Yucaipa Valley Water District

Notice and Agenda of a Board Workshop
Tuesday, October 11, 2011 at 4:00 p.m.

MEETING LOCATION:	District Administration Building 12770 Second Street, Yucaipa
MEMBERS OF THE BOARD:	Director Ian Cuthbertson, Division 1 Director Bruce Granlund, Division 2 Director Jay Bogh, Division 3 Director Lonni Granlund, Division 4 Director Hank Wochholz, Division 5

I. Call to Order

II. Public Comments: At this time, members of the public may address the Board of Directors on matters within its jurisdiction; however, no action or significant discussion may take place on any item not on the agenda. To provide comments on specific agenda items, please complete a speaker's request form and provide that form to the Board Secretary prior to the commencement of the Board meeting.

III. Staff Comments

IV. Capital Improvement Projects

- A. Status Report on the Construction of the Yucaipa Valley Regional Brineline [Workshop Memorandum No. 11-152 - Page 3 of 83]
- B. Retrofit of the Variable Frequency Drive Control Panel at Sewer Lift Station No. 1 [Workshop Memorandum No. 11-153 - Page 6 of 83]
- C. Status Report on the Construction of Recycled Water Projects [Workshop Memorandum No. 11-154 - Page 8 of 83]
- D. Status Report on the Removal of Existing Reservoir R-12.3 [Workshop Memorandum No. 11-155 - Page 10 of 83]

V. Administrative Issues

- A. Unaudited Financial Report for September 2011 [Workshop Memorandum No. 11-156 - Page 11 of 83]
- B. Proposed Asphalt Rehabilitation Projects at Three District Properties [Workshop Memorandum No. 11-157 - Page 40 of 83]

Any person with a disability who requires accommodation in order to participate in this meeting should telephone Erin Anton at (909) 797-5117, at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation.

Materials related to an item on this agenda submitted to the Board of Directors after distribution of the workshop packet are available for public inspection during normal business hours at the District office located at 12770 Second Street, Yucaipa. Meeting material is also be available on the District's website at www.yvwd.dst.ca.us

C. Approval of Class I Industrial User Discharge Permit for Sorenson Engineering [Workshop Memorandum No. 11-158 - Page 41 of 83]

RECOMMENDED ACTION: That the Board approves the Class I Industrial User Discharge Permit for Sorenson Engineering.

D. Implementation Riparian Habitat Monitoring in San Timoteo Creek [Workshop Memorandum No. 11-159 - Page 65 of 83]

E. Project Management Support Services by RMC Water & Environment [Workshop Memorandum No. 11-160 - Page 78 of 83]

VI. Closed Session

A. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: Supervisor Bargaining Unit

B. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: Exempt Employee Bargaining Unit

C. Conference with Real Property negotiator(s) (Government Code 54956.8)
Property: Assessor's Parcel Number: 301-201-29
Agency Negotiator: Joseph Zoba, General Manager
Negotiating Parties: Palmer General Corporation
Under Negotiation: Terms of Payment and Price

VII. Director Comments

VIII. Adjournment

Yucaipa Valley Water District

Workshop Memorandum 11-152

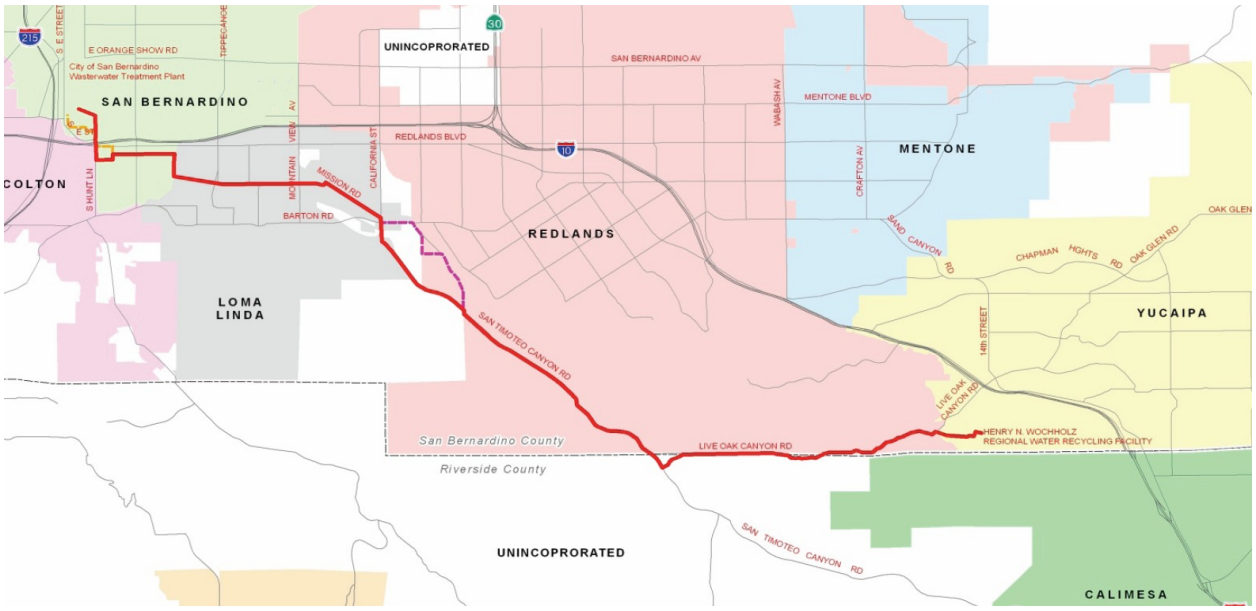
Date: **October 11, 2011**

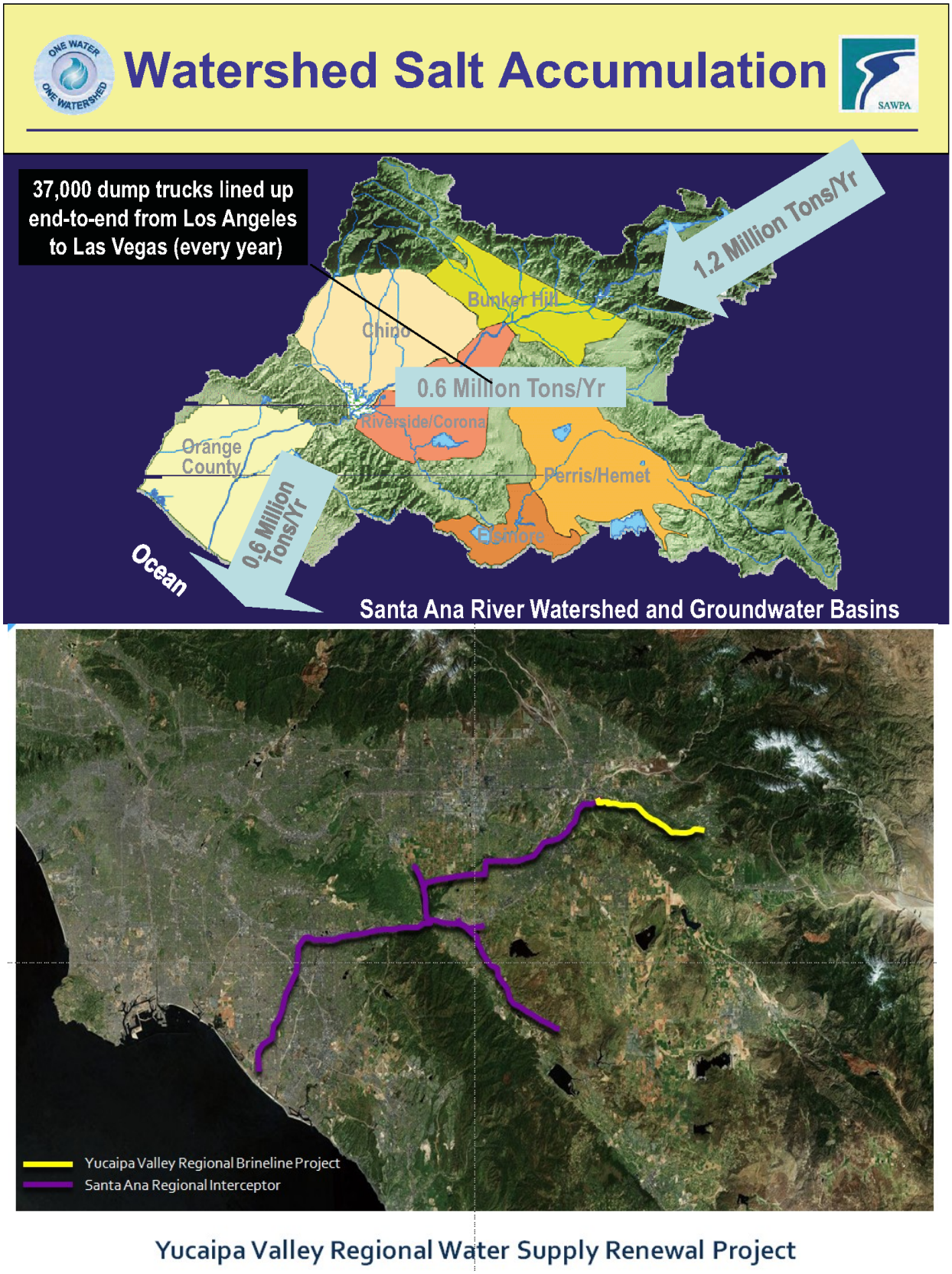
Subject: **Status Report on the Construction of the Yucaipa Valley Regional Brineline**

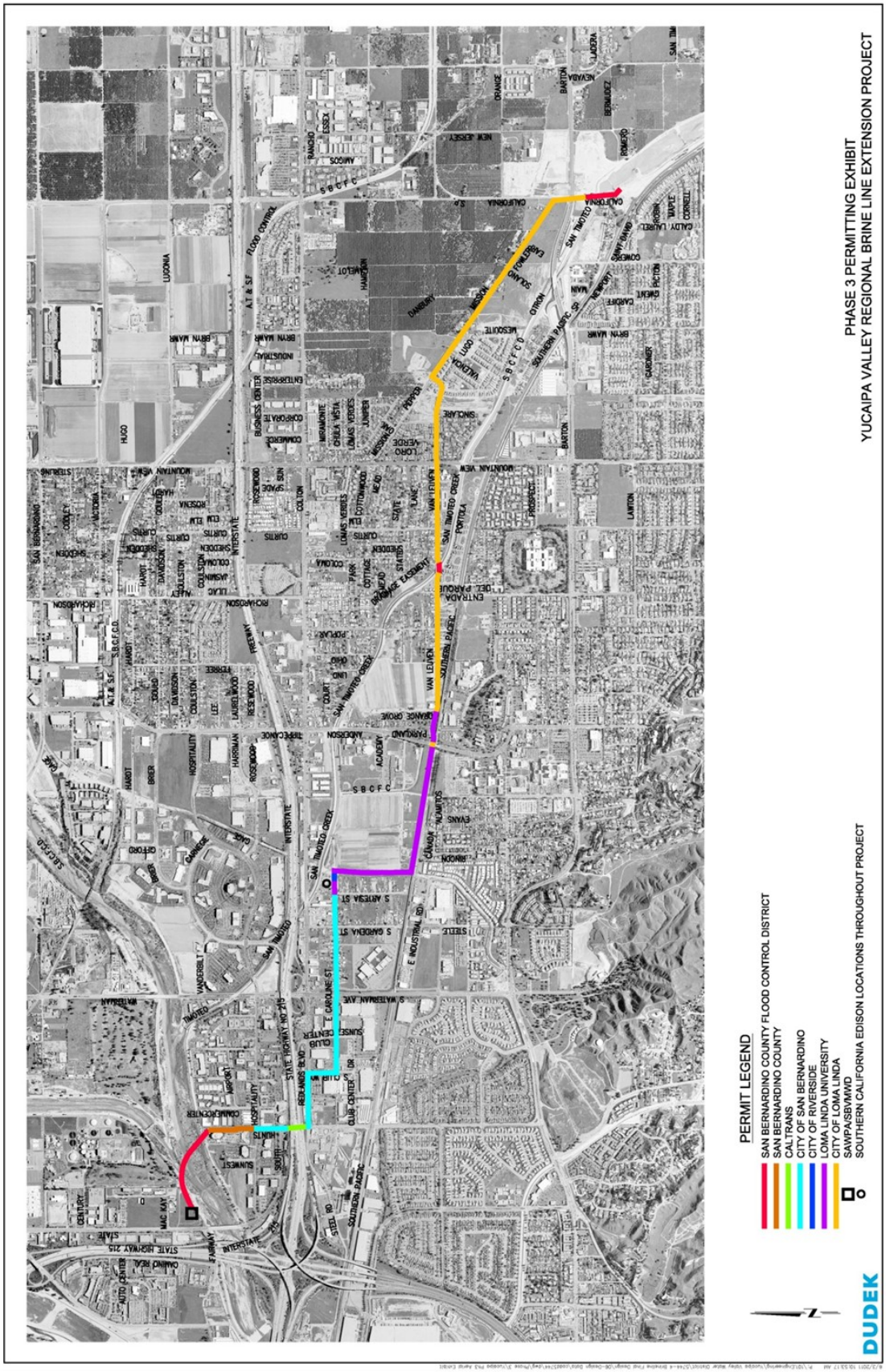
Yucaipa Valley Water District is in the process of constructing the Yucaipa Valley Regional Brineline in order to produce recycled water that complies with groundwater basin objectives as established by the Regional Water Quality Control Board. In order to comply with these limits, the District is required to add a reverse osmosis process to the wastewater treatment plant. This will enable the District to remove salts and minerals from depositing in to the groundwater basin. The proposed reverse osmosis system will produce salt water, referred to as "brine", that must be sent to the Pacific Ocean so it does not impact any fresh water supplies downstream of the Yucaipa Valley.

The Yucaipa Valley Regional Brineline Project consists of a 15-mile pipeline through which the District can safely and effectively dispose of the salt water produced. This pipeline will commence at the Wochholz Regional Water Recycling Facility and terminate at an existing brine disposal pipeline near the I-215 and I-10 Interchange. At this point the existing brineline extends another 73 miles traversing San Bernardino, Riverside and Orange counties to Orange County Sanitation District Wastewater Treatment Plant No. 2 in Huntington Beach, where the salt water is treated with domestic sewage and then sent to the ocean or reclaimed by Orange County Water District.

During this agenda item, the District staff will be providing an update of the construction status of the Yucaipa Valley Regional Brineline Project.




Watershed Salt Accumulation
SAWPA
37,000 dump trucks lined up end-to-end from Los Angeles to Las Vegas (every year)
1.2 Million Tons/Yr
Bunker Hill
Chino
0.6 Million Tons/Yr
Riverside/Corona
Orange County
Perris/Hemet
Elsinore
0.6 Million Tons/Yr
Ocean
Santa Ana River Watershed and Groundwater Basins
Yucaipa Valley Regional Brineline Project
Santa Ana Regional Interceptor
Yucaipa Valley Regional Water Supply Renewal Project


PHASE 3 PERMITTING EXHIBIT
YUCAIPA VALLEY REGIONAL BRINE LINE EXTENSION PROJECT
PERMIT LEGEND
SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
SAN BERNARDINO COUNTY
CALTRANS
CITY OF SAN BERNARDINO
CITY OF RIVERSIDE
LOMA LINDA UNIVERSITY
CITY OF LOMA LINDA
SAWPA/SBVMWD
SOUTHERN CALIFORNIA EDISON LOCATIONS THROUGHOUT PROJECT
DUDEK

Yucaipa Valley Water District

Workshop Memorandum 11-153

Date: **October 11, 2011**

Subject: **Retrofit of the Variable Frequency Drive Control Panel at Sewer Lift Station No. 1**

The Yucaipa Valley Water District operates and maintains Sewer Lift Station No. 1 which is located west of the wastewater treatment plant on Live Oak Canyon Road. During a recent evaluation of Lift Station No. 1, the Public Works Department staff observed and performed the following:

- District Staff reported the temperature within the station had increased.
- The source of the excessive heat was identified as coming from the variable frequency drive control panels.
- Each variable frequency drive control panel was tested for internal temperature.
    - variable frequency drive control panel for pump one was found to be running at the highest temperature
- Consulted with Center Electric to identify the source of the heat in the panel.
    - Center Electric swapped the transformer between variable frequency drive 1 and variable frequency drive 2
    - Temperatures did not decrease within the panel
- Center Electric felt that it may be a harmonics issue.
    - Center Electric recommended that each variable frequency drive panel be shut down individually for a 24 hour period, to see if only one panel causes the issue. The alternative would be to perform a harmonics study.
    - We chose to shut each panel down individually.
- Variable frequency drive 1 was shut down first and found there was a significant temperature decrease during normal operation.
    - Each panel was shut down individually, but variable frequency drive 1 was the only one that when shut down the temperature would decrease.
- Reviewed the results with Center Electric.
    - It was determined that variable frequency drive 1 is generating harmonics which is causing this heat issue. It was highly recommended that variable frequency drive 1 be shut down until a retrofit or replacement could be done.
- Center Electric consulted with Toshiba.
    - Engineers at Toshiba explained that the drive unit is an 18 pulse drive which is not commonly used and is also discontinued. They recommend the panel be retrofitted with a 6 pulse drive which is commonly used and parts are readily available, whereas an 18 pulse drive has been discontinued and parts are hard to find

After thorough research and investigation, the Public Works Department staff recommends Center Electric retrofit the 18 pulse drive in panel one with a 6 pulse drive 100 Hp variable frequency drive not to exceed $15,900.00 parts and labor.

Yucaipa Valley Water District

Workshop Memorandum 11-154

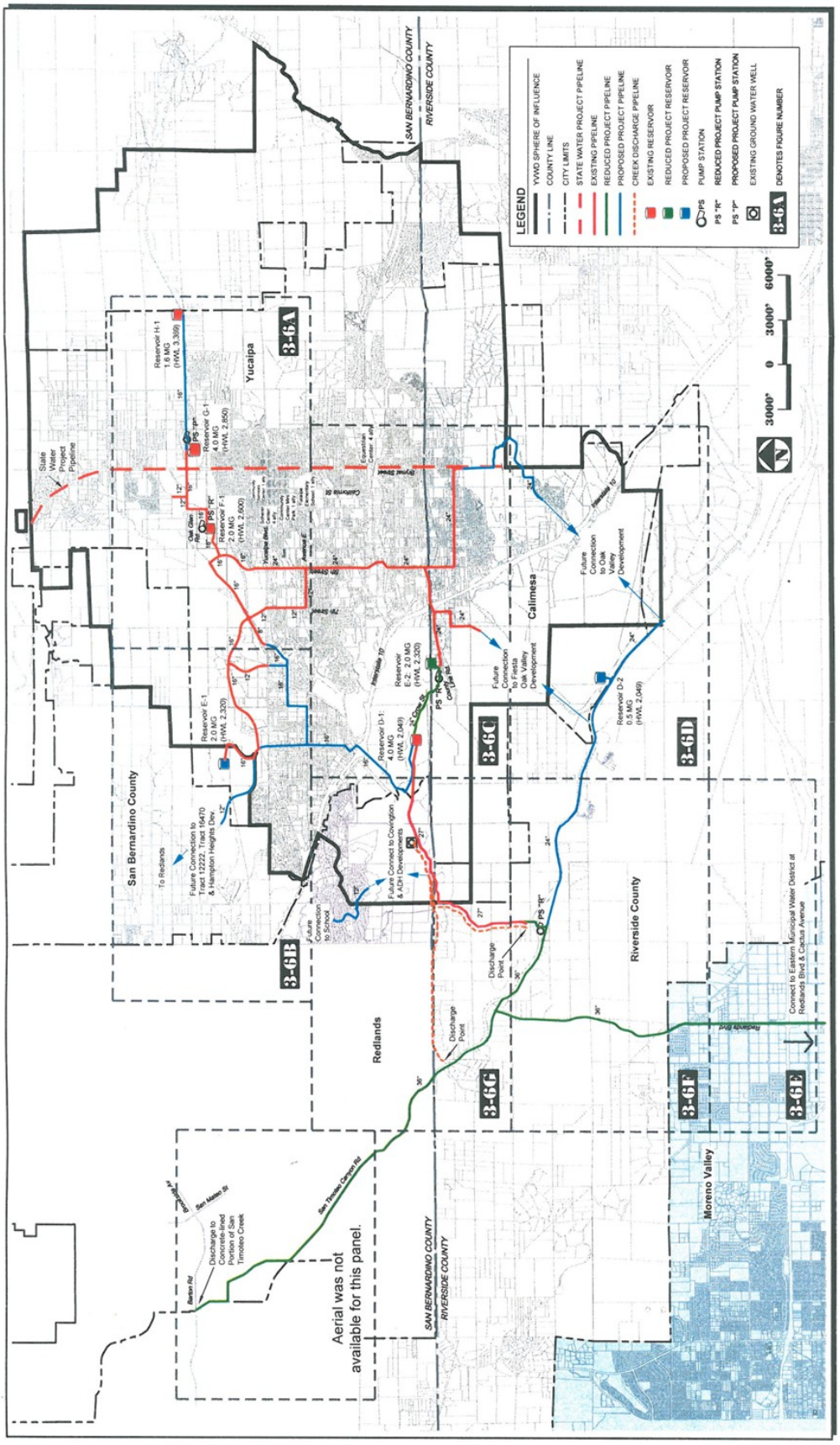
Date: **October 11, 2011**

Subject: **Status Report on the Construction of Recycled Water Projects**

Yucaipa Valley Water District is in the process of constructing several recycled water improvements within our community. The District's aggressive water enhancement schedule will require the projects to be under construction next year. As construction begins, the District staff will present future workshop items for each individual project.

