREMONT ST	173.22
96-03158-01	30110113	12329 13TH ST	470.94
		San Bernardino Lien Total	28,414.87

RESOLUTION NO. 2017-18**A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT
ADDING DELINQUENT NON-PAID CHARGES TO THE ANNUAL PROPERTY TAXES
LEVIED UPON THE PARCELS FOR WHICH THE CHARGES ARE DELINQUENT IN
RIVERSIDE COUNTY, CALIFORNIA**

WHEREAS, the Board of Directors of the Yucaipa Valley Water District has reviewed a report and statement of those delinquent unpaid charges for services within the Yucaipa Valley Water District which were delinquent and unpaid for sixty (60) days or more on July 18, 2017; and

WHEREAS, the Board of Directors have decided that said delinquent and unpaid charges are to be included in the property tax levied on said property.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors, that the Yucaipa Valley Water District that the following is hereby resolved, determined and ordered:

Section 1. That the report of the Yucaipa Valley Water District's delinquent and unpaid charges for service within the District which remain unpaid and delinquent for sixty (60) days or more on July 18, 2017, is hereby approved as the list of delinquent parcels.

Section 2. That the unpaid and delinquent charges listed in said report, for the parcel of property, are fixed at the amount listed and shall be released administratively upon payment.

Section 3. That the Secretary shall file with the County Auditor of the County of San Bernardino, and the Board of Supervisors of San Bernardino County, in the time and manner specified by the County Auditor and Board of Supervisors, a copy of such written report with a statement endorsed hereon over the signature of the Secretary that such a report has been finally adopted and approved by this Board of Directors and that the County Auditor shall enter the amount of such charges against the respective lot or parcel of land as it appears on the current assessment roll.

Section 4. That the County Tax Collector shall include the amount of charges on bills for taxes levied against the respective lot and parcel of land and, thereafter, the amount of such unpaid and delinquent charges shall be collected at the same time and in the same manner by the same person as, together with and not separately from the general taxes, if any, for the District or the County of San Bernardino and shall be delinquent at the same time and thereafter be subject to the same delinquency penalties.

Section 5. That any parcel collected through this method of collection remain on the Annual Property Tax Roll and charged the monthly sewer service charge annually.

This Resolution is effective immediately upon adoption.

PASSED, APPROVED and ADOPTED this 18th day of July 2017.

YUCAIPA VALLEY WATER DISTRICT

Jay Bogh, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager

**Yucaipa Valley Water District
Statement Unpaid and Delinquent Charges
July 18, 2017**

<u>Account</u>	<u>APN</u>	<u>Address</u>	<u>Added to Tax Rolls</u>
96-00010-03	409042003-0	447 E COUNTY LINE RD	470.94
96-00029-06	411111001-8	955 CALIMESA BLVD.	470.94
96-00065-03	411251005-5	478 MYRTLEWOOD DR	183.14
96-00071-03	410100027-1	193 W COUNTY LINE RD	508.47
96-00156-01	411100033-3	941 CALIMESA BLVD	718.76
96-00180-04	411255002-4	423 MYRTLEWOOD DR	470.94
96-00308-02	411100003-6	915 CALIMESA BLVD	409.20
96-00391-02	410020007-6	367 W COUNTY LINE RD	942.00
96-00516-01	411190002-4	1071 7TH ST	470.94
96-00665-05	411200002-4	749 W AVENUE L	938.52
96-00678-04	410140014-3	146 W AVENUE L	498.80
96-00908-04	409112018-0	205 SYLLMAR CIR	469.22
96-01151-03	410151015-8	190 E AVENUE L	338.01
96-01377-05	409112023-4	234 E AVENUE L	557.35
96-01390-02	410070021-3	228 W AVENUE L	470.94
96-01416-08	410161010-4	1086 DONNA LN	470.94
96-01461-00	410040001-2	295 W COUNTY LINE RD	163.18
96-01464-03	411160023-0	418 W AVENUE L	470.94
96-01485-02	409020024-1	915 DOUGLAS PL	305.16
96-01654-06	411172006-2	1073 4TH ST	678.71
96-01706-02	410170012-4	145 E AVENUE L	374.06
96-01710-01	409030011-0	933 DOUGLAS ST	942.00
96-01783-01	411120035-7	1039 CALIMESA BLVD	430.18
96-01867-02	410161012-6	1124 DONNA LN	568.81
96-02010-06	411251004-4	480 MYRTLEWOOD DR	470.94
96-02030-07	411160009-8	496 BUENA VISTA	183.14
96-02063-02	411150009-7	934 4TH ST	469.22
96-02127-03	411160034-0	1045 5TH ST	299.44
96-02131-02	411160002-1	991 5TH ST	450.64
96-02178-01	411171011-3	461 W AVENUE L	470.94
96-02197-01	411150014-1	441 W COUNTY LINE RD	470.94
96-02237-02	411160018-6	466 W AVENUE L	268.02
96-02240-02	410161002-7	197 W AVENUE L	470.94
96-02295-00	411120045-6	560 W AVENUE L	422.38
96-02296-02	413071005-3	840 W COUNTY LINE RD	351.78
96-02637-06	410030043-9	366 FLORDASON	121.04
96-02676-04	410020027-4	380 ROGERS CT	470.94
96-02795-04	410120036-1	157 VICTORIA LN	136.00
96-02877-04	410162017-4	1054 BARNES CT	686.78
96-02906-02	410120030-5	180 VICTORIA LN	345.41
96-02909-04	410062003-2	1065 CLING WAY	466.65
96-02937-03	410152008-5	989 COTTONWOOD DR	568.81
		Riverside Lien Total	19,446.16