The purpose of this agenda item is to discuss and update the members of the board on the status of the following recycled water projects:

- Crow Street Recycled Water Pipeline Project (8,600 linear feet);
- Recycled Reservoir R-10.3 (2-1 million gallon reservoirs);
- Recycled Water Booster Station B-10.3 for Pressure Zones 11 and 12; and
- Recycled Water Booster Station B-12.1 for Pressure Zone 14


LEGEND
YVWD SPHERE OF INFLUENCE
COUNTY LINE
CITY LIMITS
STATE WATER PROJECT PIPELINE
EXISTING PIPELINE
REDUCED PROJECT PIPELINE
PROPOSED PROJECT PIPELINE
CREEK DISCHARGE PIPELINE
EXISTING RESERVOIR
REDUCED PROJECT RESERVOIR
PROPOSED PROJECT RESERVOIR
PUMP STATION
REDUCED PROJECT PUMP STATION
PROPOSED PROJECT PUMP STATION
EXISTING GROUND WATER WELL
DENOTES FIGURE NUMBER
3000' 0 3000' 6000'
SAN BERNARDINO COUNTY
RIVERSIDE COUNTY
Yucaipa
Calimesa
San Bernardino County
Redlands
Riverside County
Moreno Valley
State Water Project Pipeline
Reservoir H-1 1.6 MG (HWL 3,359)
Reservoir G-1 4.0 MG (HWL 2,850)
Reservoir F-1 2.0 MG (HWL 2,500)
Reservoir E-1 2.0 MG (HWL 2,320)
Reservoir E-2 2.0 MG (HWL 2,320)
Reservoir D-1 4.0 MG (HWL 2,049)
Reservoir D-2 0.5 MG (HWL 2,049)
Future Connection to Tract 12222, Tract 15470 & Hampton Heights Dev.
To Redlands
Future Connection to School
Future Connect to Covington & ADH Developments
Future Connection to Fiesta Oak Valley Development
Future Connection to Oak Valley Development
Discharge Point
Discharge Point
Connect to Eastern Municipal Water District at Redlands Blvd & Cactus Avenue
Discharge to Concrete-lined Portion of San Timoteo Creek
Aerial was not available for this panel.
8-6A
8-6B
8-6C
8-6D
8-6E
8-6F
8-6G

Yucaipa Valley Water District

Workshop Memorandum 11-155

Date: **October 11, 2011**

Subject: **Status Report on the Removal of Existing Reservoir R-12.3**

Yucaipa Valley Water District is in the process of removing Reservoir R-12.3 from service. As shown in the illustration below, the existing reservoir will be ultimately relocated to the new Reservoir R-12.4 site along Singleton Road.

The purpose of this agenda item is to provide an update on the status of the removal of the existing Reservoir R-12.3.



Yucaipa Valley Water District

Workshop Memorandum 11-156

Date: **October 11, 2011**

Subject: **Discussion Regarding the Unaudited Financial Report for September 2011**

The District staff has prepared the attached Unaudited Financial Report for September 2011. This information will be provided again at the next board meeting with a staff recommendation to receive and file the monthly financial report.

Yucaipa Valley Water District

Director Memorandum 11-0xx

Date: October 19, 2011 **Job:** Not Applicable

Prepared By: Vicky Elisalda, Controller
Peggy Little, Administrative Supervisor **G/L:** Not Applicable

Subject: Unaudited Financial Report for September 2011

Recommendation: That the Board receives and files the unaudited financial report as presented.

The following unaudited financial report has been prepared by the Administrative Department for your review. The report has been divided into six sections to clearly disseminate information pertaining to the financial status of the District. Please remember that the following financial information has not been audited.

Cash Fund Balance Report

The Cash Fund Balance Report provides a summary of how the total amount of funds maintained by financial institutions is distributed throughout the enterprise and non-enterprise funds of the District. A summary of the report is as follows:

Fund Source	Operating Funds	Restricted Funds	Total Funds
Water Division	($616,949.65)	$5,841,332.45	$5,224,382.80
Sewer Division	($2,436,274.36)	$6,064,990.32	$3,628,715.96
Recycled Division	($2,066,412.21)	$647,222.80	($1,419,189.41)
Total	**($5,119,636.22)**	**$12,553,545.57**	**$7,433,909.35**

Most of the funds reflected in the Cash Fund Balance Report are designated for specific purposes and are therefore restricted, either by law or by District policy.

Check Register

The check register lists each check processed during the month of September 2011. The District processed 213 checks during the month of September for a total sum of $4,565,411.26. All checks are reviewed by District staff for accuracy and completeness, and usually signed by the General Manager and one Director, but may be signed by two Directors.

The Controller will make any check, invoice or supporting documentation available for review to any board member upon request.

Financial Account Information

The District currently deposits all revenue received into the Deposit Checking account. The General Checking account is used as a sole processing account for all District checks and electronic payroll. The Investment Checking account is used for the purchase and redemption of US treasury notes and bills. The US treasury notes and bills are booked at cost.

The LAIF investment account is a pooled money account administered by the State of California. Additional information on the LAIF account is provided below in the investment summary report.

Investment Summary

The investment summary report illustrates the District's investments in US treasury notes and bills in addition to the investments held by the Local Agency Investment Fund or LAIF. The yields for the treasury notes and bills are provided for each individual transaction. The historical annual yield for funds invested with LAIF is also provided.

Separate pooled money investment reports prepared by the State of California are maintained by the District and available for review.

Monthly Revenue Allocation

During the month of September 2011 the District received a sum total of $1,986,371.47 in revenues from the following categories:

- A total of $1,880,019.81 was received from 13,995 customers for utility bill payments. This is the total amount of utility bill payments received from water, sewer and recycled services.
- A total of $2,569.25 was received for construction meter deposits, customer deposits and internet fee payments.
- A total of $96,545.72 was received from miscellaneous water related activities (other than utility bill charges).
- A total of $7,159.63 was received from miscellaneous sewer related activities (other than utility bill charges).
- A total of $77.06 was received from miscellaneous recycled related activities (other than utility bill charges).
- The District received Prop. 50, invoice #8 in the amount of $220,277.16 on September 15th, ARRA draw #15 in the amount of $55,243.00 on September 22nd and FEMA funds in the amount of $65,477.00.

Fiscal Year 2012 Budget Status

The revenue and expense budget status for the 2012 Fiscal Year is provided for your review.

Summary of Revenue Budget
As of September 30, 2011 (21% of Budget Cycle)

Division	Budget Amount	Current Month	Year-To-Date	Percentage
Water	12,503,170	1,346,726	2,737,504	21.9
Sewer	10,908,600	885,813	2,016,468	18.5
Recycled Water	265,250	63,444	123,238	46.5
District Revenue	**23,677,020**	**2,295,983**	**4,877,210**	**20.6**

Summary of Water Budget
As of September 30, 2011 (21% of Budget Cycle)

Department	Budget Amount	Current Month	Year-To-Date	Percentage
Water Resources	4,359,935	355,958	1,052,426	24.1
Public works	2,147,165	118,284	384,003	17.9
Administration	3,028,695	184,407	618,115	20.4
Long Term Debt	2,932,375	0	1,934,813	66.0
Asset Acquisition	35,000	0	0	0.0
TOTAL	**12,503,170**	**658,649**	**3,989,357**	**31.9**

Summary of Sewer Budget
As of September 30, 2011 (21% of Budget Cycle)

Department	Budget Amount	Current Month	Year-To-Date	Percentage
Treatment	3,413,225	186,570	659,568	19.3
Administration	3,724,350	243,773	828,874	22.3
Environmental Control	824,775	36,135	156,419	19.0
Long Term Debt	2,946,250	2,923,669	2,923,669	99.2
Asset Acquisition	0	0	0	0.0
TOTAL	**10,908,600**	**3,390,147**	**4,568,530**	**41.9**

Summary of Recycled Water Budget
As of September 30, 2011 (21% of Budget Cycle)

Department	Budget Amount	Current Month	Year-To-Date	Percentage
Administration	265,250	6,921	20,000	7.5
TOTAL	**265,250**	**6,921**	**20,000**	**7.5**
District Expenses	**23,677,020**	**4,055,717**	**8,577,887**	**36.2**

Investment Policy Disclosure

The District is currently compliant with the portfolio of its Investment Policy and State Law.

The District is using Sandy Gage with Merrill Lynch Wealth Management (Bank of America Corporation) for Treasury investments. The District expects to meet its expenditure requirements for the next six months.

Questions or Comments

If you have any questions about a particular budget account, please do not hesitate to contact the Controller directly. If you need additional information, the members of the Administrative Department would be happy to provide you with any detailed information you may desire.

Cash Fund Balance Report - September 2011

Water Division	GL#		Balance
Project Fund - Encumbered	02-10215	$	720,951.22
ID 1 Construction Funds	02-10216	$	293,145.85
ID 2 Construction Funds	02-10217	$	80,409.31
Depreciation Reserves	02-10310	$	2,345,332.52
Infrastructure Reserves	02-10311	$	99,486.00
Sustainability Fund	02-10313	$	115,645.20
Rate Stabilization Fund	02-10314	$	493,168.34
Imported Water Fund - MUNI	02-10315	$	(204,760.88)
Imported Water Fund - SGPWA	02-10316	$	250,112.37
FCC - Debt Service YVRWFF Phase I	02-10401	$	-
FCC - Future YVRWFF Phase II & III	02-10403	$	115,398.87
FCC - Recycled System	02-10410	$	178,514.70
FCC - Booster Pumping Plants	02-10411	$	194,855.86
FCC - Pipeline Facilities	02-10412	$	411,188.22
FCC - Water Storage Reservoirs	02-10413	$	747,884.87
Operating Funds:	- -		- -
Checking Account	02-11001	$	30,000.00
LAIF	02-11019	$	1,332,944.00
Savings	02-11020	$	(1,979,893.65)
	Total Water Division	**$**	**5,224,382.80**

Sewer Division	GL#		Balance
Project Fund - Encumbered	03-10215	$	751,319.63
Depreciation Reserves	03-10310	$	2,857,723.86
Infrastructure Reserves	03-10311	$	196,575.00
Rate Stabilization Fund	03-10314	$	1,464,313.38
FCC - Debt Service WWTP Expansion & Upgrade	03-10405	$	-
FCC - Future WWTP Expansion	03-10407	$	241,925.48
FCC - Sewer Interceptors	03-10415	$	120,548.59
FCC - Lift Stations	03-10416	$	59,486.83
FCC - Effluent Disposal Facilities	03-10417	$	78,702.75
FCC - Salt Mitigation Facilities	03-10418	$	294,394.80
Operating Funds:	- -		- -
Savings	03-11020	$	(2,436,274.36)
	Total Wastewater Division	**$**	**3,628,715.96**

Recycled Water Division	GL#		Balance
Depreciation Reserves	04-10310	$	477,914.80
Infrastructure Reserves	04-10311	$	13,230.00
FCC - Recycled System	04-10410	$	13,286.93
FCC - Booster Pumping Plants	04-10411	$	14,297.75
FCC - Pipeline Facilities	04-10412	$	71,152.50
FCC - Water Storage Reservoirs	04-10413	$	57,340.82
Operating Funds:	- -		
Savings	04-11020	$	(2,066,412.21)
	Total Recycled Water Division	**$**	**(1,419,189.41)**

DISTRICT TOTAL	**$**	**7,433,909.35**

Future Obligations	Due Date		Amount
2004A Bond Payment - Water Division	02/23/2012	$	997,562.50
SBVMWD - SARI Pipeline Capacity (FINAL Payment)	06/01/2012	$	19,710.00
2004A Bond Payment - Water Division	08/27/2012	$	1,952,562.50
SRF Payment - Sewer Division	09/10/2012	$	2,923,688.75

Check Register - September 2011

Check Date	Check Number	Name	Check Amount
09/01/2011	13185	CA-Franchise Tax Board	50.00
09/01/2011	13186	VOID CHECK	0.00
09/01/2011	13187	State Water Resources Control	2,923,668.75
09/01/2011	13188	Inland Empire Resource Conserv	301.20
09/06/2011	13189	Abate Technologies Intl, Inc.	212.50
09/06/2011	13190	Ralph C. Casas	63.00
09/06/2011	13191	Ameripride Uniform Services	442.19
09/06/2011	13192	Crown Ace Hardware - Yucaipa	904.11
09/06/2011	13193	Kelly Services, Inc.	469.60
09/06/2011	13194	Leroy's Landscape Services	5,700.00
09/06/2011	13195	Separation Processes, Inc.	1,330.00
09/06/2011	13196	The Gas Company	78.13
09/06/2011	13197	Underground Service Alert Of S	204.00
09/06/2011	13198	George F. Siddle	121.00
09/06/2011	13199	Verizon	2,079.27
09/06/2011	13200	Frances Webster	196.63
09/06/2011	13201	Walter L. Ferar	247.99
09/06/2011	13202	Air & Hose Source, Inc.	94.82
09/06/2011	13203	Burgeson's Heating & Air Cond.	96.00
09/06/2011	13204	Case Dealer Holding Co., LLC	1,029.31
09/06/2011	13205	Innerline Engineering	625.00
09/06/2011	13206	Merit Oil Company	2,616.54
09/06/2011	13207	Nagem, Inc.	2,981.42
09/06/2011	13208	Polydyne Inc.	2,602.16
09/06/2011	13209	Redlands Ford	5.88
09/06/2011	13210	Separation Processes, Inc.	350.00
09/06/2011	13211	Siemens Industry, Inc.	848.97
09/06/2011	13212	Star Fleet Filtration, Inc.	480.00
09/09/2011	13213	PAYROLL CHECK	1,968.31
09/09/2011	13214	PAYROLL CHECK	412.23
09/09/2011	13215	CA-PERS 457 Deferred Comp	13,274.58
09/09/2011	13216	Public Employees' Retirement S	26,280.89
09/09/2011	13217	Hong Nelson	125.00
09/09/2011	13218	Katherine Kostelecky	500.00
09/09/2011	13219	United Student Aid Funds, Inc.	168.43
09/09/2011	13220	IBEW Local 1436	322.00
09/09/2011	13221	Franchise Tax Board	236.38
09/09/2011	13222	Rodd Greene	370.21
09/09/2011	13223	UnitedHealthcare of California	38,860.16
09/09/2011	13224	Standard Insurance Company	2,221.36
09/09/2011	13225	US Healthworks Medical Group,	153.44
09/09/2011	13226	Western Dental Services, Inc.	340.66
09/09/2011	13227	Joseph Zoba	64.99
09/09/2011	13228	Anthem Blue Cross L and H	350.60
09/09/2011	13229	Standard Insurance Company	2,840.72
09/09/2011	13230	Standard Insurance Vision Plan	449.36
09/09/2011	13231	MetLife Small Business Center	122.58
09/12/2011	13232	Water Environment Federation	179.00
09/12/2011	13233	Ameripride Uniform Services	349.31
09/12/2011	13234	Coverall North America, Inc.	1,021.00
09/12/2011	13235	First American Data Tree, LLC	76.51
09/12/2011	13236	Fedex	21.53
09/12/2011	13237	Fox Occupational Medical Cente	50.00
09/12/2011	13238	House Of Quality, Parts Plus	1,759.68
09/12/2011	13239	VOID CHECK	0.00

Check Register - September 2011

Check Date	Check Number	Name	Check Amount
09/12/2011	13240	InfoSend, Inc.	5,080.07
09/12/2011	13241	Kelly Services, Inc.	469.60
09/12/2011	13242	Konica Minolta Business Soluti	360.82
09/12/2011	13243	VOID CHECK	0.00
09/12/2011	13244	NetComp Technologies,Inc.	4,485.66
09/12/2011	13245	Sims Welding & Supply Co., Inc	158.45
09/12/2011	13246	The Counseling Team Internatio	300.00
09/12/2011	13247	The Gas Company	30.57
09/12/2011	13248	Verizon	1,271.27
09/12/2011	13249	All American Sewer Tools	974.41
09/12/2011	13250	Applied Membranes, Inc.	84.02
09/12/2011	13251	Bioscience Inc.	13,585.89
09/12/2011	13252	Brenntag Pacific, Inc	28,156.80
09/12/2011	13253	Sufian Munir, Inc.	1,985.83
09/12/2011	13254	Grainger	245.19
09/12/2011	13255	Hach Company	1,135.64
09/12/2011	13256	Harbor Freight Tools	59.23
09/12/2011	13257	Hub Construction Specialties I	640.29
09/12/2011	13258	Inland Water Works Supply Co.	2,803.67
09/12/2011	13259	Innerline Engineering	3,750.00
09/12/2011	13260	Larry Jacinto Farming, Inc.	200.00
09/12/2011	13261	James John Brothers	25,492.45
09/12/2011	13262	JR Freeman Co. Inc.	1,830.41
09/12/2011	13263	King Lee Chemical, Co.	15,781.24
09/12/2011	13264	L.Y. Environmental, Inc.	250.00
09/12/2011	13265	Mark C. Etheredge	363.00
09/12/2011	13266	Merit Oil Company	5,357.08
09/12/2011	13267	Nagem, Inc.	370.00
09/12/2011	13268	NAPA Genuine Parts Company	256.87
09/12/2011	13269	NetVersant	1,148.77
09/12/2011	13270	Oily's Automotive Service & Re	143.00
09/12/2011	13271	P & R Paper Supply Co., Inc.	466.04
09/12/2011	13272	Pro-Pipe & Supply, Inc.	201.77
09/12/2011	13273	Q Versa, LLC	8,746.03
09/12/2011	13274	Red Alert Special Couriers	1,075.21
09/12/2011	13275	Roquet Paving Inc	9,091.04
09/12/2011	13276	Rosemount Analytical, Inc.	726.08
09/12/2011	13277	Schaner's WasteWater Prod., In	2,414.42
09/12/2011	13278	Donald Kent Stone	840.00
09/12/2011	13279	Test America Laboratories, Inc	240.00
09/12/2011	13280	Tom Malloy Corp.	692.75
09/12/2011	13281	ZEP Manufacturing Company	377.58
09/19/2011	13282	Aklufi & Wysocki	7,150.00
09/19/2011	13283	Citizens Business Bank	17,729.00
09/19/2011	13284	DDB Engineering Inc.	713.00
09/19/2011	13285	Delta Partners, LLC	7,500.00
09/19/2011	13286	Ham Radio Outlet, Inc.	9,321.52
09/19/2011	13287	Konica Minolta Business Soluti	23,450.76
09/19/2011	13288	Krieger & Stewart	85,035.72
09/19/2011	13289	One Stop Landscape Supply Inc	24,416.00
09/19/2011	13290	Platinum Advisors, LLC	5,000.00
09/19/2011	13291	Pro-Craft Construction., Inc.	159,564.00
09/19/2011	13292	Separation Processes, Inc.	13,855.00
09/19/2011	13293	Sukut Construction, Inc.	430,605.23
09/19/2011	13294	Union Bank Of California	47,845.03

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Check Date	Check Number	Name	Check Amount
09/19/2011	13295	VTD, Vavrinek, Trine, Day & CO	10,000.00
09/19/2011	13296	Sukut Construction, Inc.	137,272.65
09/19/2011	13297	Union Bank Of California	15,252.52
09/19/2011	13298	ADS, LLC	2,634.00
09/19/2011	13299	Ameripride Uniform Services	650.52
09/19/2011	13300	AT&T Mobility	1,824.54
09/19/2011	13301	California Laboratories & Deve	415.00
09/19/2011	13302	Calimesa Street Faire Cmte	35.00
09/19/2011	13303	Corelogic Information Solution	300.00
09/19/2011	13304	Crider Public Relations, Inc.	935.00
09/19/2011	13305	Neopost USA Inc.	203.65
09/19/2011	13306	Kelly Services, Inc.	469.60
09/19/2011	13307	NetComp Technologies,Inc.	3,504.33
09/19/2011	13308	RFI	525.00
09/19/2011	13309	Verizon	158.24
09/19/2011	13310	Yucaipa Disposal, Inc.	1,262.31
09/19/2011	13311	BofA Credit Card	476.25
09/19/2011	13312	Brenntag Pacific, Inc	9,027.06
09/19/2011	13313	Edward S Babcock & Sons, Inc.	3,535.00
09/19/2011	13314	Fastenal Company	59.51
09/19/2011	13315	Alan L. Grubel Automotive Inc.	785.57
09/19/2011	13316	Inland Water Works Supply Co.	9,376.53
09/19/2011	13317	Johnson Power Systems	63.59
09/19/2011	13318	Leja Surveying Corp.	6,145.00
09/19/2011	13319	Maintenance Connection Inc	2,999.00
09/19/2011	13320	Nagem, Inc.	187.50
09/19/2011	13321	Nalco Company	5,164.50
09/19/2011	13322	R & R Anderson Trucking	669.56
09/19/2011	13323	Red Alert Special Couriers	42.93
09/19/2011	13324	Redlands-Yucaipa Rentals Inc.	68.20
09/19/2011	13325	Laura Valdivieso	550.20
09/19/2011	13326	Siemens Industry, Inc.	1,731.89
09/19/2011	13327	Test America Laboratories, Inc	505.00
09/19/2011	13328	HD Supply Facilities Maintenan	1,916.25
09/19/2011	13329	BofA Credit Card	261.30
09/19/2011	13330	Addiction Medicine Consultants	65.00
09/19/2011	13331	Atkinson, Andelson, Loya, Ruud	2,716.60
09/23/2011	13332	PAYROLL CHECK	302.84
09/23/2011	13333	PAYROLL CHECK	1,961.60
09/23/2011	13334	STANLEY, DEBORAH	100.12
09/23/2011	13335	GRIFFITHS, PATRICK-D	79.74
09/23/2011	13336	ACTION RENTALS	28.92
09/23/2011	13337	ANDERSON, PAMELA	71.05
09/23/2011	13338	SEMA CONSTRUCTION IN	1,327.82
09/23/2011	13339	DIDION, JAMES	70.72
09/23/2011	13340	HAMPTON, WILLIE B.	103.76
09/23/2011	13341	REES, LAURIE	89.33
09/23/2011	13342	SAKIMA INVESTMENT AS	59.53
09/23/2011	13343	SCHABEL, JERRY	96.06
09/23/2011	13344	CRUZ, KYLIE	25.32
09/23/2011	13345	AVRAM, TAMARA	51.06
09/23/2011	13346	SCHOLZ, WILLIAM	38.43
09/23/2011	13347	CA-PERS 457 Deferred Comp	10,771.67
09/23/2011	13348	Public Employees' Retirement S	26,754.40
09/23/2011	13349	Hong Nelson	125.00

Check Register - September 2011

Check Date	Check Number	Name	Check Amount
09/23/2011	13350	Katherine Kostelecky	500.00
09/23/2011	13351	United Student Aid Funds, Inc.	168.43
09/23/2011	13352	Franchise Tax Board	150.00
09/23/2011	13353	American Family Life Assurance	2,891.21
09/23/2011	13354	Boot Barn #4	150.00
09/23/2011	13355	CA-EDD	586.00
09/23/2011	13356	Workboot Warehouse	150.00
09/26/2011	13357	Ralph C. Casas	49.00
09/26/2011	13358	Ameripride Uniform Services	557.74
09/26/2011	13359	Central Communications	261.27
09/26/2011	13360	Fedex	53.26
09/26/2011	13361	Incode Division-Tyler Technolo	1,597.40
09/26/2011	13362	InfoSend, Inc.	3,406.41
09/26/2011	13363	Kelly Services, Inc.	422.64
09/26/2011	13364	NetComp Technologies,Inc.	675.00
09/26/2011	13365	SCCI, Inc.	350.00
09/26/2011	13366	Separation Processes, Inc.	2,599.71
09/26/2011	13367	SCE Rosemead	216,135.14
09/26/2011	13368	Tattletale Portable Alarm Syst	1,974.00
09/26/2011	13369	Auto Care Clinic	1,141.34
09/26/2011	13370	Cemex Inc. USA	852.45
09/26/2011	13371	Center Electric	11,827.07
09/26/2011	13372	Clinical Laboratory of San Ber	1,978.00
09/26/2011	13373	Cobb's Printing, LLC	186.41
09/26/2011	13374	Cortech Engineering	1,570.56
09/26/2011	13375	Environmental Systems Research	3,635.63
09/26/2011	13376	Fisher Scientific Co.	294.16
09/26/2011	13377	Gallade Chemical	798.43
09/26/2011	13378	Inland Water Works Supply Co.	4,951.13
09/26/2011	13379	Innerline Engineering	4,350.00
09/26/2011	13380	JR Freeman Co. Inc.	1,827.37
09/26/2011	13381	Matich Corp	2,020.20
09/26/2011	13382	Merit Oil Company	3,971.54
09/26/2011	13383	Nagem, Inc.	305.39
09/26/2011	13384	Nalco Company	5,164.50
09/26/2011	13385	NCL Of Wisconsin Inc	62.37
09/26/2011	13386	Odyssey Power Corporation	2,250.00
09/26/2011	13387	Joseph G. Pollard Co., Inc.	354.04
09/26/2011	13388	Pro-Pipe & Supply, Inc.	67.42
09/26/2011	13389	Red Alert Special Couriers	1,415.50
09/26/2011	13390	Siemens Industry, Inc.	324.40
09/26/2011	13391	Robert Austin	3,441.12
09/28/2011	13392	ACOSTA, GEORGE	137.60
09/28/2011	13393	SIMPSON, ERNIE	146.92
09/28/2011	13394	NEICE, ROBIN	70.72
09/28/2011	13395	ZOLKIEWICZ, SHERI	82.33
09/28/2011	13396	LARGE, VERN	1,421.26
09/28/2011	13397	COSTA REAL ESTATE IN	96.21
		September 2011 Check Register Total	**4,565,411.26**

Financial Account Information - September 2011

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
08/31/2011	bal forward	586,978.09	30,000.00	7,105.34	7,375,683.67	2,032,944.00	10,032,711.10
8/31	*rev retained in MM*				*(1,890.38)*		(1,890.38)
09/01/2011	Deposit	53,246.05					53,246.05
	Dep-M/C	1,000.00					1,000.00
	Credit Card-8/31	849.10					849.10
	Credit Card-9/1	1,497.64					1,497.64
	Electronic	13,547.34					13,547.34
	Website-9/1	1,027.86					1,027.86
	Website-9/2	553.12					553.12
09/02/2011	Deposit	46,347.76					46,347.76
	Credit Card-9/1	119.99					119.99
	Credit Card-9/2	3,247.26					3,247.26
	Electronic	23,190.13					23,190.13
	Website-9/2	1,539.28					1,539.28
	Website-9/3	988.70					988.70
	Website-9/4	940.91					940.91
	Website-9/5	1,596.06					1,596.06
	Website-9/6	1,194.99					1,194.99
	ETS Fees	(1,197.91)					(1,197.91)
	ETS Fees	(1,134.64)					(1,134.64)
09/06/2011	Deposit	121,283.17					121,283.17
	Credit Card-9/6	4,350.36					4,350.36
	Electronic	26,878.77					26,878.77
	Website-9/6	1,678.44					1,678.44
	Website-9/7	217.16					217.16
	ACH pymts	33,871.78					33,871.78
09/07/2011	Deposit	55,941.11					55,941.11
	Credit Card-9/6	752.79					752.79
	Credit Card-9/7	5,034.05					5,034.05
	Electronic	27,651.05					27,651.05
	Website-9/7	2,193.06					2,193.06
	Website-9/8	516.79					516.79
9/9/11-PR	Federal Taxes		(34,983.53)				(34,983.53)
9/9/11-PR	State Taxes		(6,449.17)				(6,449.17)
9/9/11-PR	PR Direct Deposit		(96,960.51)				(96,960.51)
9/9/11-PR	ING 457		(6,915.92)				(6,915.92)
	Ck# 13185-13231		(3,037,161.57)				(3,037,161.57)
9/9	**TRF#1022 frm treasuries**			300,000.00			300,000.00
9/8	**TRF#1023**			2,000,000.00		(2,000,000.00)	0.00
9/8	**TRF#1024**	**2,300,000.00**		(2,300,000.00)			0.00
9/8	**TRF#1025 -AP & PR**	**(3,182,470.70)**	**3,182,470.70**				0.00
09/08/2011	Deposit	32,377.27					32,377.27
	Deposit-M/C	645.35					645.35
	Credit Card-9/7	510.15					510.15
	Credit Card-9/8	1,317.68					1,317.68
	Electronic	13,969.32					13,969.32
	Website-9/8	2,012.59					2,012.59
	Website-9/9	656.80					656.80
09/09/2011	Deposit	29,531.38					29,531.38
	Credit Card-9/8	525.12					525.12
	Credit Card-9/9	1,406.43					1,406.43
	Electronic	13,315.50					13,315.50
	Website-9/9	1,061.28					1,061.28
	Website-9/10	919.04					919.04
	Website-9/11	729.12					729.12
	Website-9/12	131.75					131.75

Financial Account Information - September 2011

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
08/31/2011	bal forward	586,978.09	30,000.00	7,105.34	7,375,683.67	2,032,944.00	10,032,711.10
09/12/2011	Deposit	107,374.71					107,374.71
	Credit Card-9/9	385.43					385.43
	Credit Card-9/12	2,025.49					2,025.49
	Electronic	14,417.31					14,417.31
	Website-9/12	1,191.54					1,191.54
	Website-9/13	571.55					571.55
	ACH pymts	59,766.24					59,766.24
09/13/2011	Deposit	28,727.76					28,727.76
	Deposit-M/C	4,688.49					4,688.49
	Credit Card-9/12	159.29					159.29
	Credit Card-9/13	2,104.21					2,104.21
	Electronic	14,762.73					14,762.73
	Website-9/13	1,771.03					1,771.03
	Website-9/14	92.92					92.92
09/14/2011	Deposit	42,521.92					42,521.92
	Deposit-M/C	6,744.63					6,744.63
	Credit Card-9/13	94.82					94.82
	Credit Card-9/14	4,787.82					4,787.82
	Electronic	7,940.67					7,940.67
	Website-9/14	1,135.13					1,135.13
	Website-9/15	566.82					566.82
	Ck# 13232-13281		(145,098.18)				(145,098.18)
	TRF#1026-AP	**(145,098.18)**	**145,098.18**				0.00
09/15/2011	Deposit	24,945.91					24,945.91
	Credit Card-9/14	464.11					464.11
	Credit Card-9/15	2,836.75					2,836.75
	Electronic	13,075.89					13,075.89
	Website-9/15	1,252.75					1,252.75
	Website-9/16	648.53					648.53
	ACH pmts	48,886.61					48,886.61
	Prop 50, Inv#8		220,277.16				220,277.16
	TRF#1027-Prop 50, Inv #8	**220,277.16**	**(220,277.16)**				0.00
09/16/2011	Deposit	49,304.60					49,304.60
	Credit Card-9/15	605.29					605.29
	Credit Card-9/16	1,804.81					1,804.81
	Electronic	21,372.24					21,372.24
	Website-9/16	1,577.12					1,577.12
	Website-9/17	1,108.74					1,108.74
	Website-9/18	399.26					399.26
	Website-9/19	599.44					599.44
09/19/2011	Deposit	53,065.34					53,065.34
	Credit Card-9/16	533.61					533.61
	Credit Card-9/19	2,731.39					2,731.39
	Electronic	28,568.22					28,568.22
	Website-9/19	1,842.74					1,842.74
	Website-9/20	474.41					474.41
09/20/2011	Deposit	38,661.95					38,661.95
	Dep-M/C	23,944.78					23,944.78
	Credit Card-9/19	413.85					413.85
	Credit Card-9/20	1,673.28					1,673.28
	Electronic	24,870.86					24,870.86
	Website-9/20, 9/21	1,677.26					1,677.26
	Website-9/21	983.73					983.73
	ACH pmts	20,420.14					20,420.14

Financial Account Information - September 2011

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
08/31/2011	**bal forward**	**586,978.09**	**30,000.00**	**7,105.34**	**7,375,683.67**	**2,032,944.00**	**10,032,711.10**
09/21/2011	Deposit	36,558.57					**36,558.57**
	Dep-M/C	75.00					**75.00**
	Credit Card-9/20	767.75					**767.75**
	Credit Card-9/21	3,391.04					**3,391.04**
	Electronic	14,204.25					**14,204.25**
	Website-9/21, 9/22	1,822.32					**1,822.32**
	Website-9/22	435.94					**435.94**
09/22/2011	Deposit	44,492.89					**44,492.89**
	Credit Card-9/21	531.20					**531.20**
	Credit Card-9/22	1,392.59					**1,392.59**
	Electronic	10,753.23					**10,753.23**
	Website-9/22	1,198.60					**1,198.60**
	Website-9/23	678.77					**678.77**
9/23/11-PR	Federal Taxes		(35,682.25)				**(35,682.25)**
9/23/11-PR	State Taxes		(6,740.02)				**(6,740.02)**
9/23/11-PR	PR Direct Deposit		(99,246.28)				**(99,246.28)**
9/23/11-PR	ING 457		(6,325.50)				**(6,325.50)**
	Ck# 13282-13356		(1,100,627.07)				**(1,100,627.07)**
	Void -Ck#13186, 9/1/11		301.20				**301.20**
9/21	ARRA -Draw #15		55,243.00				**55,243.00**
9/26	**TRF#1028-ARRA Draw #15**	**55,243.00**	**(55,243.00)**				**0.00**
	TRF#1029-frm treasuries			1,413,000.00			**1,413,000.00**
	TRF#1030	**100,000.00**		(100,000.00)			**0.00**
9/23	**TRF#1031-**AP&PR (part 1 of 2)	**(1,141,531.00)**	**1,141,531.00**				**0.00**
9/26	**TRF#1031-**AP&PR (part 1 of 2)	**(106,788.92)**	**106,788.92**				**0.00**
	TRF#1032			(1,300,000.00)		1,300,000.00	**0.00**
09/23/2011	Deposit	41,732.08					**41,732.08**
	Credit Card-9/22	510.98					**510.98**
	Credit Card-9/23	1,335.62					**1,335.62**
	Electronic	18,036.68					**18,036.68**
	Website-9/23	812.70					**812.70**
	Website-9/24	7,787.02					**7,787.02**
	Website-9/25	928.40					**928.40**
	Website-9/26	163.15					**163.15**
09/26/2011	Deposit	91,945.76					**91,945.76**
	Deposit-MC - FEMA 1884 #40	13,095.00					**13,095.00**
	Credit Card-9/23	408.68					**408.68**
	Credit Card-9/26	3,389.48					**3,389.48**
	Electronic	18,652.21					**18,652.21**
	Website-9/26	1,855.18					**1,855.18**
	Website-9/27	542.21					**542.21**
	ACH pymts	88,184.26					**88,184.26**
09/27/2011	Deposit	76,271.28					**76,271.28**
	Credit Card-9/26	389.85					**389.85**
	Credit Card-9/27	916.36					**916.36**
	Electronic	27,937.37					**27,937.37**
	Website-9/27	2,294.70					**2,294.70**
	Website-9/28	273.34					**273.34**
09/28/2011	Deposit	101,275.32					**101,275.32**
	Dep-M/C	1,207.16					**1,207.16**
	Dep-M/C - FEMA 1884 pkg#40	52,382.00					**52,382.00**
	Credit Card-9/27	1,270.81					**1,270.81**
	Credit Card-9/28	4,831.60					**4,831.60**
	Electronic	11,377.01					**11,377.01**
	Website-9/28	2,011.95					**2,011.95**
	Website-9/29	256.03					**256.03**
	Ck# 13357-13397		(282,825.64)				**(282,825.64)**
	TRF#1033-AP	**(282,825.64)**	**282,825.64**				**0.00**

Financial Account Information - September 2011

DATE	DESCRIPTION	Deposit Checking	General Checking	Investment Checking	Treasuries at cost	LAIF Invest. Fund	TOTAL ACTIVITY
08/31/2011	bal forward	586,978.09	30,000.00	7,105.34	7,375,683.67	2,032,944.00	10,032,711.10
09/29/2011	Deposit	31,102.06					31,102.06
	Credit Card-9/28	1,329.87					1,329.87
	Credit Card-9/29	951.59					951.59
	Electronic	6,313.14					6,313.14
	Website-9/29	736.72					736.72
	Website-9/30	597.37					597.37
09/30/2011	Deposit	31,975.74					31,975.74
	Credit Card-9/29	224.33					224.33
	Credit Card-9/30	3,192.12					3,192.12
	Electronic	18,594.31					18,594.31
	Website-9/30	1,679.66					1,679.66
	Website-10/1	1,384.32					1,384.32
	Website-10/2	1,491.93					1,491.93
	Website-10/3	163.00					163.00
	September '11 NSF's	(2,678.65)					(2,678.65)
9/22	Cusip #9127952F7 maturity				(1,712,645.49)		(1,712,645.49)
9/30	*retained in MM*				*1,889.48*		1,889.48
	TOTALS	387,822.73	30,000.00	20,105.34	5,663,037.28	1,332,944.00	7,433,909.35

Investment Summary - September 2011

U.S. TREASURIES

Quantity	Description	Cusip	Maturity Date	Yield	Cost of Purchase	Market Value
3,962,000	US Treasury Bill	9127953X7	December 8, 2011	0.030%	3,961,448.61	3,961,920.76
1,700,000	US Treasury Bill	912795Y62	January 19, 2012	0.030%	1,699,699.19	1,699,898.00
5,662,000			**Total Values**		**5,661,147.80**	**5,661,818.76**

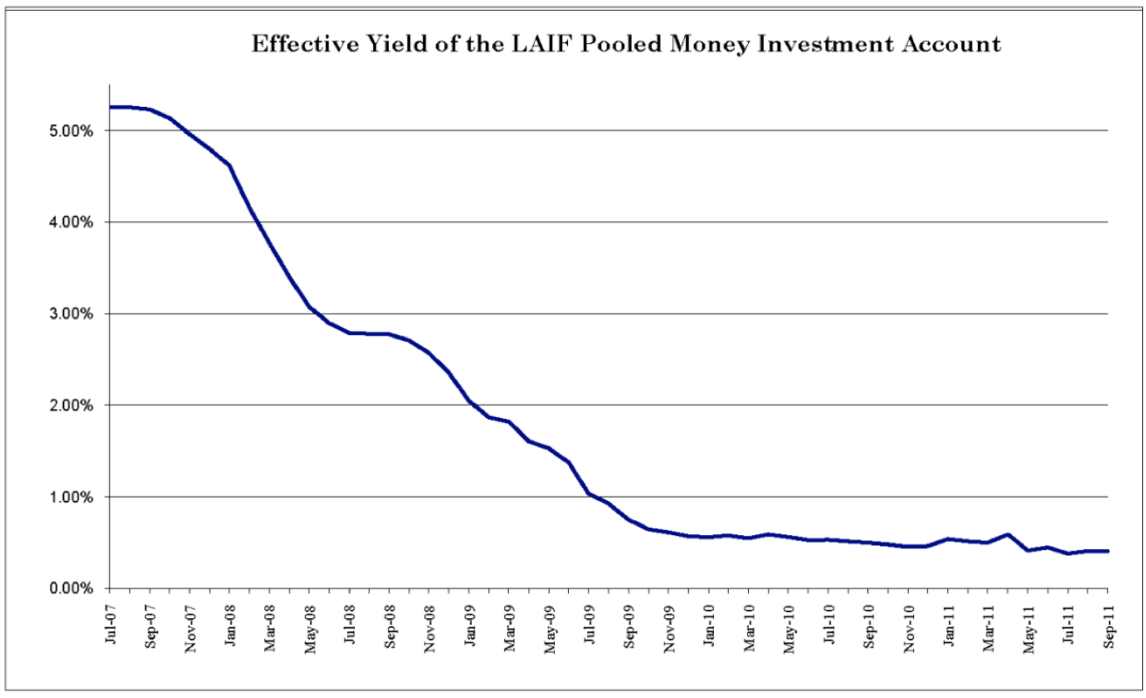
Money Market Account Activity-Beginning Balance	**1,890.38**
8/31/11 - Dividend/Interest	0.19
9/09/11 - Cusip # 9127952F7 Partial Early Withdrawal Fee	(1.09)
9/22/11 - Cusip # 9127952F7 Interest	354.51
Income	**353.61**
9/09/11 Intra-Bank Transfers to/from Investment Checking	(300,000.00)
9/22/11 Intra-Bank Transfers to/from Investment Checking	(1,413,000.00)
Fund Transfers	**(1,713,000.00)**
9/09/11 - Cusip # 9127952F7 Partial Early Withdrawal	299,998.91
9/22/11 - Cusip # 9127952F7 Maturity	1,412,646.58
Redemptions	**1,712,645.49**
Cusip Purchase	0.00
Purchases	**0.00**
Ending Balance - Money Market	**1,889.48**
US Treasury Securities Investment Principal	**5,661,147.80**
Total Assets	**5,663,037.28**

Investment Summary - September 2011

LOCAL AGENCY INVESTMENT FUND

PERIOD	TOTAL WITHDRAWAL AMOUNT	TOTAL DEPOSIT AMOUNT	ACCRUED INTEREST (QUARTERLY)	ENDING BALANCE
July 31, 2011	$0.00	$0.00	$39.05	$32,944.00
August 31, 2011	$0.00	$2,000,000.00	$0.00	$2,032,944.00
September 30, 2011	($2,000,000.00)	$1,300,000.00	$0.00	$1,332,944.00
October 31, 2011	$0.00	$0.00	$0.00	$1,332,944.00
November 30, 2011	$0.00	$0.00	$0.00	$1,332,944.00
December 31, 2011	$0.00	$0.00	$0.00	$1,332,944.00
January 31, 2012	$0.00	$0.00	$0.00	$1,332,944.00
February 29, 2012	$0.00	$0.00	$0.00	$1,332,944.00
March 31, 2012	$0.00	$0.00	$0.00	$1,332,944.00
April 30, 2012	$0.00	$0.00	$0.00	$1,332,944.00
May 31, 2012	$0.00	$0.00	$0.00	$1,332,944.00
June 30, 2012	$0.00	$0.00	$0.00	$1,332,944.00