Board Reports



Yucaipa Valley Water District

Director Comments



Yucaipa Valley Water District



FACTS ABOUT THE YUCAIPA VALLEY WATER DISTRICT

Service Area Size: 40 square miles (sphere of influence is 68 square miles)

Elevation Change: 3,140 foot elevation change (from 2,044 to 5,184 feet)

Number of Employees: 5 elected board members
62 full time employees

Operating Budget: Water Division - \$13,397,500
Sewer Division - \$11,820,000
Recycled Water Division - \$537,250
Total Annual Budget - \$25,754,750

Number of Services: 12,434 water connections serving 17,179 units
13,559 sewer connections serving 20,519 units
64 recycled water connections

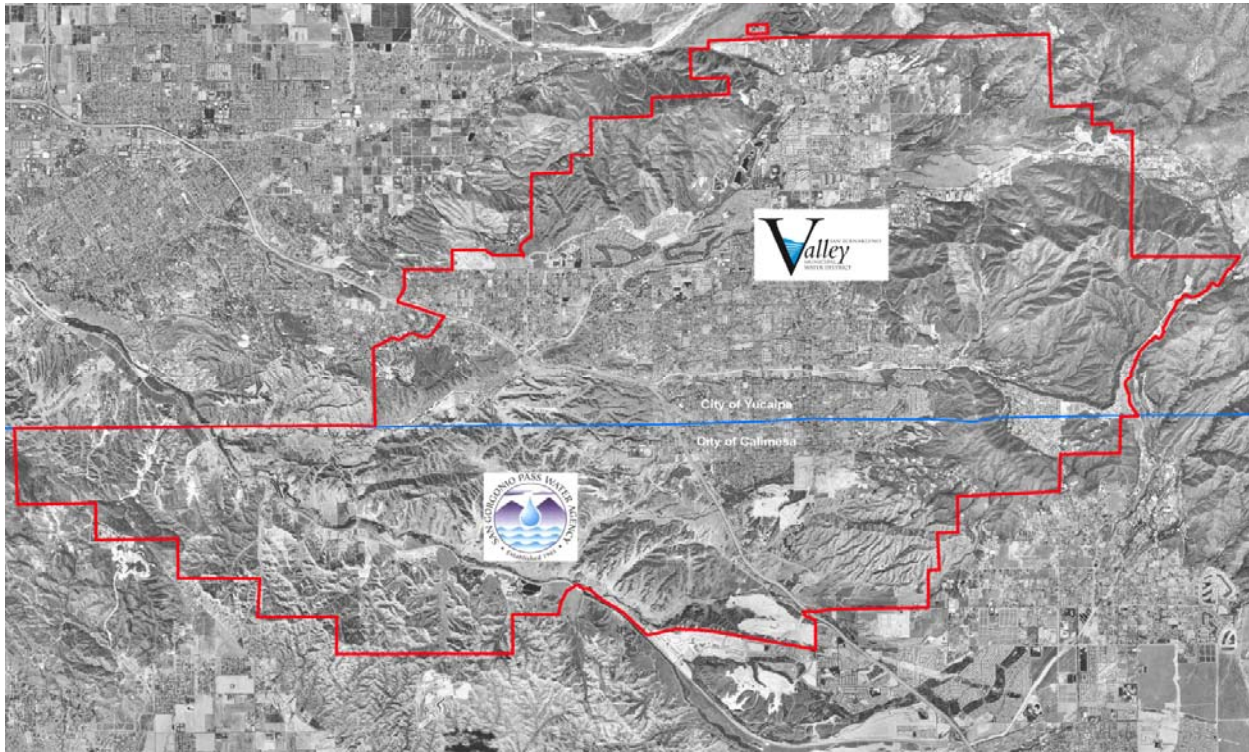
Water System: 215 miles of drinking water pipelines
27 reservoirs - 34 million gallons of storage capacity
18 pressure zones
12,000 ac-ft annual water demand (3.9 billion gallons)
Two water filtration facilities:
- 1 mgd at Oak Glen Surface Water Filtration Facility
- 12 mgd at Yucaipa Valley Regional Water Filtration Facility