L.A.I.F. INCOME SUMMARY	CURRENT QUARTER	FY YEAR-TO-DATE
INCOME RECEIVED	$39.05	$39.05



Monthly Revenue Allocation - September 2011

DATE	Description	Qty	DEPOSIT CHECKING DEPOSITS	AR Mail & Counter	AR Payment Centers	AR Credit Card	AR Electronic Rapid Pay	AR Web Site	AR ACH Auto Pay	AR TOTAL	AR Water Customer Deposits	Water Allocation	Sewer Allocation	Recycled Allocation	RECAP TOTAL
09/01/2011	Mail & Counter	325	53,246.05	53,246.05						53,246.05					53,246.05
	Dep-M/C		1,000.00							0.00		1,000.00			1,000.00
	Credit Cards	17	2,346.74			2,346.74				2,346.74					2,346.74
	Electronic	134	13,547.34				13,547.34			13,547.34					13,547.34
	Website	17	1,580.98					1,551.23		1,551.23	29.75				1,580.98
09/02/2011	Mail & Counter	407	46,347.76	46,347.76						46,347.76					46,347.76
	Credit Cards	26	3,367.25			3,367.25				3,367.25					3,367.25
	Electronic	234	23,190.13				23,190.13			23,190.13					23,190.13
	Website	57	6,259.94					6,160.19		6,160.19	99.75				6,259.94
09/06/2011	Mail & Counter	728	121,283.17	121,283.17						121,283.17					121,283.17
	Credit Cards	37	4,350.36			4,350.36				4,350.36					4,350.36
	Electronic	279	26,878.77				26,878.77			26,878.77					26,878.77
	Website-16 fees	17	1,895.60					1,867.60		1,867.60	28.00				1,895.60
	ACH payment	345	33,871.78						33,871.78	33,871.78					33,871.78
09/07/2011	Mail & Counter	528	55,941.11	55,941.11						55,941.11					55,941.11
	Credit Cards	38	5,786.84			5,786.84				5,786.84					5,786.84
	Electronic	308	27,651.05				27,651.05			27,651.05					27,651.05
	Website	23	2,709.85					2,669.60		2,669.60	40.25				2,709.85
09/08/2011	Mail & Counter	237	32,377.27	32,377.27						32,377.27					32,377.27
	Dep-M/C		645.35							0.00		645.35			645.35
	Credit Cards	13	1,827.83			1,827.83				1,827.83					1,827.83
	Electronic	147	13,969.32				13,969.32			13,969.32					13,969.32
	Website-17 fees	19	2,669.39					2,639.64		2,639.64	29.75				2,669.39
09/09/2011	Mail & Counter	234	29,531.38	27,971.38						27,971.38	1,560.00				29,531.38
	Credit Cards	14	1,931.55			1,931.55				1,931.55					1,931.55
	Electronic	152	13,315.50				13,315.50			13,315.50					13,315.50
	Website	24	2,841.19					2,799.19		2,799.19	42.00				2,841.19
09/12/2011	Mail & Counter	471	107,374.71	107,374.71						107,374.71					107,374.71
	Credit Cards	20	2,410.92			2,410.92				2,410.92					2,410.92
	Electronic	151	14,417.31				14,417.31			14,417.31					14,417.31
	Website	15	1,763.09					1,736.84		1,736.84	26.25				1,763.09
	ACH payment	452	59,766.24						59,766.24	59,766.24					59,766.24
09/13/2011	Mail & Counter	251	28,727.76	28,727.76						28,727.76					28,727.76
	Dep-M/C		4,688.49							0.00		4,688.49			4,688.49
	Credit Cards	19	2,263.50			2,263.50				2,263.50					2,263.50
	Electronic	153	14,762.73				14,762.73			14,762.73					14,762.73
	Website	10	1,863.95					1,846.45		1,846.45	17.50				1,863.95
09/14/2011	Mail & Counter	257	42,521.92	42,521.92						42,521.92					42,521.92
	Dep-M/C		6,744.63							0.00			6,744.63		6,744.63
	Credit Cards	28	4,882.64			4,882.64				4,882.64					4,882.64
	Electronic	85	7,940.67				7,940.67			7,940.67					7,940.67
	Website	13	1,701.95					1,679.20		1,679.20	22.75				1,701.95
09/15/2011	Mail & Counter	233	24,945.91	24,945.91						24,945.91					24,945.91
	Credit Cards	21	3,300.86			3,300.86				3,300.86					3,300.86
	Electronic	119	13,075.89				13,075.89			13,075.89					13,075.89
	Website	18	1,901.28					1,869.78		1,869.78	31.50				1,901.28
	ACH payment	450	48,886.61						48,886.61	48,886.61					48,886.61

Monthly Revenue Allocation - September 2011

DATE	Description	Qty	DEPOSIT CHECKING DEPOSITS	AR Mail & Counter	AR Payment Centers	AR Credit Card	AR Electronic Rapid Pay	AR Web Site	AR ACH Auto Pay	AR TOTAL	AR Water Customer Deposits	Water Allocation	Sewer Allocation	Recycled Allocation	RECAP TOTAL
09/16/2011	Mail & Counter	298	49,304.60	49,304.60						49,304.60					49,304.60
	Credit Cards	21	2,410.10			2,410.10				2,410.10					2,410.10
	Electronic	201	21,372.24				21,372.24			21,372.24					21,372.24
	Website-31 fees	32	3,684.56					3,630.31		3,630.31	54.25				3,684.56
09/19/2011	Mail & Counter	527	53,065.34	53,065.34						53,065.34					53,065.34
	Credit Cards	29	3,265.00			3,265.00				3,265.00					3,265.00
	Electronic	177	28,568.22				28,568.22			28,568.22					28,568.22
	Website	18	2,317.15					2,285.65		2,285.65	31.50				2,317.15
09/20/2011	Mail & Counter	363	38,661.95	38,661.95						38,661.95					38,661.95
	Dep-MIC		23,944.78							0.00		23,529.78	415.00		23,944.78
	Credit Cards	18	2,087.13			2,087.13				2,087.13					2,087.13
	Electronic	222	24,870.86				24,870.86			24,870.86					24,870.86
	Website	21	2,660.99					2,624.24		2,624.24	36.75				2,660.99
	ACH payment	448	20,420.14						20,420.14	20,420.14					20,420.14
09/21/2011	Mail & Counter	328	36,558.57	36,558.57						36,558.57					36,558.57
	Dep-MIC		75.00							0.00		75.00			75.00
	Credit Cards	30	4,158.79			4,158.79				4,158.79					4,158.79
	Electronic	133	14,204.25				14,204.25			14,204.25					14,204.25
	Website	20	2,258.26					2,223.26		2,223.26	35.00				2,258.26
09/22/2011	Mail & Counter	239	44,492.89	44,492.89						44,492.89					44,492.89
	Credit Cards	18	1,923.79			1,923.79				1,923.79					1,923.79
	Electronic	103	10,753.23				10,753.23			10,753.23					10,753.23
	Website	14	1,877.37					1,852.87		1,852.87	24.50				1,877.37
09/23/2011	Mail & Counter	287	41,732.08	41,732.08						41,732.08					41,732.08
	Credit Cards	17	1,846.60			1,846.60				1,846.60					1,846.60
	Electronic	175	18,036.68				18,036.68			18,036.68					18,036.68
	Website -32 fees	33	9,691.27					9,635.27		9,635.27	56.00				9,691.27
09/26/2011	Mail & Counter	516	91,945.76	91,945.76						91,945.76					91,945.76
	Dep-FEMA #40		13,095.00							0.00		13,095.00			13,095.00
	Credit Cards	34	3,798.16			3,798.16				3,798.16					3,798.16
	Electronic	196	18,652.21				18,652.21			18,652.21					18,652.21
	Website	20	2,397.39					2,362.39		2,362.39	35.00				2,397.39
	ACH payment	498	88,184.26						88,184.26	88,184.26					88,184.26
09/27/2011	Mail & Counter	350	76,271.28	76,211.28						76,211.28	60.00				76,271.28
	Credit Cards	12	1,306.21			1,306.21				1,306.21					1,306.21
	Electronic	239	27,937.37				27,937.37			27,937.37					27,937.37
	Website	21	2,568.04					2,531.29		2,531.29	36.75				2,568.04
09/28/2011	Mail & Counter	308	101,275.32	101,275.32						101,275.32					101,275.32
	Dep-MIC		1,207.16							0.00		1,130.10		77.06	1,207.16
	Dep-FEMA 1884		52,382.00							0.00		52,382.00			52,382.00
	Credit Cards	37	6,102.41			6,102.41				6,102.41					6,102.41
	Electronic	102	11,377.01				11,377.01			11,377.01					11,377.01
	Website	13	2,267.98					2,245.23		2,245.23	22.75				2,267.98
09/29/2011	Mail & Counter	207	31,102.06	31,102.06						31,102.06					31,102.06
	Credit Cards	13	2,281.46			2,281.46				2,281.46					2,281.46
	Electronic	61	6,313.14				6,313.14			6,313.14					6,313.14
	Website	11	1,334.09					1,314.84		1,314.84	19.25				1,334.09

Monthly Revenue Allocation -September 2010

DATE	Description	Qty	DEPOSIT CHECKING DEPOSITS	AR Mail & Counter	AR Payment Centers	AR Credit Card	AR Electronic Rapid Pay	AR Web Site	AR ACH Auto Pay	AR TOTAL	AR Water Customer Deposits	Water Allocation	Sewer Allocation	Recycled Allocation	RECAP TOTAL
09/30/2011	Mail & Counter	251	31,975.74	31,815.74						31,815.74	160.00				31,975.74
	Credit Cards	22	3,416.45			3,416.45				3,416.45					3,416.45
	Electronic	146	18,594.31				18,594.31			18,594.31					18,594.31
	Website	40	4,718.91					4,648.91		4,648.91	70.00				4,718.91
Sep-11	Utility Pmt Cntr-433			(42,041.38)	42,041.38					0.00					0.00
Prop 50 #8	$220,227.16 (9/15)									0.00					0.00
ARRA #15	$55,243 (9/21)									0.00					0.00
	Sept '11 NSF's		(2,678.65)	(2,678.65)						(2,678.65)					(2,678.65)
	TOTALS	13,995	1,986,371.47	1,092,182.60	42,041.38	65,064.59	369,428.23	60,173.98	251,129.03	1,880,019.81	2,569.25	96,545.72	7,159.63	77.06	1,986,371.47
TOTAL # AR PAYMENTS				6,912	433	484	3,517	456	2,193	13,995					
PERCENT OF TOTAL RECEIVED				49.39%	3.09%	3.46%	25.13%	3.26%	15.67%	100%					

FY 2012 - Water Revenue

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
02-40010	Sales - Water	6,000,000	168,794	697,030	933,812	**1,799,636**	29.99%
02-40011	Sales - Construction Water	31,000	902	2,180	2,638	**5,720**	18.45%
02-40012	Sales - Imported Water (SGPWA)	200,000	21,022	21,415	27,470	**69,907**	34.95%
02-40013	Sales - Imported Water (MUNI)	800,000	8,600	94,133	122,242	**224,975**	28.12%
02-40014	Sales Disc.-Multi Units Usage Chrg.	(130,000)	(3,463)	(12,533)	(17,059)	**(33,055)**	25.43%
02-40015	Water Wholesale Revenue	60,000	3,677	3,540	3,421	**10,639**	17.73%
02-40016	Service Establishment Fee	100	0	0	0	**0**	0.00%
02-41000	Service Demand Charges	2,300,000	44,953	161,798	193,294	**400,045**	17.39%
02-41001	Fire Service Standby Fees	15,000	502	1,310	1,500	**3,311**	22.07%
02-41003	Construction Service Charge	10,000	138	612	812	**1,562**	15.62%
02-41005	Sales Disc-Multi Units Service Chrg.	(92,000)	(2,194)	(7,488)	(8,941)	**(18,622)**	20.24%
02-41010	Unauthorized Use of Water Charge	1,500	750	0	0	**750**	50.00%
02-41110	Meter/Lateral installation	2,500	0	1,125	0	**1,125**	45.00%
02-41112	Fire Flow Measurements & Reports	1,900	150	75	225	**450**	23.68%
02-41113	Disconnect/Reconnect Fees	100,000	10,195	10,665	10,840	**31,700**	31.70%
02-41121	Delinquent Payment Charges	125,000	12,245	16,051	13,005	**41,301**	33.04%
02-41124	Bad Debt	0	0	0	0	**0**	
02-42123	Management & Accounting Fees	733,170	61,092	61,098	61,098	**183,288**	25.00%
02-43010	Interest Earned	10,000	69	25	200	**294**	2.94%
02-43110	Property Tax - Unsecured	100,000	0	0	0	**0**	0.00%
02-43120	Property Tax - Secured	2,050,000	0	0	0	**0**	0.00%
02-43130	Tax Collection - Prior	60,000	0	0	0	**0**	0.00%
02-43140	Other Taxes	90,000	0	0	0	**0**	0.00%
02-49150	Revenue - Misc. Non-Operating	35,000	2,060	10,251	2,168	**14,479**	41.37%
	WATER OPERATING REVENUE	**12,503,170**	**329,491**	**1,061,287**	**1,346,726**	**2,737,504**	**21.89%**
02-82002	Grants (FEMA)	0	**0**	0	0	**0**	
02-89901	Facility Capacity Charges	0	**0**	0	0	**0**	
02-89902	Sustainability	0	**0**	0	0	**0**	
	TOTAL WATER REVENUE	**12,503,170**	**329,491**	**1,061,287**	**1,346,726**	**2,737,504**	

FY 2012 - Sewer Revenue

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
03-40016	Sales - Establish Service Fee	100	0	0	0	0	0.00%
03-41000	Sales - Sewer Charges	10,425,000	275,183	854,191	894,608	2,023,982	19.41%
03-41005	Sales Disc-Multi Units Service Chrg.	(200,000)	(5,633)	(16,671)	(17,075)	(39,379)	19.69%
03-41110	Meter/Lateral Installation	1,000	0	0	0	0	0.00%
03-41121	Penalty Late Charges	130,000	11,154	12,060	8,279	31,494	24.23%
03-41124	Bad Debt	0	0	0	0	0	
03-41131	Front Footage Fees	0	0	0	0	0	
03-42122	Revenue - other operating	1,000	0	180	0	180	18.00%
03-43010	Interest Earned	10,000	0	191	0	191	1.91%
03-43110	Property Tax - Unsecured	50,000	0	0	0	0	0.00%
03-43120	Property Tax - Secured	450,000	0	0	0	0	0.00%
03-43130	Tax Collection - Prior	15,000	0	0	0	0	0.00%
03-43140	Other Taxes	1,500	0	0	0	0	0.00%
03-49150	Misc. Non-Oper Revenue	25,000	0	0	0	0	0.00%
	SEWER OPERATING REVENUE	10,908,600	280,704	849,951	885,813	2,016,468	18.49%
03-82003	Grants - ARRA	0	0	0	55,243	55,243	
03-82004	Grants - Prop 50	0	0	0	0	0	
03-89901	Facility Capacity Charges	0	0	0	0	0	
8990540016	Contrib Capital-Infrastructure	0	0	0	0	0	
	TOTAL SEWER REVENUE	10,908,600	280,704	849,951	941,056	2,071,711	

FY 2012 - Recycled Revenue

ACCOUNT#	Description	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
04-40010	Sales - Recycled Water	220,000	12,326	44,736	59,761	116,823	53.10%
04-40011	Sales - Construction Water	2,500	6	21	224	250	10.02%
04-41000	Sales - Service Demand Chrg.	27,500	694	1,756	3,182	5,632	20.48%
04-41003	Const. Water Minimum Chrg.	4,000	28	193	269	490	12.25%
04-41121	Penalty - Late Charge	500	22	11	8	42	8.30%
04-43010	Interest Earned	50	0	0	0	0	0.00%
04-43110	Property Tax - Unsecured	500	0	0	0	0	0.00%
04-43120	Property Tax - Secured	10,000	0	0	0	0	0.00%
04-43130	Property Tax - Prior	100	0	0	0	0	0.00%
04-43140	Property Tax - Other	100	0	0	0	0	0.00%
04-49150	Misc. Non-Operating Revenue	0	0	0	0	0	
	RECYCLED OPERATING REVENUE	**265,250**	**13,076**	**46,717**	**63,444**	**123,238**	**46.46%**
04-82001	Grants-EPA #XP989384-01	0	0	0	0	0	
04-89901	Facility Capacity Charges	0	0	0	0	0	
	TOTAL RECYCLED REVENUE	**265,250**	**13,076**	**46,717**	**63,444**	**123,238**	

FY 2012 - Water Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
02-5-01-50010	Labor-Water Resources	635,700	43,996	44,031	47,436	**135,462**	21.31%
02-5-01-50011	Labor Credit	0	0	0	0	**0**	
02-5-01-50013	Benefits-Fica	48,630	3,629	3,657	3,921	**11,207**	23.05%
02-5-01-50014	Benefits-Life Insurance	3,420	250	256	256	**761**	22.26%
02-5-01-50016	Benefits-Health\Defrd Comp	90,175	7,981	8,920	8,920	**25,822**	28.64%
02-5-01-50017	Benefits-Disability Insurance	7,650	804	811	858	**2,473**	32.33%
02-5-01-50019	Benefits-Workers Compensation	33,700	3,500	0	0	**3,500**	10.39%
02-5-01-50021	Benefits-PERS	44,500	2,522	2,901	2,957	**8,380**	18.83%
02-5-01-50022	Benefits-PERS-Employer	85,885	4,910	5,599	5,707	**16,216**	18.88%
02-5-01-50023	Benefits-Uniforms	2,850	178	156	283	**618**	21.68%
02-5-01-50024	Benefits-Vacation & Sick Pay	20,000	616	277	577	**1,470**	7.35%
02-5-01-50025	Benefits-Boot Allowance	1,425	450	0	150	**600**	42.11%
02-5-01-51003	R&M - Structures	200,000	9,669	6,028	17,204	**32,901**	16.45%
02-5-01-51011	R&M - CLA Valves	15,000	0	0	0	**0**	0.00%
02-5-01-51140	General Supplies & Expenses	2,000	0	208	0	**208**	10.39%
02-5-01-51210	Utilities - Power Purchases	1,500,000	50,795	178,242	128,870	**357,907**	23.86%
02-5-01-51211	Utilities - Electricity & Fuel	4,000	0	370	491	**860**	21.51%
02-5-01-51316	Imported Water Purchases	1,000,000	97,331	104,567	99,000	**300,899**	30.09%
02-5-01-54019	Licenses & Permits	25,000	0	0	1,728	**1,728**	6.91%
02-5-01-54110	Laboratory Services	90,000	0	4,250	5,432	**9,682**	10.76%
02-5-01-57040	YVRWFF Operating Expense	550,000	33,071	76,495	32,167	**141,733**	25.77%
	WATER RESOURCE TOTALS	**4,359,935**	**259,701**	**436,768**	**355,958**	**1,052,426**	24.14%
02-5-03-50010	Labor-Public Works	945,340	56,697	63,119	60,315	**180,132**	19.05%
02-5-03-50011	Labor Credit	0	0	(720)	(3,344)	**(4,064)**	
02-5-03-50013	Benefits-Fica	72,320	4,617	5,156	4,973	**14,746**	20.39%
02-5-03-50014	Benefits-Life Insurance	6,160	416	424	424	**1,264**	20.53%
02-5-03-50016	Benefits-Health\Defrd Comp	162,315	13,305	15,404	15,340	**44,049**	27.14%
02-5-03-50017	Benefits-Disability Insurance	11,345	1,603	1,149	1,120	**3,872**	34.13%
02-5-03-50019	Benefits-Workers Compensation	50,100	4,062	153	0	**4,215**	8.41%
02-5-03-50021	Benefits-PERS	66,175	3,493	3,846	3,930	**11,269**	17.03%
02-5-03-50022	Benefits-PERS Employer	127,715	6,808	7,423	7,585	**21,816**	17.08%
02-5-03-50023	Benefits-Uniforms	20,000	380	371	355	**1,105**	5.53%
02-5-03-50024	Benefits-Vacation & Sick Pay	5,130	0	0	193	**193**	3.77%
02-5-03-50025	Benefits-Boot Allowance	2,585	0	0	150	**150**	5.85%
02-5-03-51001	R & M -Vehicles & Equipment	170,000	11,295	13,722	5,883	**30,900**	18.18%
02-5-03-51011	R&M - Valves	10,000	0	0	0	**0**	0.00%
02-5-03-51020	R&M - Pipelines	275,000	10,480	17,754	15,620	**43,854**	15.95%
02-5-03-51021	R&M - Service Lines	125,000	7,127	14,421	5,139	**26,686**	21.35%
02-5-03-51022	R&M - Fire Hydrants	25,000	91	(102)	(2,016)	**(2,026)**	-8.11%
02-5-03-51030	R&M - Water Meters	70,000	1,839	1,614	4,288	**7,741**	11.06%
02-5-03-51092	Equipment Credits	0	0	(241)	(1,672)	**(1,913)**	
02-5-03-51140	General Supplies & Expenses	3,000	13	0	0	**13**	0.43%
	PUBLIC WORKS TOTALS	**2,147,165**	**122,227**	**143,492**	**118,284**	**384,003**	17.88%

FY 2012 - Water Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
02-5-06-50010	Labor-Administration	745,830	41,091	46,406	46,363	**133,859**	17.95%
02-5-06-50011	Labor Credit	0	0	0	0	**0**	
02-5-06-50012	Director Fees	15,000	0	1,094	1,155	**2,249**	14.99%
02-5-06-50013	Benefits-Fica	57,050	3,153	3,522	3,526	**10,201**	17.88%
02-5-06-50014	Benefits-Life Insurance	3,640	284	291	290	**865**	23.77%
02-5-06-50016	Benefits-Health\Defrd Comp	95,870	9,599	12,127	12,127	**33,853**	35.31%
02-5-06-50017	Benefits-Disability Insurance	8,950	127	730	731	**1,588**	17.75%
02-5-06-50019	Benefits-Workers Compensation	39,530	1,800	0	0	**1,800**	4.55%
02-5-06-50021	Benefits-PERS	52,200	2,781	3,204	3,204	**9,190**	17.60%
02-5-06-50022	Benefits PERS Employer	138,550	5,420	6,184	6,184	**17,787**	12.84%
02-5-06-50023	Uniforms	3,030	118	114	233	**464**	15.33%
02-5-06-50024	Benefits-Vacation & Sick Pay	15,000	861	599	639	**2,099**	13.99%
02-5-06-50025	Benefits-Boots	1,515	0	150	0	**150**	9.90%
02-5-06-51003	R&M - Structures	20,000	1,130	890	1,620	**3,640**	18.20%
02-5-06-51091	Expense Credits (overhead)	0	0	(85)	(1,143)	**(1,228)**	
02-5-06-51120	Safety Equipment/Supplies	25,000	2,500	4,862	0	**7,362**	29.45%
02-5-06-51125	Petroleum Products	110,000	8,762	13,095	6,468	**28,326**	25.75%
02-5-06-51130	Office Supplies & Expenses	40,000	4,889	2,317	3,047	**10,254**	25.63%
02-5-06-51140	General Supplies & Expenses	30,000	34	668	25	**727**	2.42%
02-5-06-51211	Utilities - Electricity	26,000	102	3,444	3,323	**6,869**	26.42%
02-5-06-51213	Utilities - Natural Gas	5,000	37	37	0	**74**	1.48%
02-5-06-54002	Dues & Subscriptions	10,000	0	95	95	**190**	1.90%
02-5-06-54005	Computer Expenses	75,000	3,240	4,886	7,416	**15,543**	20.72%
02-5-06-54010	Postage	6,500	191	126	75	**391**	6.02%
02-5-06-54011	Printing & Publications	20,000	3,487	2,219	93	**5,799**	28.99%
02-5-06-54012	Education & Training	30,000	175	1,235	175	**1,585**	5.28%
02-5-06-54013	Utility Billing Expenses	135,000	10,985	11,114	6,089	**28,167**	20.86%
02-5-06-54014	Public Relations	25,000	128	662	347	**1,136**	4.54%
02-5-06-54015	Rents & Leases	3,500	402	197	400	**999**	28.55%
02-5-06-54016	Travel Related Expenses	7,500	15	44	0	**59**	0.79%
02-5-06-54017	Certifications & Renewals	6,000	180	155	125	**460**	7.67%
02-5-06-54020	Meeting Related Expenses	4,000	7	265	120	**392**	9.79%
02-5-06-54024	Utilities - Waste Disposal	2,500	159	159	0	**317**	12.69%
02-5-06-54025	Utilities - Telephone	35,000	2,431	2,577	0	**5,008**	14.31%
02-5-06-54104	Contractual Services	70,000	16,941	2,175	3,716	**22,832**	32.62%
02-5-06-54107	Legal	45,000	3,268	4,706	0	**7,973**	17.72%
02-5-06-54108	Audit & Accounting	16,000	5,000	0	0	**5,000**	31.25%
02-5-06-54109	Professional Fees	100,000	17,133	7,357	4,221	**28,710**	28.71%
02-5-06-55500	Depreciation Reserves	375,095	31,257	31,258	31,258	**93,773**	25.00%
	Infrastructure Replacement	397,935	33,164	33,161	33,161	**99,486**	25.00%
02-5-06-56001	Insurance	120,000	10,730	9,734	9,324	**29,787**	24.82%
02-5-06-57030	Regulatory Compliance	95,000	213	0	0	**213**	0.22%
02-5-06-57096	Beaumont Basin Watermaster	10,000	0	0	0	**0**	0.00%
02-5-06-57100	County Tax Collector Fees	7,500	0	164	0	**164**	2.19%
02-5-06-57199	Suspense	0	0	0	0	**0**	
	ADMINISTRATION TOTALS	**3,028,695**	**221,771**	**211,937**	**184,407**	**618,115**	20.41%

FY 2012 - Water Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
02-5-40-57001	Asset Acq. - Water Resources	0	0	0	0	0	
02-5-40-57003	Asset Acq. - Public works	0	0	0	0	0	
02-5-40-57006	Asset Acq. - Administration	35,000	0	23,451	0	23,451	67.00%
02-5-40-57201	Debt Srv-Series 2004A Princ.(25009)	920,000	0	920,000	0	920,000	100.00%
02-5-40-57402	Interest-Long-Term Debt Bonds	2,012,375	0	1,014,813	0	1,014,813	50.43%
	40 - Debt & Capital Outlay	2,967,375	0	1,934,813	0	1,934,813	65.20%
	TOTAL WATER EXPENSES	12,503,170	603,699	2,727,009	658,649	3,989,357	31.91%

FY 2012 - Sewer Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
03-5-02-50010	Labor-WW Treatment	899,200	52,605	61,482	63,413	177,500	19.74%
03-5-02-50013	Benefits-Fica	68,800	4,352	5,160	5,292	14,804	21.52%
03-5-02-50014	Benefits-Life Insurance	4,500	334	341	341	1,016	22.57%
03-5-02-50016	Benefits-Health\Defrd Comp	118,650	10,288	12,693	12,693	35,675	30.07%
03-5-02-50017	Benefits-Disability Insurance	10,800	999	1,130	1,156	3,285	30.41%
03-5-02-50019	Benefits-Workers Compensation	47,700	3,500	0	0	3,500	7.34%
03-5-02-50021	Benefits-PERS	62,950	3,538	4,135	4,190	11,863	18.84%
03-5-02-50022	Benefits-PERS Employer	121,500	6,895	7,980	8,088	22,962	18.90%
03-5-02-50023	Benefits-Uniforms	3,750	297	340	291	928	24.75%
03-5-02-50024	Benefits-Vacation & Sick Pay	15,000	576	323	384	1,283	8.55%
03-5-02-50025	Benefits-Boot Allowance	1,875	150	104	0	254	13.53%
03-5-02-51003	R&M - Structures	200,000	14,747	3,968	3,358	22,073	11.04%
03-5-02-51010	R&M - Automation Control	85,000	0	3,272	1,820	5,092	5.99%
03-5-02-51106	Chemicals	600,000	21,103	69,542	9,027	99,672	16.61%
03-5-02-51111	Propane	2,500	0	3,053	0	3,053	122.12%
03-5-02-51115	Laboratory Supplies	30,000	744	2,411	387	3,542	11.81%
03-5-02-51140	General Supplies & Expenses	1,000	0	93	0	93	9.33%
03-5-02-51210	Utilities - Power Purchases	690,000	38,790	74,567	72,931	186,288	27.00%
03-5-02-54110	Laboratory Services	120,000	3,264	10,757	3,199	17,219	14.35%
03-5-02-57031	Sludge Disposal	300,000	25,052	24,416	0	49,468	16.49%
03-5-02-57033	Brine Disposal	30,000	0	0	0	0	0.00%
	TREATMENT TOTALS	3,413,225	187,233	285,766	186,570	659,568	19.32%

FY 2012 Sewer Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
03-5-06-50010	Labor-Administration	708,050	35,644	42,774	42,732	**121,149**	17.11%
03-5-06-50012	Directors Fees	15,000	0	1,094	1,155	**2,249**	14.99%
03-5-06-50013	Benefits-Fica	54,170	2,702	3,228	3,233	**9,163**	16.92%
03-5-06-50014	Benefits-Life Insurance	3,500	285	291	290	**867**	24.76%
03-5-06-50016	Benefits-Health\Defrd Comp	92,075	9,229	11,969	11,969	**33,167**	36.02%
03-5-06-50017	Benefits-Disability Insurance	8,500	604	684	685	**1,974**	23.22%
03-5-06-50019	Benefits-Workers Compensation	37,530	3,200	0	0	**3,200**	8.53%
03-5-06-50021	Benefits-PERS	49,570	2,564	2,950	2,950	**8,464**	17.07%
03-5-06-50022	Benefits PERS Employer	95,660	4,996	5,693	5,693	**16,383**	17.13%
03-5-06-50023	Benefits-Uniforms	2,910	88	86	86	**260**	8.93%
03-5-06-50024	Benefits-Vacation & Sick Pay	10,000	861	599	639	**2,099**	20.99%
03-5-06-50025	Benefits-Boot Allowance	1,455	0	0	0	**0**	0.00%
03-5-06-51120	Safety Equipment/Supplies	7,500	0	4,734	0	**4,734**	63.13%
03-5-06-51125	Petroleum Products	17,500	1,000	1,000	1,000	**3,000**	17.14%
03-5-06-51130	Office Supplies	5,000	0	592	0	**592**	11.84%
03-5-06-51140	General Supplies & Expenses	7,500	0	129	0	**129**	1.72%
03-5-06-54002	Dues & Subscriptions	10,000	0	225	179	**404**	4.04%
03-5-06-54003	Management & Admin Services	733,170	61,092	61,098	61,098	**183,288**	25.00%
03-5-06-54005	Computer Expenses	70,000	3,105	3,021	2,629	**8,756**	12.51%
03-5-06-54011	Printing & Publications	7,500	3,487	2,219	93	**5,799**	77.32%
03-5-06-54012	Education & Training	20,000	175	1,425	175	**1,775**	8.88%
03-5-06-54014	Public Relations	8,000	128	662	10	**800**	10.00%
03-5-06-54016	Travel Related Expenses	8,500	0	212	432	**645**	7.59%
03-5-06-54017	Certifications & Renewals	5,500	0	365	0	**365**	6.64%
03-5-06-54019	Licenses & Permits	42,500	0	0	0	**0**	0.00%
03-5-06-54020	Meeting Related Expenses	2,500	0	204	160	**365**	14.59%
03-5-06-54024	Utilities - Waste Disposal	12,500	959	945	0	**1,904**	15.24%
03-5-06-54025	Utilities - Telephone	16,500	1,507	1,507	940	**3,955**	23.97%
03-5-06-54030	Drinking Water	1,000	56	112	49	**217**	21.70%
03-5-06-54104	Contractual Services	30,000	11,427	984	883	**13,294**	44.31%
03-5-06-54107	Legal	45,000	3,625	5,161	0	**8,786**	19.52%
03-5-06-54108	Audit & Accounting	16,000	5,000	0	0	**5,000**	31.25%
03-5-06-54109	Professional Fees	300,000	43,403	9,906	4,571	**57,880**	19.29%
03-5-06-55500	Depreciation Reserves	327,260	27,268	27,272	27,272	**81,812**	25.00%
	Infrastructure Replacement	786,300	65,525	65,525	65,525	**196,575**	25.00%
03-5-06-56001	Insurance	115,000	9,321	9,734	9,324	**28,379**	24.68%
03-5-06-57030	Regulatory Compliance	50,000	21,447	0	0	**21,447**	42.89%
03-5-06-57100	County Tax Collection Fees	1,200	0	0	0	**0**	0.00%
	ADMINISTRATION TOTALS	**3,724,350**	**318,697**	**266,403**	**243,773**	**828,874**	22.26%

FY 2012 - Sewer Expenses

ACCOUNT#	DESCRIPTION	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
03-5-07-50010	Labor-Enviromental Control	213,570	13,239	14,750	14,588	42,577	19.94%
03-5-07-50011	Labor Credit	0	0	0	0	0	
03-5-07-50013	Benefits-Fica	16,340	1,069	1,153	1,141	3,364	20.58%
03-5-07-50014	Benefits-Life Insurance	1,400	83	85	85	254	18.11%
03-5-07-50016	Benefits-Health\Defrd Comp	37,020	3,271	3,423	3,423	10,118	27.33%
03-5-07-50017	Benefits-Disability Insurance	2,565	234	253	251	737	28.75%
03-5-07-50019	Benefits-Workers Compensation	11,320	2,000	0	0	2,000	17.67%
03-5-07-50021	Benefits-PERS	14,950	744	870	870	2,483	16.61%
03-5-07-50022	Benefits-PERS Employer	28,855	1,449	1,679	1,679	4,806	16.66%
03-5-07-50023	Benefits-Uniforms	1,170	108	114	105	327	27.93%
03-5-07-50024	Benefits-Vacation & Sick Pay	6,000	0	0	0	0	0.00%
03-5-07-50025	Benefits-Boot Allowance	585	300	0	0	300	51.28%
03-5-07-51003	R&M - Structures	320,000	13,408	47,833	8,963	70,204	21.94%
03-5-07-51140	General Supplies & Expenses	1,000	0	0	0	0	0.00%
03-5-07-51241	Lift Station #1	70,000	3,206	8,303	3,743	15,251	21.79%
03-5-07-51242	Lift Station #2	12,000	402	681	648	1,731	14.43%
03-5-07-51243	Lift Station #3	7,500	90	72	489	651	8.68%
03-5-07-51244	Lift Station #4	20,000	387	936	0	1,324	6.62%
03-5-07-51245	Lift Station #5	5,000	0	94	99	193	3.85%
03-5-07-51248	Lift Station #8	3,000	0	49	51	100	3.33%
03-5-07-54109	Professional Fees	50,000	0	0	0	0	0.00%
03-5-07-54110	Laboratory Services	2,500	0	0	0	0	0.00%
	ENVIRONMENTAL CONTROL TOTAL	824,775	39,990	80,294	36,135	156,419	18.97%
03-5-40-57002	Asset Acq. - Treatment		0	0	0	0	
03-5-40-57006	Asset Acq. - Administration		0	0	0	0	
03-5-40-57007	Asset Acq. - Environmental Control		0	0	0	0	
03-5-40-57009	Plant Support (03-13105 Sari Line)	19,710	0	0	0	0	0.00%
03-5-40-57202	Debt Service - Principal	1,909,500	0	0	1,907,783	1,907,783	99.91%
03-5-40-57403	Debt Service - Interest	1,017,040	0	0	1,015,886	1,015,886	99.89%
	Debt & Capital Outlay	2,946,250	0	0	2,923,669	2,923,669	99.23%
	TOTAL SEWER EXPENSES	10,908,600	545,920	632,463	3,390,146	4,568,530	41.88%

FY 2012 - Recycled Expenses

ACCOUNT#	Description	BUDGET	July '11	Aug '11	Sept '11	Year to Date	Percentage YTD
04-5-06-50010	Labor-Recycled Water	86,900	0	0	0	0	0.00%
04-5-06-50012	Director Fees	2,500	0	0	0	0	0.00%
04-5-06-50013	Benefits-FICA	6,655	0	0	0	0	0.00%
04-5-06-50014	Benefits-Life Insurance	440	0	0	0	0	0.00%
04-5-06-50016	Benefits-Health & Def Comp	11,390	370	370	370	1,110	9.75%
04-5-06-50017	Benefits-Disability Insurance	1,085	0	0	0	0	0.00%
04-5-06-50019	Benefits-Workers Compensation	4,610	0	0	0	0	0.00%
04-5-06-50021	Benefits-PERS Employee	6,090	0	0	0	0	0.00%
04-5-06-50022	Benefits-PERS Employer	11,750	0	0	0	0	0.00%
04-5-06-50023	Benefits-Uniforms	360	0	0	0	0	0.00%
04-5-06-50024	Benefits-Vacation & Sick Pay	1,250	0	0	0	0	0.00%
04-5-06-50025	Benefits-Boots	150	0	0	0	0	0.00%
04-5-06-51003	R & M-Structures	10,000	500	0	0	500	5.00%
04-5-06-51020	R & M-Pipelines	5,000	0	0	0	0	0.00%
04-5-06-51021	R & M-Service Lines	5,000	0	0	0	0	0.00%
04-5-06-51022	R & M-Fire Hydrants	1,000	0	0	0	0	0.00%
04-5-06-51030	R & M-Meters	500	0	0	0	0	0.00%
04-5-06-51140	General Supplies & Expenses	250	0	0	0	0	0.00%
04-5-06-51316	Imported Water Purchases	0	0	0	0	0	
04-5-06-54002	Dues & Subscriptions	750	0	0	0	0	0.00%
04-5-06-54005	Computer Expense	1,000	0	0	1,167	1,167	116.67%
04-5-06-54011	Printing & Publications	250	0	0	0	0	0.00%
04-5-06-54012	Education & Training	2,500	0	0	0	0	0.00%
04-5-06-54014	Public Relations	5,000	128	662	312	1,101	22.02%
04-5-06-54016	Travel Related Expenses	1,500	0	0	0	0	0.00%
04-5-06-54017	Certifications & Renewals	250	0	0	0	0	0.00%
04-5-06-54019	Licenses & Permits	2,500	0	0	0	0	0.00%
04-5-06-54020	Meeting Related Expenses	500	0	0	0	0	0.00%
04-5-06-54025	Telephone	500	60	55	0	115	22.92%
04-5-06-54010	Contractural Services	1,750	0	0	0	0	0.00%
04-5-06-54107	Legal	2,000	0	0	0	0	0.00%
04-5-06-54109	Professional Fees	10,000	791	0	0	791	7.91%
04-5-06-54110	Laboratory Services	1,000	0	0	0	0	0.00%
04-5-06-55500	Depreciation	7,900	662	662	662	1,986	25.14%
	Infrastructure Replacement	52,920	4,410	4,410	4,410	13,230	25.00%
04-5-06-57030	Regulatory Compliance	20,000	0	0	0	0	0.00%
	TOTAL RECYCLED EXPENSES	265,250	6,921	6,159	6,921	20,000	7.54%

Yucaipa Valley Water District

Workshop Memorandum 11-157

Date: **October 11, 2011**

Subject: **Proposed Asphalt Rehabilitation Projects at Three District Properties**

The Yucaipa Valley Water District maintains several facilities located throughout the communities of Yucaipa and Calimesa. Most of these facilities are paved to protect the underground facilities and to provide access during weather.

The District staff is in the process of soliciting bids for the rehabilitation of the following three District properties:

- Reservoir R-11.1;
- Reservoir R-15.1; and
- The District office.

Routine maintenance and upkeep of the pavement at these facilities will help to reduce further expenses.

The purpose of this workshop agenda item is to provide information about the condition of the asphalt at these sites and an overview of the bids received.

Yucaipa Valley Water District

Workshop Memorandum 11-158

Date: **October 11, 2011**

Subject: **Approval of Class I Industrial User Discharge Permit for Sorenson Engineering**

The Yucaipa Valley Water District staff normally provides informational updates at board workshops and requests formal action by the Board of Directors at regular board meetings. This provides time for the members of the Board and the public to learn about issues and discuss various alternatives prior to taking a specific course of action.

In this case, the District has prepared an updated industrial user discharge permit for Sorenson Engineering. The permit has been signed and representatives from Sorenson are prepared to begin testing newly installed equipment at their site. In order to facilitate the testing of the equipment, the District staff requests that the Board of Directors approve the attached pretreatment permit at the board workshop.

Yucaipa Valley Water District

CLASS I INDUSTRIAL USER DISCHARGE PERMIT

Date: **October 24, 2011**

Name: **Sorenson Engineering, Inc.**
32032 Dunlap Blvd.
Yucaipa, CA 92399

Attention: **Mr. David Sorenson, CEO**

Reference: **Class I Industrial User Discharge Permit Issued to Sorenson Engineering, Inc.**

Permit No: **CP-001-03**

SIC No: **3451**
NAICS: **332721**

Issued By: **Yucaipa Valley Water District**
12770 Second Street
Yucaipa, California 92399

Dear Mr. Sorenson:

The enclosed permit outlines the pollutant limitations for the industrial wastewater to be discharged from Sorenson Engineering, Inc. facility located at 32032 Dunlap Blvd. into the Yucaipa Valley Water District ("District") wastewater collection system. All discharges of wastewater generated at this facility, actions, and reports thereto, shall be in accordance with the terms and conditions of this permit and the **District's Sewer Use Ordinance**. The annual permit fee is $500 per year plus sampling costs.

If you wish to appeal or challenge any of the discharge limitations, pretreatment requirements, or conditions imposed in this permit, a petition must be filed for modification or reissuance of this permit within ten (10) working days of issuance.

It is hereby certified that this permit was prepared based on information provided by a combination of one or more of the following sources: the user's permit application, facts obtained during a field inspection of the user's wastewater generating activities, and/or additional information obtained from the user.

Joseph B. Zoba
General Manager

John Wrobel
Environmental Control Superintendent

Class I Industrial User Discharge Permit
Number CP-001-03

IU Name and Address:	**Sorenson Engineering, Inc.** **32032 Dunlap Blvd.** **Yucaipa, CA 92399**
Responsible Party:	**David Sorenson, CEO**
Contact:	**Paul Sewell, CFO (909) 795-2434 Ex. 204** **Robert Murillo, Processing Supervisor**
Mailing Address:	**Sorenson Engineering, Inc.** **32032 Dunlap Blvd.** **Yucaipa, CA 92399**

In accordance with the provisions of the Yucaipa Valley Water District's **Sewer Use Ordinance**, the above listed company ("permittee") is hereby authorized to discharge industrial wastewater from 32032 Dunlap Blvd., Yucaipa, CA 92399 to the District's wastewater collection system, in accordance with the discharge limitations, monitoring requirements, and other conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws, regulations, standards, or requirements that may become effective during the term of this permit.