Sewer System: 8.0 million gallon treatment capacity - current flow at 4.0 mgd
205 miles of sewer mainlines
5 sewer lift stations
4,500 ac-ft annual recycled water prod. (1.46 billion gallons)

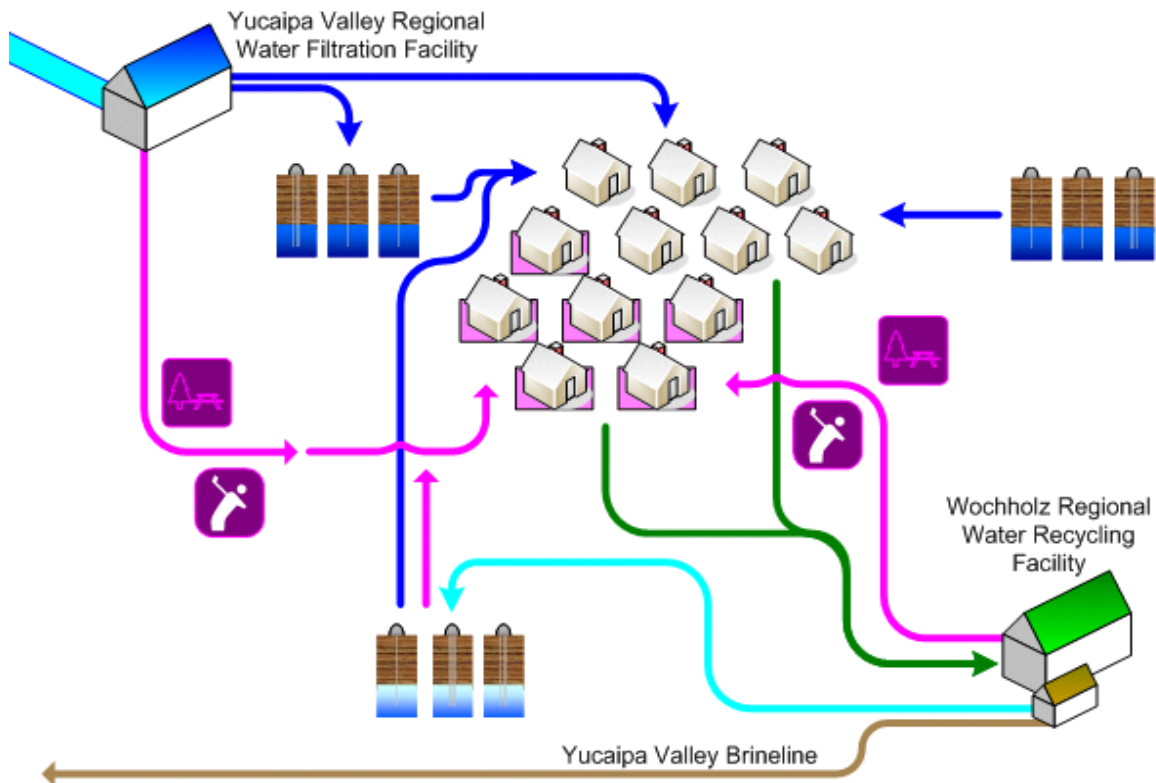
Recycled Water: 22 miles of recycled water pipelines
5 reservoirs - 12 million gallons of storage
1,200 ac-ft annual recycled demand (0.4 billion gallons)