Noncompliance with the terms and conditions of this permit shall constitute a violation of the requirements of the District's **Sewer Use Ordinance**, and shall subject the permittee to applicable enforcement actions.

This permit shall become effective on: **November 7, 2011**

This permit shall expire at midnight on: **November 6, 2013**

The permittee shall not discharge any industrial wastewater after the date of expiration. If the permittee wishes to continue discharging wastewater to the District's wastewater collection system after the expiration date, an application must be filed for reissuance of this permit in accordance with the requirements of the District's **Sewer Use Ordinance.** This application is due a minimum of 90-days prior to the expiration of this permit.

Issued By:

Joseph B. Zoba, General Manager
Yucaipa Valley Water District
12770 Second Street
Yucaipa, California 92399

Accepted By:

David Sorenson, CEO
Sorenson Engineering, Inc.
32032 Dunlap Blvd.
Yucaipa, California 92399

PART 1 - DISCHARGE REQUIREMENTS

A. Discharge Location: During the period of **November 7, 2011 to midnight of November 6, 2013,** the permittee is authorized to discharge the industrial wastewater specified in Part 1-C, through the sample location(s), and outfall(s) listed below to the District's wastewater collection system.

1. Discharge Location 001 - A dedicated sampling structure located outside the chemical processing shop, downstream from the industrial wastewater pre-treatment equipment and flow-metering device. Industrial process wastewater is the only discharge flowing out through this outfall and sampling point and *is subject to Federal categorical discharge standards under **40 CFR Part 433.17(a) PSNS** and Yucaipa Valley Water District's local discharge limits.* When both *Local Limits and Federal Categorical Limits are applicable*, the discharge must meet the more stringent Limits. (**40 CFR PART 403.4)**. See Part 2 , pg. 9 for a drawing that displays the sample location.

2. Discharge Location 002: A dedicated sampling structure located at the end of the treatment process. Industrial process wastewater is the only discharge flowing out through this outfall and sampling point and is subject to Federal categorical discharge standards under **40 CFR Part 433.17 (a) PSNS** and Yucaipa Valley Water District's local discharge limits. When both *Local Limits and Federal Categorical Limits are applicable*, the discharge must meet the more stringent Limits. (**40 CFR PART 403.4)**. See Part 2 pg. 9 for a drawing that displays the sample location.

B. Permit Duration and Designated Discharge Limits: During the period of **November 7, 2011 to midnight of November 6, 2013** the industrial wastewater discharged from Sample Location 001 and/or 002, shall not exceed the *Categorical or Local Discharge Limitations* specified in the Discharge Limitation Table on page 4.

C. Permit Classification: Sorenson Engineering is classified as a **Categorical Industrial User** (CIU). This decision is based on metal finishing operations described under 40 CFR Part 433.10 Metal Finishing regulations which cover discharges from any of the six following categories: Electroplating, Electroless Plating, Anodizing, Coating (chromating, phosphating, and coloring), Chemical Etching and Milling, and Printed Circuit Board Manufacture. Federal categorical limits specified in **40 CFR Part 433.17 PSNS** (Pretreatment Standards for New Sources) will be applied unless the local limit is more stringent. The most stringent limit will be applied to the discharge.

D. Total Toxic Organic (TTO) Monitoring: TTO monitoring is required under **40 CFR Part 433.17** to establish a baseline of organic pollutants in the waste stream. If the sample indicates compliance with the **2.13 mg/L PSNS** limit, a semi-annual certification statement may be used, for future samples to meet this requirement. See page 5 and 6 for complete list of TTOs. In requesting the certification alternative, a discharger shall submit a solvent management plan (also referred to as a Toxic Organic Management Plan or TOMP) that specifies to the satisfaction of the District the toxic organic compounds used; the method of disposal used instead of dumping, such as reclamation, contract hauling, or incineration; and procedures for ensuring that toxic organics do not routinely spill or leak into the wastewater.

E. Certification Statement in Lieu of Requiring Monitoring for TTO: The District may allow Sorenson Engineering to make the following certification statement: "Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation [or pretreatment standard] for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the Toxic Organic Management Plan (TOMP) submitted to the District. This statement is to be included as a comment with each Self Monitoring Report required by this permit. If monitoring is necessary to measure compliance with the TTO standard, the industrial discharger shall analyze for only those pollutants which would reasonably be expected to be present.

F. Notification of Process Changes: Sorenson Engineering, Inc. is required to notify the District, in writing, at least 30 days in advance, of any new connections or changes to existing discharges or other modifications which will alter the amount of or pollutant strength of any wastewater, which is discharged to the District's wastewater collection system.

G. Discharge Limitations: The Discharge Limitation Table on Page 4 contains limits for both federal and local limitations. Certain constituents may also contain daily and monthly average limitations. **The most stringent value between the federal limit and local limit shall apply to the discharge. (The lowest concentration is bolded and in Italic).** Additionally, if more than 1 sample is collected during a calendar month, each sample must comply with the daily maximum and the arithmetic mean of all collected samples will be compared against the monthly average. Please note, that if only one sample is collected in a calendar month, the single sample also represents the "monthly average" and will be evaluated against that limitation as well.

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DISCHARGE LIMITATION TABLE				
Sample Point, (Location 002) Maximum Assigned Flow 8,000	**Categorical Limit 40 CFR Part 433.17 (PSNS) (mg/L)**		**Local Limit (mg/L)**	**Local Limit (lbs)**
Pollutant	**Daily Maximum**	**Monthly Average**	**Daily Maximum**	
pH *(See note 1 at the bottom of the page)*	--	--	***5.0 – 11.0***	**N/A**
Biochemical Oxygen Demand-5 Day (BOD)	--	--	2500	
Bis (2-Ethylhexyl Phthalate)			0.013	
Total Suspended Solids (TSS)	--	--	2500	
Total Dissolved Solids (TDS)	--	--	***WS Plus 400***	***45.0 lb**
Ammonia-Nitrogen	--	--	50	
Arsenic			1.9	
Boron (B)	--	--	WS Plus 1.0	
Cadmium (Cd), Total	0.11	***0.07***	**** 0.1***	
Chromium (Cr), Total	2.77	1.71	****1.7***	
Copper (Cu), Total	3.38	2.07	****0.7***	
Cyanide (CN), Total	1.20	0.65	****0.3***	
Dissolved Sulfides (SO_3^-)	--	--	0.1	
Lead (Pb) Total	0.69	0.43	****0.2***	
Mercury (Hg) Monitor Only	--	--	0.01	
Molybdenum			0.7	
Nickel (Ni)	3.98	2.38	****2.3***	
Oil/Grease (Total)	--	--	500	
Oil/Grease (Total Petroleum Hydrocarbons)			****100***	
Selenium (Se) Total	--	--	0.1	
Silver (Ag) Total	0.43	0.24	**** 0.1***	
Total Toxic Organics (TTO)	****2.13***	--	0.58	
Zinc (Zn) Total	****2.61***	****1.48***	7.2	

Note 1: pH equals the negative log of the hydrogen ion concentration (-log [H^+]).
Note 2: TDS limit is a "floating" or variable limit based upon an incremental amount over the potable water supply. The increment allowed over the potable concentration is 400 mg/L. Therefore, a potable sample must be taken at the same time as the wastewater sample for comparison purposes. BOD and TSS limits shown are the maximum concentration allowed.
Note 3: * Industry's permitted limits for compliance purposes.

The term TTO shall mean Total Toxic Organics. Industrial user needs to analyze only for those pollutants, which would reasonably be expected to be present above 0.01 mg/L.

Acenaphthene	**Acrolein**
Acrylonitrile	**Benzene**
Benzidine	**Carbon tetrachloride**
Chlorobenzene	**1,2,4-trichlorobenzene**
Hexachlorobenzene	**1,2-dichloroethane**
1,1,1-trichloreothane Hexachloroethane	**1,1-dichloroethane**
1,1,2-trichloroethane	**1,1,2,2-tetrachloroethane**
Chloroethane	**Bis (2-chloroethyl) ether**
2-chloroethyl vinyl ethers	**2-chloronaphthalene**
2,4,6-trichlorophenol	**Parachlorometa cresol**
Chloroform	**2-chlorophenol**
1,2-dichlorobenzene	**1,3-dichlorobenzene**
1,4-dichlorobenzene	**3,3-dichlorobenzidine**
2,4-dichlorophenol	**1,2-dichloropropane**
1,2-dichloropropylene	**2,4-dimethylphenol**
2,4-dinitrotoluene	**2,6-dinitrotoluene**
1,2-diphenylhydrazine	**1,1 -dichloroethylene**
1,2-trans-dichloroethylene	**Ethylbenzene**
Fluoranthene	**4-chlorophenyl phenyl ether**
4-bromophenyl phenyl ether	**Bis(2-chloroisopropyl) ether**
Bis(2-chloroethoxy)methane	**Methylene chloride**
Methyl chloride	**Methyl bromide**
Bromoform	**Dichlorobromomethane**
Chlorodibromomethane	**Hexachlorobutadiene**
Hexachlorocyclopentadiene	**Isophorone**
Naphthalene	**Nitrobenzene**
2-nitrophenol	**4-nitrophenol**
2,4-dinitrophenol	**4,6-dinitro-o-cresol**
N-nitrosodimethylamine	**N-nitrosodiphenylamine**
N-nitrosodi-n-propylamine	**Pentachlorophenol**
Phenol	**Bis(2-ethylhexyl) phthalate**
Butyl benzyl phthalate	**Di-N-Butyl Phthalate**
Di-n-octyl phthalate	**Diethyl Phthalate**
Dimethyl phthalate	**Benzo(a) anthracene**
Benzo(a)pyrene	**Benzo(b) fluoranthene**

Benzo(b) fluoranthene	**Chrysene**
Acenaphthylene	**Anthracene**
Benzo(ghi) perylene	**Fluorene**
Phenanthrene	**Dibenzo(,h) anthracene**
Indeno (1,2,3-cd) pyrene	**Pyrene**
Tetrachloroethylene	**Toluene**
Trichloroethylene	**Vinyl chloride**
Aldrin	**Dieldrin**
Chlordane	**4,4-DDT**
4,4-DDE	**4,4-DDD**
Alpha-endosulfan	**Beta-endosulfan**
Endosulfan sulfate	**Endrin**
Endrin aldehyde	**Heptachlor**
Heptachlor epoxide	**Alpha-BHC**
Beta-BHC	**Gamma-BHC**
Delta-BHC	**PCB–1242**
PCB–1254	**PCB–1221**
PCB–1232	**PCB–1248**
PCB–1260	**PCB–1016**
Toxaphene	**2,3,7,8-TCDD**

PART 2 – MONITORING REQUIREMENTS

A. General Monitoring Requirements: From the period beginning on the effective date of the permit until midnight on November 6, 2013, the permittee shall monitor the wastewater to be discharged to the District's Wastewater collection system at the indicated frequency, for the following pollutants, at Sample Location 001 and 002[1]. **All required *Semi-Annual Monitoring*** shall be completed during the **FIRST MONTH OF THE SECOND and FOURTH QUARTERS of the Year (April, and October),** to ensure the reporting requirements are met.

MONITORED	FREQUENCY	SAMPLE TYPE
Flow	Batch	Flow Meter
Ammonia Nitrogen (NH_3-N)	Not required	
Arsenic	Not required	
Bis (2-Ethylhexyl) Phthalate)	Not required	
Biochemical Oxygen Demand (BOD)	Not required	
Boron (B)	Not required	
Cadmium (Cd)	***Semi-Annual***	***Grab***
Chromium (Cr)	***Semi-Annual***	***Grab***
Copper (Cu)	***Semi-Annual***	***Grab***
Cyanide (CN)	***Semi-Annual***	***Grab***
Dissolved Sulfides	Not required	Grab
Fluoride (F)	***Semi-Annual***	***Grab***
Lead (Pb)	***Semi-Annual***	***Grab***
Mercury (Hg)	Not required	
Molybdenum	Not required	
Nickel (Ni)	***Semi-Annual***	***Grab***
Oil & Grease (Total)	Not required	Grab
Oil & Grease (Total Petroleum Hydrocarbons)	***Semi-Annual***	
pH	***Continuous/Meter***	***Grab***
Selenium (Se)	Not required	
Silver (Ag)	***Semi-Annual***	***Grab***
Total Dissolved Solids (TDS)	***Semi-Annual***	***Grab***
Total Suspended Solids	Not required	Grab
Total Toxic Organics	***Semi-Annual***[2]	***Grab***
Zinc (Zn)	***Semi-Annual***	***Grab***

1. **See Part 2-C, Sample Location (Page 6)**
2. **Sampling may be waived in accordance with Part 1 – Discharge Requirements Section D and E of this Permit**

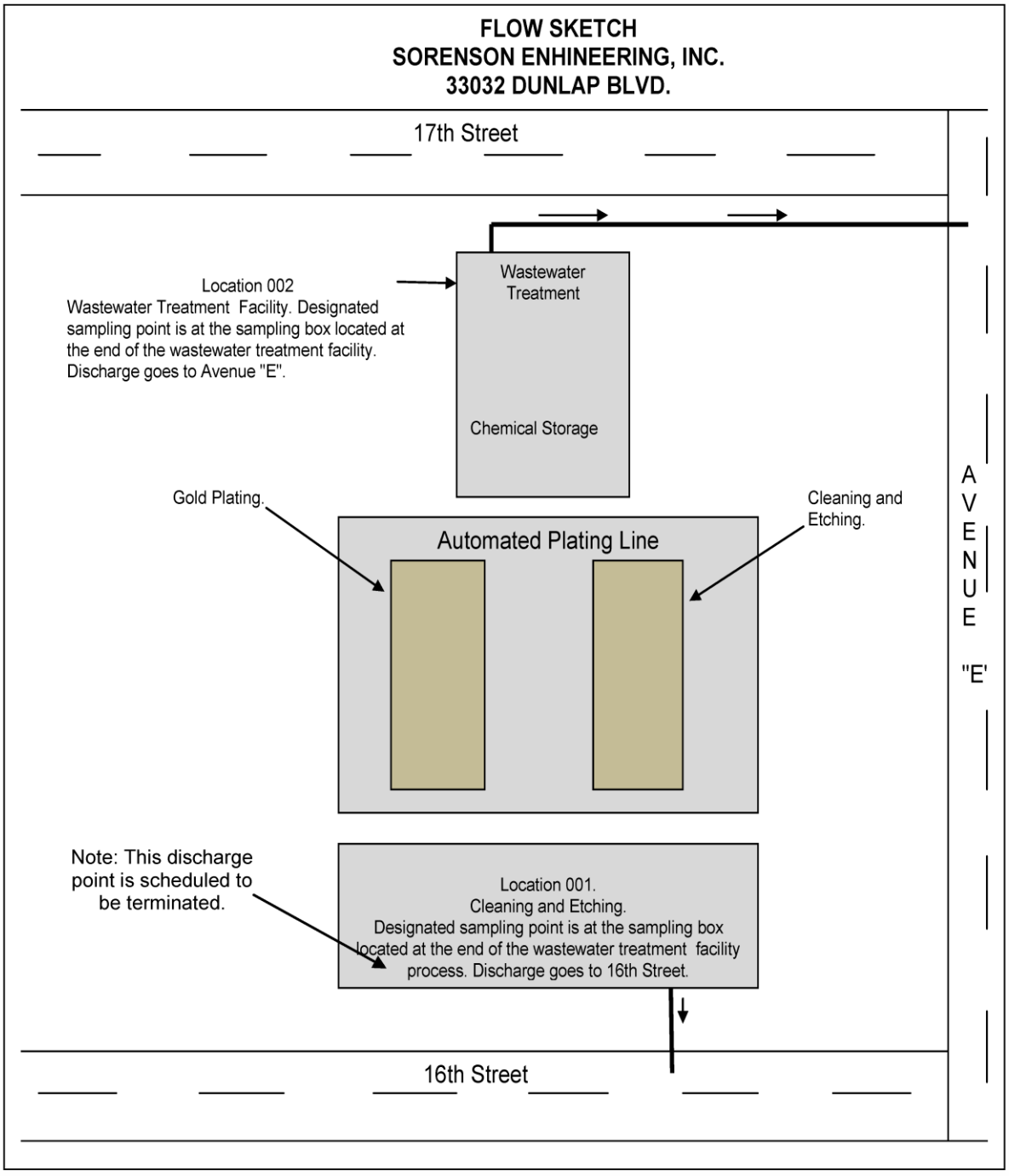
B. Additional Monitoring Requirements: All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with **40 CFR, Part 136**, and amendments thereto unless specified otherwise in the monitoring conditions of this permit. **Self monitoring results for the *Semi-Annual* shall be submitted to the District prior to the last day of the second month of the Second and Fourth Quarters of the Year (May and November). *Annual* self monitoring results shall be submitted prior to the last day of the second month of the second quarter (May).** A Self Monitoring Report Form shall accompany each submittal of sample Results. See Part 3 – Reporting for more details on the Self-Monitoring Report (SMR) form.

C. Monitoring Location: Self-Monitoring of industrial wastewater shall be conducted at the Sample Locations 001 and/or 002 (shown below). Compliance with all Categorical limits and Local limits in this permit will be determined at Sample Location 001 and/or 002 only.

D. Sample point No. 001: Sample point will be discontinued when Sorenson has completed the installation of their proposed facility that will replace the existing chemical deburring line with a new chemical deburring line. In addition, a new gold plating line will be installed. A new wastewater treatment system will be installed to treat the industrial wastewater flows from the new metal finishing lines. The existing lines and wastewater treatment system will operate simultaneously with the new equipment until the new equipment is fully operational. At that time sample point 001 will be permanently terminated and all samples will be taken from sample point 002. When there is a discharge through both sample points 001 and 002 compliance samples shall be taken from both streams.

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Note: List of chemicals is on file.

PART 3 - REPORTING REQUIREMENTS

A. Permittee's Self-Monitoring Reports (40 CFR Part 403.12 (e)): All required monitoring results shall be summarized and reported on the District's Dischargers Self Monitoring Report Form provided by the District. This report form shall indicate the compliance status and concentration and/or mass value of all pollutants in the wastewater for which sampling and analysis were performed. The Monitoring Report Form includes the following:

1. **Certified Laboratory Report**
2. **Signed Certified Statement Form**

All applications, reports, or information submitted to the District must include a **Signed Certified Statement.**

All required ***Semi-Annual and Annual*** monitoring reports shall be submitted to the District no later than the last day of the **Second Month of each Quarter of the Calendar Year (May, and November)**. Failure to submit the required Reporting Forms shall result in the permitted being in violation of their Discharge Permit. Any incomplete monitoring result shall be returned to the permitted for completion. If the monitoring results are not submitted within 45 days of the due date, the permitted shall be considered in Significant Noncompliance (SNC) and a Notice of Violation (NOV) will be issued.

B. Automatic Re-sampling (40 CFR Part 403.12 (g)(2)): If the results of the permitted wastewater analysis indicate that a violation of this permit has occurred, the permitted must:

1. Inform the Yucaipa Valley Water District of the violation by telephone within 24 hours of receiving the results of the analysis indicating a violation has occurred.
2. Repeat the sampling and constituent analysis and submit, in writing, the results of this repeat analysis within 30 days of the first violation.

C. Accidental Discharge Report (40 CFR Part 403.8(f)(2)(v)(C)): The permittee shall notify the Yucaipa Valley Water District immediately upon the occurrence of any accidental discharge of substances prohibited by the District's Sewer Use Ordinance or any upsets, bypass, slug loads or spills that occur at the facility identified in this permit and may enter the public sewer. During normal business hours the Yucaipa Valley Water District's Wochholz Regional Water Recycling Facility should be notified by telephone at **(909) 795-2491**. The notification shall include the location of the discharge, date and time of the discharge, and the type of waste, including concentration, volume and corrective actions taken. The permittee's notification of accidental discharges in accordance with this section does not relieve the permittee of other reporting requirements that arise under local, State, or Federal laws.

Within five days following an accidental discharge, the permitted shall submit to the Yucaipa Valley Water District, a detailed written report. The report shall specify:

1. Description and cause of the accidental discharge and the impact of the incident on the permitted compliance status. The description should also include location of discharge, type, concentration and volume of waste.
2. Duration of noncompliance, including exact dates and times of noncompliance and the time when compliance is expected to be achieved.

3. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such conditions of slug load, accidental discharge or other noncompliance events.

D. **Material Safety Data Sheets:** The permittee shall maintain copies of Material Safety Data Sheets (MSDS) for all chemicals used in association with the manufacturing process pursuant to **40 CFR Part 403.8(f)(2)(v)(B)**. If hazardous materials are used in the manufacturing process, secure storage with secondary containment must be provided for those materials. If the permittee generates substances listed as toxic under **Section 307 (a) (1) of the Clean Water Act**; permittee must follow Federal regulatory guidelines for the disposal of those substances. Secure storage with secondary containment must be provided with no possible access to the sewer. Storage of the wastes shall not exceed 90 days and transportation of the wastes shall be by a licensed carrier to a licensed disposal facility. Copies of all shipping manifests and disposal receipts for hazardous materials shipped offsite shall be available for the District to review.

E. **Report Submittal:** All reports required by this permit shall be submitted to: **Yucaipa Valley Water District, P.O. Box 730, Yucaipa, CA 92399-0730, Attention: Environmental Control Department**.

PART 4- SPECIAL CONDITIONS

A. **Reopener Clause (40 CFR Part 122.62):**

1. This permit may be reopened and modified to incorporate any new or revised requirement contained in a national categorical pretreatment standard promulgated for the industrial category covered by this permit.

2. This permit may be reopened and modified to incorporate any new or revised requirements resulting from the Yucaipa Valley Water District reevaluation of its local limits.

3. This permit may be reopened and modified to incorporate any new or revised requirements developed by the Yucaipa Valley Water District as are necessary to ensure POTW compliance with applicable biomass management requirements promulgated by Federal Regulations in 40 CFR Part 503.

4. **Industrial User shall submit an updated Slug Discharge Management Plan (SDMP) and Toxic Organic Management (TOMP) by December 22, 2011.**

5. SLUG DISCHARGE MANAGEMENT PLAN (SDMP)

The General Manger may require any User to develop and implement a Slug Discharge Management Plan (SDMP). Where deemed necessary by the General Manager, facilities to prevent accidental discharge or slug discharges of pollutants shall be provided and maintained at the User's cost and expense. A SDMP showing facilities and operation procedures to provide this protection shall be submitted to the General Manger for review and approval before implementation. The General Manager shall determine which User is required to develop an SDMP and require said plan to be submitted within a

time period that will be included in the User's industrial user discharge permit. Each User shall implement its SDMP as submitted or modified after such plan has been reviewed and approved by the General Manager. Review and approval of such plans and operation procedures by the General Manager shall not relieve the User from the responsibility to modify its facility as necessary to meet the requirements of this chapter.

A. Any User required to develop and implement an SDMP shall submit a plan which addresses, at a minimum, the following:

1. Description of discharge practices, including non-routine batch discharges.

2. Description of stored chemicals.

3. Procedures for immediately notifying the POTW of any accidental or slug discharge. Such notification must also be given for any discharge which would violate any of the standards set forth in this chapter and any local, state or federal regulations.

4. Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic chemicals (including solvents), and/or measures and equipment for emergency response.

PART 5 - STANDARD CONDITIONS

A. General Conditions and Definitions

1. **Severability (40 CFR Part 122.62):** The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

2. **Duty to comply (40 CFR Part 122.41(a)):** The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action or enforcement proceedings, including civil or criminal penalties, injunctive relief, and summary abatements.

3. **Duty to Mitigate:** The permittee shall take all reasonable steps to minimize or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this permit.

4. **Permit Modification:** This permit may be modified for good cause including, but not

limited to the following:

a. To incorporate any new or revised Federal, State or local pretreatment standards or requirements.

b. Material or substantial alterations or additions to the discharger's operation processes, or discharge volume or character which were not considered in drafting the effective permit.

c. A change in any condition in either the permitted or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge.

d. Information indicating that the permittee's discharge poses a threat to the Yucaipa Valley Water District's collection and treatment systems, POTW personnel or the receiving waters.

e. To correct typographical or other errors in the permit.

f. Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws or rules and regulations.

The filing of a request by the permitted for a permit modification, revocation, and reissuance or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. **Permit Termination (40 CFR Part 122.64):** This permit may be terminated for the following reasons:

a. Falsifying self-monitoring reports.

b. Tampering with monitoring equipment.

c. Refusing to allow timely access to the facility premises and records.

d. Failure to meet discharge limitations.

e. Violation of any terms or conditions of this permit.

f. Failure to pay fines or permit fees.

g. Failure to pay sewer charges.

6. **Permit Appeals:** The permittee may petition to appeal the terms of this permit within ten (10) days of issue date.

The petition must be in writing, sent certified mail, return receipt requested. Failure to submit a petition for review shall be deemed to be a waiver of that appeal. If an appeal is submitted, the permitted must indicate in the appeal, the permit provisions objected to, the reasons for the objection(s), and the alternative condition(s), if any, the permitted seeks to be placed in the permit.

If the Board of Directors of the District consents to consider an appeal by the permittee, the effectiveness of this permit shall not be stayed during the appeal process. If after considering the petition and any arguments put forth by the General Manager, the Board determines that reconsideration of this permit is proper; the Board shall remand the permit back to the General Manager for reissuance. Those permit provisions being reconsidered by the General Manager at the direction of the Board shall be stayed pending reissuance of the permit.

A decision by the District's Board of Directors that refuses to reconsider an issued permit shall be considered final administrative action for purposes of judicial review. The permittee seeking judicial review of a final action by the Board must do so by filing a complaint in the Superior Court of the Counties of Riverside or San Bernardino within thirty (30) days.

7. **Property Rights (40 CFR Part 122.5(b) (c)):** The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of Federal, State, or local laws or regulations.

8. **Permit Transfers:** Permits may not be reassigned or transferred to a new owner or operator. Upon transfer of ownership, written notice to the District must be provided, and a new permit application submitted by the new owner to the District at least 60 days prior to transfer of ownership.

9. **Continuation of Expired Permits (40 CFR Part 122.6):** An expired permit will continue to be effective and enforceable until a new permit is issued if:

   a. The permittee has submitted a complete permit application at least ninety (90) days prior to the expiration date of the existing permit.

   b. The failure to reissue the permit, prior to the expiration of the previous permit, is not due to any act or failure to act on the part of the permitted.

10. **Dilution (40 CFR Part 433.15(c)):** The permittee shall not increase the use of potable or process water or, in any way; attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

11. **Definitions:**

   a. **Daily Maximum** - The maximum allowable discharge of a constituent during a calendar day where daily limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limitations are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the constituent concentration derived from all measurements taken during that day.

   b. **Composite Sample** - A sample that is collected over time formed by either continuous sampling or by mixing discreet samples. The samples can either be a time composite or a flow proportional composite sample.

   c. **Grab Sample** - An individual sample collected in less than 15 minutes, without regard for flow or time.

   d. **Instantaneous Maximum Concentration** - The maximum concentration allowed in any single grab sample.

   e. **Cooling Water** - (1) Uncontaminated: Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water. (2) Contaminated: Water used for cooling purposes only which may become contaminated either through the addition of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.

f. **Monthly Average** - The arithmetic mean of the values for effluent samples collected during a calendar month or specified 30-day period (as opposed to a rolling 30 day Window).

g. **Weekly Average** - The arithmetic mean of the values for effluent samples collected over a period of seven consecutive days.

h. **Bi-Weekly** - Once every other week

i. **Bi-Monthly** - Once every other month

j. **Bi-annually** - Once every other year

k. **Semi-annually** - Once every six months

l. **Bypass** - Means the intentional diversion of waste streams from any portion of a treatment facility: **40 CFR Part 403.17(a)(1)**

m. **Upset** - Means an exceptional incident in which there is unintentional and temporary noncompliance with categorical Pretreatment standards because of factors beyond the reasonable control of the Industrial User.

12. **General Prohibitive Standards**: The permittee shall comply with all the general prohibitive discharge standards in Federal regulations **40 CFR Part 403.5 (b) (1-8)** namely the permittee shall not discharge wastewater to the District's wastewater collection system:

a. Having a temperature higher than 104 degrees F. (40 degrees C.);
b. Containing more than 100 PPM by weight of fats, oils, and grease;
c. Containing any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquids, solids, or gases; and in no case substances with a closed cup flashpoint of less than one hundred forty degrees F. (60 degrees C.);
d. Containing any garbage that has not been ground by household type or other suitable garbage grinders;
e. Containing any ashes, cinders, sand, mud, straw, shavings, metal, glass, feathers, tar, plastics, wood, paunch manure, or any other solids or viscous substances capable of causing obstructions or other interference with proper operation of the wastewater collection system;
f. Having a pH lower than 5.0 or higher than 12.5, or having any other corrosive property capable of causing damage or hazards to structures, equipment or personnel of the wastewater collection system;
g. Containing toxic or poisonous substances in sufficient quantity to injure or to interfere with any wastewater treatment process, to constitute hazards to humans or animals, or to create any hazard in receiving waters for the effluent from the sewer system treatment plant. Toxic wastes shall include, but are not limited to wastes containing cyanide, chromium, cadmium, mercury, copper, and nickel ions;
h. Containing noxious or malodorous gases or substances capable of creating a public nuisance; including pollutants which result in the presence of toxic gases, vapors, or fumes;
i. Containing solids of such character and quantity that special and unusual attention is required for their handling;
j. Containing any substance which may affect the treatment plant's effluent and cause violation of NPDES Permit No.CA0105619 requirements;
k. Containing any substance which would cause the treatment plant to be in

noncompliance with sludge use, recycle or disposal criteria pursuant to guidelines or regulations developed under section 405 of the Clean Water Act, the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substance Control Act or other regulations or criteria for sludge management and disposal as required by the State.

l. Containing color which is not removed in the treatment process;

m. Containing any medical or infectious wastes;

n. Containing any radioactive wastes or isotopes; or

o. Containing any pollutant including BOD pollutants released at a flow rate and/or concentration that would cause interference with the treatment plant operation.

B. Operation and Maintenance of Pollution Controls

1. **Proper Operation and Maintenance (40 CFR Part 122.41(e)):** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate QA procedures.

2. **Duty to halt or Reduce Activity (40 CFR Part 122.41(1) (a) (2)):** Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with this permit, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity, in order to maintain compliance with the conditions of this permit.

3. **Removed Substances (40 CFR Part 122.41(2)):** Solids, sludge's, filter backwash, or other substances removed in the course of treatment or control of wastewaters shall not be disposed of in the sewer. They shall be disposed of in accordance with **Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act.**

C. Monitoring and Records

1. **Representative Sampling (40 CFR Part 403.12 (g)):** Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified before the effluent joins or is diluted by any other waste stream, body of water or substance. All equipment used for sampling and analysis must be routinely calibrated, inspected and maintained to ensure the accuracy of that equipment. Monitoring points shall not be changed without notification to and the approval of the Yucaipa Valley Water District.

2. **Flow Measurements (40 CFR Part 403.12 (b) (4)):** Flow measurement is required by this permit. The appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of volume of monitored discharges. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10 per cent from true discharge rates throughout the range of expected discharge volumes.

3. **Analytical Methods:** All sampling and analysis required by this permit shall be performed in accordance with **40 CFR Part 136** and amendments thereto, unless otherwise approved by EPA, or as specified in this permit

4. **Additional Monitoring (40 CFR Part 403.12 (g) (6)):** If the permittee monitors any constituent more frequently than required by this permit, using test procedures identified above in section C 3, the results of this monitoring shall be included in the permitted self monitoring reports.

5. **Inspection and Entry (40 CFR Part 403.8 (f) (1) (v)):** The permittee shall allow the Yucaipa Valley Water District, or an authorized representative, upon request, reasonable access to:

   a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit.
   b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
   c. Inspect, at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required by this permit.
   d. Sample or monitor, for the purpose of assuring permit compliance, any substances or parameters at any location.

6. **Retention of Records (40 CFR Part 403.12 (o) (2)):**

   a. The permittee shall retain records of all monitoring information, including copies of all reports required by this permit. Records of all data including strip chart recordings and all information used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Yucaipa Valley Water District at anytime.

   b. All records that pertain to matters that are the subject of special orders or any other enforcement, or litigation activities brought by the Yucaipa Valley Water District, shall be retained and preserved by the permittee until all enforcement activities have concluded, and all periods of limitation with respect to any and all appeals have expired.

7. **Record Contents (40 CFR Part 403.12 (o)):** Records of sampling and analysis shall include:

   a. The date, exact place, time, and methods of sampling or measurements, and sample preservation techniques or procedures;

   b. The name of person or persons who performed the sampling or measurements;

   c. The date(s) analyses were performed;

   d. The name of the analytical laboratory and person who performed the analyses;

   e. The analytical methods used; and

   f. Copies of the results (lab reports) of the analyses.

8. **Falsifying Information (40 CFR Part 122.41 and Part 403.12(n) (1-3)):** knowingly making any false statement on any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate, is a crime and may result in the imposition of criminal sanctions and/or civil penalties.

D. Additional Reporting Requirements

1. **Anticipated Noncompliance:** The permittee shall give advance notice to the Yucaipa Valley Water District of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.
2. **Automatic Re-sampling (40 CFR Part 403.12(g) (2)):** If the results of the permitted wastewater analysis indicate a violation has occurred, the permittee must notify the Yucaipa Valley Water District within 24 hours of becoming aware of the violation and repeat the sampling and analysis and submit, in writing, the results of this repeat analysis within 30 days after becoming aware of the original violation.
3. **Duty to provide Information (40 CFR Part 403.8):** The permittee shall furnish to the Yucaipa Valley Water District, within three (3) working days any information which the Yucaipa Valley Water District may request to determine whether cause exists for modifying, revoking and reissuing, or terminating, or determining compliance with this permit. The permittee shall also, upon request, furnish to Yucaipa Valley Water District within three (3) working days copies of any records required to be kept by this permit.
4. **Signatory Requirements (40 CFR Part 403.12(l)):** All applications, reports, or information submitted to the Yucaipa Valley Water District must contain the following certification statement, and be signed as required in Sections (a), (b), or (c) below:

> "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations".

a. By a responsible corporate officer, if the permittee submitting the report is a corporation. For the purpose of this paragraph, a responsible corporate officer means:

i. A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any person who performs similar policy or decision making functions for the corporation, or

ii. The manager if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

b. By a general partner or proprietor if the permitted submitting the reports is a partnership or sole proprietorship respectively.

c. By a duly authorized representative if;

i. The authorization is made in writing by the individual described in paragraph (a) or (b).

ii. The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the discharge originates, or

having overall responsibility for environmental matters for the discharger.

iii. The written authorization is submitted to the District.

d. If an authorization under paragraph (a), (b), or (c) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the permitted, a new authorization satisfying the requirements of paragraph (c) of this section must be submitted to the District prior to or together with any reports to be signed by an authorized representative.

5. **Annual Publication (40 CFR Part 403.8(f)(2)(viii)(A-H)):** In March of each year, the District shall publish in the newspaper with the largest daily circulation in the Yucaipa Valley Water District, a list of all Industrial Users that have been in Significant Noncompliance with applicable Pretreatment Standards or requirements during the previous year. Accordingly, the permittee is apprised that noncompliance with this permit may lead to an enforcement action and may result in publication of its name in an appropriate newspaper in accordance with this section.

6. **Civil and Criminal Liability (40 CFR Part 403.8(f) (2) (5)):** Nothing in this permit shall be construed to relieve the permittee from civil and/or criminal penalties for noncompliance under or State or Federal laws or regulations.

7. **Penalties for Violations of Permit Conditions: (40 CFR Part 122.41(2)):** Yucaipa Valley Water District's **Sewer Use Ordinance** provides that any person who violates a permit condition may be subject to a civil penalty of up to $25,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions is subject to criminal penalties of a fine up to $250.00 per day per violation, or a fine of up to $1,000.00 or imprisonment up to six months in jail or both for second convictions.

8. **Recovery of Costs Incurred:** In addition to civil and criminal liability, the permittee who violates any provision of this permit resulting in damage to or otherwise inhibiting Yucaipa Valley Water District's wastewater collection system, shall be liable to the District for any expense, loss, or damage caused by the violation or discharge. The Yucaipa Valley Water District shall bill the permittee for the costs incurred by the District for any cleaning, repair, or replacement work caused by the non-compliance. The reimbursement shall also include any fines or penalties levied against the District resulting from the violation or discharge. Refusal to pay the assessed costs shall constitute a separate violation of the District's **Sewer Use Ordinance.**

E. Enforcement

1. **Notice of Violation:** Any permittee found to be in violation of any permit condition, discharge requirement, reporting requirement, or any provision of the District's **Sewer Use Ordinance** may be issued a written Notice of Violation. The Notice shall state the nature of the violation and the penalties for continued non-compliance. If required by the notice, the violator shall submit to the District, within a prescribed period specified in the notice, a plan of return to full compliance pursuant to the District's **Sewer Use Ordinance.**

2. **Administrative Complaint:** The Manager may issue an Administrative Complaint to any user who violates any permit condition or requirement, a Notice of Violation or any section of the District's **Sewer Use Ordinance.**

a. The Administrative Complaint shall allege the act or failure to act that constitutes the violation, the provisions of law authorizing the imposition of Civil Liability, and the Civil Penalty proposed.

b. The Administrative Complaint shall be served by personal delivery or certified mail and shall give notice to the recipient of a hearing to be conducted within sixty (60) days from the date of service.

3. **Administrative Hearing:** The Hearing shall be before a hearing officer designated by the Board of Directors of the Yucaipa Valley Water District.

a. The defendant of an Administrative Complaint may waive the right to a hearing, in which case no hearing shall be held.

b. A defendant in an Administrative Hearing wishing to appeal a decision of the Hearing Officer may do so to the Board of Directors of the District within thirty (30) days of notice of the Hearing Officer's decision.

c. If after a hearing or appeal, if any, it is found in fact there has been a violation of reporting requirements, discharge requirements, the Hearing Officer or the Board of Directors may assess a Civil Penalty against the defendant.

d. In determining the amount of a Civil Penalty, the Hearing Officer or Board of Directors may consider all relevant circumstances including, but not limited to, the extent of harm caused by the violation, the economic benefit derived through any non-compliance, the nature and persistence of the violation, and the corrective actions, if any, attempted or taken by the discharger.

4. **Civil Penalties:**

a. Fines not to exceed $2,000.00 for each day of failure or refusal to furnish technical or self-monitoring reports, [**Government Code, Section 54740.5(d)(1)**];

b. Fines not exceeding $3,000.00 for each day for failure or refusal to timely comply with any compliance schedule established by the District, [**Government Code, Section 54740.5(d)(2)**];

c. Fines not to exceed $5,000.00 per violation for each day for discharges in violation of any discharge limitation, permit condition, or requirement issued, reissued or adopted by the District, [**Government Code, Section 54740.5(d)(3)**];

d. Fines not exceeding $10.00 per gallon for discharges in violation of any suspension, cease and desist order, other orders or prohibitions issued, reissued or adopted by the Manager of the Yucaipa Valley Water District, [**Government Code, Section 54740.5(d)(4)**].

e. Unless appealed, orders setting administrative Civil Penalties shall become effective and final upon issuance thereof, and payment shall be made within thirty (30) days. Copies of the orders shall be served by personal service or by registered mail upon the parties served with the Administrative Complaint and to other persons who appeared at the hearing and requested a copy.

f. All monies collected under these penalties shall be deposited in a special account of the District and shall be made available for the monitoring, treatment and control of harmful discharges into the POTW or for other mitigation measures.

g. The amount of any Civil Fines imposed as a result of the Administrative Hearing

process, which remain delinquent for a period of sixty (60) force, effect and priority of a judgment lien and continue for ten (10) years from the time of recording unless sooner released, and shall be renewable in accordance with the provisions of Sections 683.110 to 683.220, inclusive, of the Code of Civil Procedure

5. **Judicial Review:** ORDINANCE NO. 54-2009, ARTICLE 10, SECTION 10.02.2

6. **Civil Liability for Violation:** ORDINANCE NO. 54-2009, ARTICLE 10, SECTION 10.03

7. **Emergency termination of Service:** ORDINANCE NO. 54-2009, ARTICLE 10, SECTION 10.04

8. **Annual Public Notice of SNC:** In March of each year, the District shall publish in the newspaper with the largest daily circulation in the Yucaipa Valley Water District a list of all industrial users that have been in significant non-compliance with applicable pretreatment standards or requirements during the previous year.

9. **Supplemental Enforcement Actions:** ORDINANCE NO. 54-2009, ARTICLE 10, SECTION 10.06

10. **Remedies Non-exclusive:** The remedies provided for in this section are not exclusive. The District may take any, all, or any combination of these actions against the non-compliant user. Enforcement of industrial waste discharge limit violations, other permit conditions, sampling requirements or self-monitoring reporting, will generally be in accordance with the District's Enforcement Response Plan. However, the Manager may take other action against any user when the circumstances warrant. Further, the Manager is empowered to take more than one enforcement action against any non-compliant user.

11. **Criminal Penalties:**

    a. A user who willfully or negligently violates any provision of a discharge permit, or any other pretreatment standard or requirement shall, upon conviction, be guilty of an infraction, punishable by a fine of not more than $250.00 per violation, per day.

    b. Any user who willfully or negligently introduces any substance into the POTW which causes personal injury or property damage shall, upon conviction, be guilty of an infraction and be subject to a penalty of at least $250.00 per violation per day. This penalty shall be in addition to any other cause of action for personal injury or property damage available under State Law.

    c. Any user who knowingly makes any false statements, representations or certifications in any application, record, report, plan or other documentation filed or required to be maintained pursuant to a discharge permit, or falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under that permit shall, upon conviction, be guilty of an infraction, punishable by a fine of not more than $250.00 per violation per day

    d. Payment of any penalty required in this section shall not relieve a user from responsibility for correcting the violation and reimbursing the District for all costs and expenses associated with all corrections including any fines and/or penalties incurred by the District as a result of the violation.

    e. Second Convictions: In the event of a second conviction, a user shall, upon conviction, be guilty of a misdemeanor, punishable by a fine not exceeding

$1,000.00 or six (6) months in jail, or both.