Brine Disposal: 2.2 million gallon desalination facility at sewer treatment plant
1.108 million gallons of Inland Empire Brine Line capacity
0.295 million gallons of treatment capacity in Orange County

State Water Contractors: San Bernardino Valley Municipal Water District
San Geronimo Pass Water Agency



Sustainability Plan: A Strategic Plan for a Sustainable Future: The Integration and Preservation of Resources, adopted on August 20, 2008.





THE MEASUREMENT OF WATER PURITY

One part per hundred is generally represented by the percent (%).
This is equivalent to about fifteen minutes out of one day.

One part per thousand denotes one part per 1000 parts.
This is equivalent to about one and a half minutes out of one day.

One part per million (ppm) denotes one part per 1,000,000 parts.
This is equivalent to about 32 seconds out of a year.

One part per billion (ppb) denotes one part per 1,000,000,000 parts.
This is equivalent to about three seconds out of a century.

One part per trillion (ppt) denotes one part per 1,000,000,000,000 parts.
This is equivalent to about three seconds out of every hundred thousand years.

One part per quadrillion (ppq) denotes one part per 1,000,000,000,000,000 parts.
This is equivalent to about two and a half minutes out of the age of the Earth (4.5 billion years).





GLOSSARY OF COMMONLY USED TERMS

Every profession has specialized terms which generally evolve to facilitate communication between individuals. The routine use of these terms tends to exclude those who are unfamiliar with the particular specialized language of the group. Sometimes jargon can create communication cause difficulties where professionals in related fields use different terms for the same phenomena.

Below are commonly used water terms and abbreviations with commonly used definitions. If there is any discrepancy in definitions, the District's Regulations Governing Water Service is the final and binding definition.

Acre Foot of Water - The volume of water (325,850 gallons, or 43,560 cubic feet) that would cover an area of one acre to a depth of 1 foot.

Activated Sludge Process – A secondary biological sewer treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen, and consume dissolved nutrients in the wastewater.

Annual Water Quality Report - The document is prepared annually and provides information on water quality, constituents in the water, compliance with drinking water standards and educational material on tap water. It is also referred to as a Consumer Confidence Report (CCR).

Aquifer - The natural underground area with layers of porous, water-bearing materials (sand, gravel) capable of yielding a supply of water; see Groundwater basin.

Backflow - The reversal of water's normal direction of flow. When water passes through a water meter into a home or business it should not reverse flow back into the water mainline.

Best Management Practices (BMPs) - Methods or techniques found to be the most effective and practical means in achieving an objective. Often used in the context of water conservation.

Biochemical Oxygen Demand (BOD) – The amount of oxygen used when organic matter undergoes decomposition by microorganisms. Testing for BOD is done to assess the amount of organic matter in water.

Biosolids – Biosolids are nutrient rich organic and highly treated solid materials produced by the sewer treatment process. This high-quality product can be used as a soil amendment on farm land or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

Catch Basin – A chamber usually built at the curb line of a street, which conveys surface water for discharge into a storm sewer.

Capital Improvement Program (CIP) – Projects for repair, rehabilitation, and replacement of assets. Also includes treatment improvements, additional capacity, and projects for the support facilities.

Collector Sewer – The first element of a wastewater collection system used to collect and carry wastewater from one or more building sewer laterals to a main sewer.

Coliform Bacteria – A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere and is generally used as an indicator of sewage pollution.

Combined Sewer Overflow – The portion of flow from a combined sewer system, which discharges into a water body from an outfall located upstream of a wastewater treatment plant, usually during wet weather conditions.

Combined Sewer System– Generally older sewer systems designed to convey both sewage and storm water into one pipe to a wastewater treatment plant.

Conjunctive Use - The coordinated management of surface water and groundwater supplies to maximize the yield of the overall water resource. Active conjunctive use uses artificial recharge, where surface water is intentionally percolated or injected into aquifers for later use. Passive conjunctive use is to simply rely on surface water in wet years and use groundwater in dry years.

Consumer Confidence Report (CCR) - see Annual Water Quality Report.

Cross-Connection - The actual or potential connection between a potable water supply and a non-potable source, where it is possible for a contaminant to enter the drinking water supply.

Disinfection By-Products (DBPs) - The category of compounds formed when disinfectants in water systems react with natural organic matter present in the source water supplies. Different disinfectants produce different types or amounts of disinfection byproducts. Disinfection byproducts for which regulations have been established have been identified in drinking water, including trihalomethanes, haloacetic acids, bromate, and chlorite

Drought - a period of below average rainfall causing water supply shortages.

Dry Weather Flow – Flow in a sanitary sewer during periods of dry weather in which the sanitary sewer is under minimum influence of inflow and infiltration.

Fire Flow - The ability to have a sufficient quantity of water available to the distribution system to be delivered through fire hydrants or private fire sprinkler systems.

Gallons per Capita per Day (GPCD) - A measurement of the average number of gallons of water use by the number of people served each day in a water system. The calculation is made by dividing the total gallons of water used each day by the total number of people using the water system.

Groundwater Basin - An underground body of water or aquifer defined by physical boundaries.

Groundwater Recharge - The process of placing water in an aquifer. Can be a naturally occurring process or artificially enhanced.

Hard Water - Water having a high concentration of minerals, typically calcium and magnesium ions.

Hydrologic Cycle - The process of evaporation of water into the air and its return to earth in the form of precipitation (rain or snow). This process also includes transpiration from plants, percolation into the ground, groundwater movement, and runoff into rivers, streams and the ocean; see Water cycle.

Infiltration – Water other than sewage that enters a sewer system and/or building laterals from the ground through defective pipes, pipe joints, connections, or manholes. Infiltration does not include inflow. See *Inflow*.

Inflow - Water other than sewage that enters a sewer system and building sewer from sources such as roof vents, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm drains and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include infiltration. See *Infiltration*.

Inflow / Infiltration (I/I) – The total quantity of water from both inflow and infiltration.

Mains, Distribution - A network of pipelines that delivers water (drinking water or recycled water) from transmission mains to residential and commercial properties, usually pipe diameters of 4" to 16".

Mains, Transmission - A system of pipelines that deliver water (drinking water or recycled water) from a source of supply the distribution mains, usually pipe diameters of greater than 16".

Meter - A device capable of measuring, in either gallons or cubic feet, a quantity of water delivered by the District to a service connection.

Overdraft - The pumping of water from a groundwater basin or aquifer in excess of the supply flowing into the basin. This pumping results in a depletion of the groundwater in the basin which has a net effect of lowering the levels of water in the aquifer.

Peak Flow – The maximum flow that occurs over a specific length of time (e.g., daily, hourly, instantaneously).

Pipeline - Connected piping that carries water, oil or other liquids. See Mains, Distribution and Mains, Transmission.

Point of Responsibility, Metered Service - The connection point at the outlet side of a water meter where a landowner's responsibility for all conditions, maintenance, repairs, use and replacement of water service facilities begins, and the District's responsibility ends.

Potable Water - Water that is used for human consumption and regulated by the California Department of Public Health.

Pressure Reducing Valve - A device used to reduce the pressure in a domestic water system when the water pressure exceeds desirable levels.

Pump Station - A drinking water or recycled water facility where pumps are used to push water up to a higher elevation or different location.

Reservoir - A water storage facility where water is stored to be used at a later time for peak demands or emergencies such as fire suppression. Drinking water and recycled water systems will typically use concrete or steel reservoirs. The State Water Project system considers lakes, such as Shasta Lake and Folsom Lake to be water storage reservoirs.

Runoff - Water that travels downward over the earth's surface due to the force of gravity. It includes water running in streams as well as over land.

Sanitary Sewer System - Sewer collection system designed to carry sewage, consisting of domestic, commercial, and industrial wastewater. This type of system is not designed nor intended to carry water from rainfall, snowmelt, or groundwater sources. See *Combined Sewer System*.

Sanitary Sewer Overflow – Overflow from a sanitary sewer system caused when total wastewater flow exceeds the capacity of the system. See *Combined Sewer Overflow*.

Santa Ana River Interceptor (SARI) Line – A regional brine line designed to convey 30 million gallons per day of non-reclaimable wastewater from the upper Santa Ana River basin to the sewer treatment plant operated by Orange County Sanitation District.

Secondary Treatment – Biological sewer treatment, particularly the activated-sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.

Supervisory Control and Data Acquisition (SCADA) - A computerized system which provides the ability to remotely monitor and control water system facilities such as reservoirs, pumps and other elements of water delivery.

Service Connection - The water piping system connecting a customer's system with a District water main beginning at the outlet side of the point of responsibility, including all plumbing and equipment located on a parcel required for the District's provision of water service to that parcel.

Sludge – Untreated solid material created by the treatment of sewage.

Smart Irrigation Controller - A device that automatically adjusts the time and frequency which water is applied to landscaping based on real-time weather such as rainfall, wind, temperature and humidity.

Special District - A political subdivision of a state established to provide a public services, such as water supply or sanitation, within a specific geographic area.

Surface Water - Water found in lakes, streams, rivers, oceans or reservoirs behind dams.

Total Suspended Solids (TSS) – The amount of solids floating and in suspension in water or sewage.

Transpiration - The process by which water vapor is released into the atmosphere by living plants.

Trickling Filter – A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in primary treated sewage as it trickles over them.

Underground Service Alert (USA) - A free service that notifies utilities such as water, telephone, cable and sewer companies of pending excavations within the area (dial 8-1-1 at least 2 working days before you dig).

Urban Runoff - Water from city streets and domestic properties that typically carries pollutants into the storm drains, rivers, lakes, and oceans.

Valve - A device that regulates, directs or controls the flow of water by opening, closing or partially obstructing various passageways.

Wastewater – Any water that enters the sanitary sewer.

Water Banking - The practice of actively storing or exchanging in-lieu surface water supplies in available groundwater basin storage space for later extraction and use by the storing party or for sale or exchange to a third party. Water may be banked as an independent operation or as part of a conjunctive use program.

Water cycle - The continuous movement water from the earth's surface to the atmosphere and back again; see Hydrologic cycle.

Water Pressure - Pressure created by the weight and elevation of water and/or generated by pumps that deliver water to the tap.

Water Service Line - The pipeline that delivers potable water to a residence or business from the District's water system. Typically the water service line is a 1" to 1½" diameter pipe for residential properties.

Watershed - A region or land area that contributes to the drainage or catchment area above a specific point on a stream or river.

Water Table - The upper surface of the zone of saturation of groundwater in an unconfined aquifer.

Water Transfer - A transaction, in which a holder of a water right or entitlement voluntarily sells/exchanges to a willing buyer the right to use all or a portion of the water under that water right or entitlement.

Water Well - A hole drilled into the ground to tap an underground water aquifer.

Wetlands - Lands which are fully saturated or under water at least part of the year, like seasonal vernal pools or swamps.

Wet Weather Flow – Dry weather flow combined with stormwater introduced into a combined sewer system, and dry weather flow combined with infiltration/inflow into a separate sewer system.





COMMONLY USED ABBREVIATIONS

AQMD	Air Quality Management District
BOD	Biochemical Oxygen Demand
CARB	California Air Resources Board
CCTV	Closed Circuit Television
CWA	Clean Water Act
EIR	Environmental Impact Report
EPA	U.S. Environmental Protection Agency
FOG	Fats, Oils, and Grease
GPD	Gallons per day
MGD	Million gallons per day
O & M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
POTW	Publicly Owned Treatment Works
PPM	Parts per million
RWQCB	Regional Water Quality Control Board
SARI	Santa Ana River Inceptor
SAWPA	Santa Ana Watershed Project Authority
SBVMWD	San Bernardino Valley Municipal Water District
SCADA	Supervisory Control and Data Acquisition system
SSMP	Sanitary Sewer Management Plan
SSO	Sanitary Sewer Overflow
SWRCB	State Water Resources Control Board
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
WDR	Waste Discharge Requirements
YVWD	Yucaipa Valley Water District