PART 6 - COMPLIANCE TIME SCHEDULES

A. Compliance Time Schedule Progress Reports When required, Compliance Time Schedule progress reports shall be submitted at a minimum frequency of every 30 days until compliance with discharge requirements or the District's Sewer Use Ordinance are obtained. These reports shall contain dates for pretreatment equipment design completion, building permit submittal date, construction starting date, construction updates, construction completion date, employee training completion date, date of achieving final compliance, and/or any other required information. Samples may be required to be collected to demonstrate compliance. The samples shall be collected in accordance with the requirements of this permit.

B. Compliance Schedule Reporting. No later than on the respective compliance schedule dates, the permitted shall submit to the District a report including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with the increment of progress, the reasons for delay, and the steps being taken to return the project to the schedule established. In no case shall any milestone in the compliance schedule exceed nine months.

C. Reports of Progress.

1. Sorenson Engineering, Inc. shall submit to the District, no later than the 15th of each month if required, a written Report of Progress. The Report of Progress shall state the probability of Sorenson Engineering, Inc. completing the work required for the upcoming compliance date.
2. If a Compliance Time Schedule milestone date cannot be met, Sorenson Engineering, Inc. shall notify the District **in Writing and Prior to** the expiration of the Compliance Time Schedule date to request an extension. The extension request shall describe the reason(s) for Sorenson Engineering's failure to comply and the additional amount of time required to complete the remaining work. Compliance Time Schedule date extensions will be granted at the reasonable discretion of The District.

Yucaipa Valley Water District

Workshop Memorandum 11-159

Date: **October 11, 2011**

Subject: **Implementation Riparian Habitat Monitoring in San Timoteo Creek**

The Yucaipa Valley Water District began discharging to San Timoteo Creek in 1986 and currently discharges approximately 3.5 mgd of tertiary treated recycled water to San Timoteo Creek. The riparian vegetation along San Timoteo Creek has been partially supported in part by discharge of highly treated recycled water.

In order to maximize the reuse of recycled water, the District was granted a "change of point of discharge" agreement from the State Water Resources Control Board permitting the reduction of the discharge from San Timoteo Creek. In order to reduce the flows to the creek, definitive mitigation measures need to be in place. Gradual reductions of the discharge along with an adaptive management plan are required to ensure the vegetation is not negatively impacted due to the reduction of recycled water flow. The table below represents the minimum 7-day average discharge reductions over five years allowable under the WW-26 permit.

12-Month Period Following the Month Order was Approved	Minimum 7-Day Average Discharge for the 12-Month Period
First	1.9 mgd (2.9 cfs)
Second	1.0 mgd (1.6 cfs)
Third	0.5 mgd (0.8 cfs)
Fourth	0.2 mgd (0.3 cfs)
Fifth	0.1 mgd (0.2 cfs)

In accordance with the results of a water use report prepared by SWCA Environmental Consultants in 2005, the District could reduce the discharge to 1.6 mgd to maintain the existing habitat in San Timoteo Creek. In order to validate the reduction to 1.6 million gallons per day, a habitat monitoring program will need to be in place and updated annually.

A Habitat Monitoring Program for San Timoteo Creek was developed that defines the adaptive management plan required before the discharges can be reduced from San Timoteo Creek. Components of the monitoring plan consist of vegetation analysis, aerial photo and groundwater monitoring. Costs associated with the Habitat Monitoring program are listed below.

Task Description	Cost Estimate
Subtask 1.1: Fall & Spring Quantitative Vegetation Monitoring	$25,200
Subtask 1.2: Aerial Photo Monitoring	$5,133
Subtask 2.1: Installation of Piezometers	$17,688
Subtask 2.2: Survey and Data Collection	$25,833
Subtask 2.3: Piezometer Construction Reports	$7,690
Task 3: Annual Monitoring Report	$13,920
Task 4: Access Coordination	$1,400
TOTAL	**$96,864**

The District staff recommends the approval of the attached scope of work to initiate the required studies in San Timoteo Creek.

DUDEK

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September 29, 2011 3163-16

Joseph Zoba
Yucaipa Valley Water District
12770 Second Street
Yucaipa, California 92399

Subject: ***Proposal to Implement the Non-Potable Water Distribution System Riparian Habitat Monitoring Program in San Timoteo Creek***

Dear Mr. Zoba:

Dudek is pleased to submit this proposal to implement the Habitat Monitoring Program (HMP) associated with the Non-Potable Water Distribution System Project in anticipation of the Yucaipa Valley Water District's phased reduction of tertiary-treated discharge to San Timoteo Creek in Fall 2012. The HMP is a long-term monitoring program designed to ensure the proposed reduction in discharge to San Timoteo Creek does not cause a decline in riparian habitat quality within downstream areas. In order to characterize the status of existing riparian habitat and groundwater prior to beginning the proposed discharge reductions, and to effectively monitor changes to riparian habitat quality in the creek, implementation of the HMP is scheduled to begin in Fall 2011 to allow the collection of at least one year of baseline monitoring data. In accordance with the Final EIR EIS for the Non-Potable Water Distribution System Project, the HMP will be implemented annually for a minimum of 10 years.

This scope of work is based on the *Habitat Monitoring Program for San Timoteo Creek* (Dudek 2005) that was approved by the U.S. Environmental Protection Agency (EPA) as part of the Non-Potable Water Distribution System Project. This scope of work includes the following tasks: (1) riparian habitat monitoring; (2) groundwater monitoring; (3) preparation of an annual monitoring report; and, (4) project coordination. This scope of work covers initiation and implementation of the first year of the HMP, and includes a number of cost items that are non-recurring (i.e., piezometer installation and survey, historical aerial photo interpretation, access coordination). The annual cost of implementing the HMP on an ongoing basis would be significantly less than the total cost estimated in this proposal for Year 1 of the HMP.

Mr. Joseph Zoba
Subject: Proposal to Implement the Non-Potable Water Distribution System Riparian Habitat Monitoring Program in San Timoteo Creek

SCOPE OF WORK

Task 1 Riparian Habitat Monitoring

As described in the HMP, the proposed monitoring program consists of three major components designed to detect potential changes (i.e., a decline) in annual riparian habitat conditions and groundwater levels caused by the proposed reduction in discharge to San Timoteo Creek. Quantitative vegetation monitoring and aerial photo monitoring are described below in Subtasks 1.1 and 1.2. Groundwater monitoring is described in Task 2.

Subtask 1.1 Quantitative Vegetation Monitoring

As described in the HMP, quantitative vegetation monitoring is proposed to occur twice annually in the spring and fall to assess the status of riparian vegetation communities after winter storm events (spring) and at peak vegetative growth immediately prior to the onset of winter dormancy in deciduous riparian vegetation (fall).

Quantitative vegetation monitoring will occur at three monitoring locations: immediately upstream of the existing discharge point, between the existing discharge point and the location of the secondary discharge proposed at Live Oak Canyon Road, and downstream of the proposed secondary discharge location. Dudek will utilize a before-after control-impact (BACI) monitoring design, or other appropriate methodology, to evaluate changes in downstream riparian conditions in comparison to upstream areas.

As described in the HMP, Dudek will use point-intersect transects to estimate the cover of riparian species present in the study area upstream and downstream of the current and proposed discharge locations. The proposed sampling design is based on the methodology evaluated by Dudek during a pilot study conducted within San Timoteo Creek in 2009. The pilot study consisted of 80-meter long transects spaced at 10-meter intervals running perpendicular to the direction of flow in the creek. Individual point-intercepts were sampled at approximately 4-meter intervals along each transect. Under this sampling design, individual points along the transect are treated as independent sampling units to maximize the ability to detect statistically significant change between monitoring stations. Sample size estimates based on the results of the pilot study indicated that sample sizes between 100 and 180 would be needed to detect a 10% change in riparian vegetation cover with 90% certainty and a 10% false-change error rate. Under this task, Dudek proposes to collect species cover data along 10, 80-meter long point-intercept transects consisting of 20 individual points (n = 200) spaced at 4-meter intervals within each monitoring station. Transects within each monitoring station will be spaced 10 meters apart and will be

oriented perpendicular to the direction of flow in the creek. This task assumes that 10 transects can be completed by a two-person team in a single day. Therefore, it is estimated that three field days by a two-person team (six person-days) will be required to complete the total number of transects required (30).

The estimated cost for Task 1.1 is $25,200, including direct costs. Direct costs are estimated to be $1,200 and include mileage, and meals.

Subtask 1.2 Aerial Photo Monitoring

The gross acreage of riparian vegetation within the study area will be measured annually through the interpretation of high resolution aerial imagery using the same methodology employed in the historical analysis of riparian vegetation described in the HMP. This involves an on-screen digitizing process to delineate vegetated and unvegetated areas within the San Timoteo Creek study area. The results of the on-screen digitizing process will be field checked during annual fall monitoring activities described in Subtask 1.1. For this task, Dudek proposes to acquire 6-inch spatial resolution color-infrared (CIR) orthophotographs based on a custom collection with the following specifications to ensure accurate and repeatable aerial imagery:

- 2 flight lines
- 6-inch spatial resolution CIR orthophotographs
- 8 CIR photos total
- 40% forward overlap
- 1:12,000 scale (flown 6000' above ground level)
- collected within 2 hours of solar noon
- Scanned at 2000 dpi

For Year 1 of the HMP, aerial photo monitoring will include analysis of historical aerial imagery from 2001 through 2010 to establish baseline conditions prior to the planned reduction of discharge in 2012. The estimated cost for Task 1.2 is $5,133 including direct costs associated with the acquisition of aerial imagery from Skyview Aerial Photo, Inc.

Task 2 Groundwater Monitoring

As part of the HMP, Dudek proposes to install three shallow piezometers to monitor groundwater elevations at the three proposed vegetation monitoring stations located along to San Timoteo Creek. Groundwater elevations will be measured one year prior to initiating the proposed reduction in discharge to San Timoteo Creek and subsequently for a minimum of 10

years after the project begins. As outlined in the HMP, certain adaptive management activities will be triggered by changes in groundwater elevations in the San Timoteo Creek study area.

Subtask 2.1 Installation of Piezometers

Dudek personnel will conduct an initial site visit of the proposed locations for the piezometers with YVWD staff and the drilling contractor to evaluate site conditions and rig accessibility. Dudek personnel will mark the proposed locations and contact Underground Services Alert prior to initiating drilling activities.

Three piezometers are proposed to be installed at the proposed vegetation monitoring stations adjacent to San Timoteo Creek. The piezometers will be installed using a limited access tracked direct-push rig, which allows access to remote and difficult terrain while minimizing the impact to native vegetation and ground surface. The following is a summary of the proposed construction of the piezometers:

- Total depth = 20 to 25 feet below land surface (ft bls) dictated by depth to water table.
- Casing material = 2-inch diameter flush-threaded schedule 40 PVC casing.
- Screen section is perforated with 0.020-inch slots.
- Screen interval = 15 ft bls to 20 ft bls.
- Filter pack = Monterey #3 sand (i.e. 8x16 sand).
- Top 3 feet backfilled with bentonite grout.
- Concrete surface seal, dimensions determined by county requirements.
- 6-inch diameter protective steel casing to house and protect piezometers and pressure transducers.

It is assumed that the proposed locations will be accessible to Dudek personnel and its sub-contractors during the project. It is assumed that soil cuttings generated during the installation of the piezometers may be left on site. It is assumed that any waste water generated during the installation of the piezometers may be discharged to land. Dudek will obtain well permits from San Bernardino County (where one piezometer is proposed to be installed) and from Riverside County (where the other two piezometers are proposed to be installed) prior to installing the piezometers.

The estimated cost for Subtask 2.1 is $16,889, including direct costs and drilling subcontractor. Direct costs are estimated to be $1,464 and include mileage, meals, and well permit fees. The drilling subcontractor cost is estimated to be $5,325.

Subtask 2.2 Survey and Data Collection for One Year of Monitoring

A survey will be conducted to mark the locations and elevations of the piezometers. The piezometers will be surveyed to the 1983 California State Plane Coordinate System for Zone 5 for San Bernardino County and Zone 6 for Riverside County. The elevations of the measuring points and land surface at each piezometer will be surveyed to the NAVD88 vertical datum. The accuracy of the vertical measurements will be ±0.01 foot. The points surveyed will meet GeoTracker requirements. It is assumed that the piezometer locations will be accessible to the survey crew.

Dudek has provided a cost estimate to equip each piezometer with a 15-psig Solinst Levelogger pressure transducer to measure and record water levels on an hourly basis for one year. A Solinst Barologger will also be installed to measure barometric pressure on an hourly basis for one year. Dudek personnel will conduct one-day site visits to download data from the pressure transducers and to manually measure depths-to-waters at the piezometers at a frequency of once per month for the first three months of data collection and then once per quarter for the next three quarters. This one year of data collection will establish the one-year period of groundwater monitoring prior to initiating the proposed net reduction of discharge to San Timoteo Creek. Data collected during this monitoring period will be compiled in a spreadsheet (e.g. Microsoft Excel) to maintain a running log of groundwater elevations at the San Timoteo Creek study area.

The estimated cost to survey the piezometers, equip each piezometer with pressure transducers, and collect groundwater elevation data during six site visits for one year is $25,488. This includes the cost for contracting the services of a private surveyor to survey the locations and elevations for each piezometer.

Dudek understands that YVWD may already have pressure transducers to dedicate to each piezometer and may have staff available to conduct site visits to manually measure depths-to-water and download data from the pressure transducers. If so, then an adjusted cost for Task 3.2 is provided that only includes labor hours for Dudek personnel to collect and compile water level data from YVWD staff. The adjusted cost for Task 2.2 is $11,751 assuming pressure transducers and site visits to download data and manually measure depths-to-water will be provided by the District (Exhibit B-2).

Task 3 Annual Monitoring Report

The results of riparian habitat monitoring and groundwater monitoring will be documented in an annual report to be submitted to the District by August 15, 2012. Dudek will prepare a draft

report for District review prior to submitting to the EPA and U.S. Fish and Wildlife Service (USFWS). The report will include a description of the project location and study area, a summary of monitoring methods and results, and a discussion of management recommendations. The report will include relevant exhibits to depict the location of the project study area in relation to existing and proposed discharge locations, vegetation and groundwater monitoring locations, and representative photographs of the study area. This task includes one round of revisions upon review of the draft report by the District. This task does not include revisions based on comments received from EPA and/or USFWS staff.

The estimated cost for Task 3 is $13,920, including direct costs. Direct costs are estimated to be $100 and include postage and reproduction.

Task 4 Access Coordination

Dudek will provide support to the District as necessary to obtain permission to access the properties along the creek. Due to the long-term nature of the HMP, gaining appropriate access to the study area will be critical to the successful implementation of the HMP. This task includes up to 8 hours of staff time. The estimated cost for Task 4 is $1,400 including direct costs. Direct costs are estimated to be $200 and includes mileage.

COST SUMMARY

The cost estimate for completion of the tasks described above is $96,864 as shown in Table 1 below. Labor costs, direct costs, and subcontractor fees are detailed in the attached exhibits. Direct costs include postage, mileage, meals, use of GPS equipment, materials and equipment associated with habitat and groundwater monitoring, and other incidental expenses. Sub-consultants fees and direct costs are normally billed at a 15% mark-up. For this assignment, direct costs will be billed without mark-up. All costs will be billed on a time and materials basis in accordance with our 2011 Standard Schedule of Charges, a copy of which is attached.

Table 1. Cost Estimate

Task Description	Cost Estimate
Subtask 1.1: Fall & Spring Quantitative Vegetation Monitoring	$25,200
Subtask 1.2: Aerial Photo Monitoring	$5,133
Subtask 2.1: Installation of Piezometers	$17,688
Subtask 2.2: Survey and Data Collection	$25,833

Mr. Joseph Zoba
Subject: Proposal to Implement the Non-Potable Water Distribution System Riparian Habitat Monitoring Program in San Timoteo Creek

Table 1. Cost Estimate

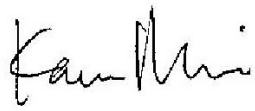
Task Description	Cost Estimate
Subtask 2.3: Piezometer Construction Reports	$7,690
Task 3: Annual Monitoring Report	$13,920
Task 4: Access Coordination	$1,400
TOTAL	**$96,864**

SCHEDULE

As mentioned above, quantitative vegetation monitoring should occur during the fall prior to the onset of winter dormancy in riparian vegetation. Riparian species such as willows (*Salix* spp.) begin to lose their leaves as overnight temperatures begin to fall in October and November. As such, Dudek is prepared to begin work immediately upon approval from the District.

Dudek appreciates the opportunity to continue working with the District. Should you have any questions, please do not hesitate to contact me. I can be reached at 760.479.4292.

Very truly yours,



Kamarul Muri
Project Manager/Biologist

att: Exhibit A. Estimated Costs for Riparian Habitat Monitoring
Exhibit B. Estimated Costs to Install and Monitor Shallow Groundwater Piezometers
2011 Standard Schedule of Charges

cc: Jennifer Ares, YVWD
Steve Stuart, Dudek

Exhibit A. Estimated Costs for Riparian Habitat Monitoring

	PA II	TE II	ES II	ES IV	ES VI	GIS II	Subtotal (hrs)	Subtotal ($)	ODC	TOTAL
	$90	$125	$130	$150	$180	$130				
1.1 Quantitative Vegetation Monitoring			60	100		12	172	24,360	840	25,200
1.2 Aerial Photo Analysis				6		14	20	2,720	2,413	5,133
3. Annual Monitoring Report	5	2	16	52	5	18	98	13,820	100	13,920
4. Project Coordination				8				1,200	200	1,400
TOTAL	**5**	**2**	**76**	**166**	**5**	**44**	**290**	**42,100**	**3,553**	**45,653**

9/29/2011

Exhibit B-1. Estimated Costs to Install and Monitor Shallow Groundwater Piezometers

Task 2.1. Initial Site Investigation and Installation of Piezometers

	Unit	Quantity	Rate	Multiplier	Cost
Labor:					
Sr. Hydrogeologist, Project Manager	hour	12.0	$ 170.00	1	$ 2,040
Sr. Hydrogeologist, CHG	hour	40.0	$ 170.00	1	$ 6,800
Hydrogeologist II	hour	12.0	$ 105.00	1	$ 1,260
Sub-total:					**$ 10,100**
Reimbursables:					
Mileage	mile	480	$ 0.51	1	$ 245
Per Diem	day	3	$ 50.00	1	$ 150
Well Permit Fee - San Bernardino County	ea	1	$ 269.00	1	$ 269
Well Permit Fee - Riverside County	ea	2	$ 300.00	1	$ 600
Materials	ls	1	$ 200.00	1	$ 200
Sub-total:					**$ 1,464**
Subcontractor:					
Drilling Contractor		1	$ 5,325.00	1	$ 5,325
Sub-total:					**$ 5,325**
Total for Task:					**$ 16,889**

Task 2.2. Survey and Data Collection for One Year of Monitoring

	Unit	Quantity	Rate	Multiplier	Cost
Labor:					
Sr. Hydrogeologist, Project Manager	hour	16.0	$ 170.00	1	$ 2,720
Sr. Hydrogeologist, CHG	hour	60.0	$ 170.00	1	$ 10,200
Hydrogeologist II	hour	60.0	$ 105.00	1	$ 6,300
Sub-total:					**$ 19,220**
Reimbursables:					
Mileage	mile	960	$ 0.51	1	$ 490
Per Diem	day	6	$ 50.00	1	$ 300
Pressure Transducers (Levelogger Edge, M10/F30)	ea	3	$ 595.00	1	$ 1,785
Pressure Transducer (Barologger, M1.5/F5)	ea	1	$ 487.00	1	$ 487
Direct Read Cable (50 feet)	ea	3	$ 105.00	1	$ 315
Direct Read Cable (15 feet)	ea	1	$ 84.00	1	$ 84
Direct Read Communication Package	ea	1	$ 407.00	1	$ 407
Supplies	T&M	1	$ 100.00	1	$ 100
Sub-total:					**$ 3,968**
Subcontractor:					
Surveyor		1	$ 2,300.00	1	$ 2,300
Sub-total:					**$ 2,300**
Total for Task:					**$ 25,488**

Task 2.3. Piezometer Construction Reports for Riverside and San Bernardino Counties

	Unit	Quantity	Rate	Multiplier	Cost
Labor:					
Sr. Hydrogeologist, Project Manager	hour	16.0	$ 170.00	1	$ 2,720
Sr. Hydrogeologist, CHG	hour	24.0	$ 170.00	1	$ 4,080
Hydrogeologist II	hour	8.0	$ 105.00	1	$ 840
Sub-total:					**$ 7,640**
Reimbursables:					
Shipping	T&M	1	$ 50.00	1	$ 50
Sub-total:					**$ 50**
Total for Task:					**$ 7,690**

TOTAL for PROJECT: **$ 50,066**

Exhibit B-2. Estimated Costs to Install and Monitor Shallow Groundwater Piezometers
(Reduced Cost with YVWD Staff)

Task 2.1. Initial Site Investigation and Installation of Piezometers

	Unit	Quantity	Rate	Multiplier	Cost
Labor:					
Sr. Hydrogeologist, Project Manager	hour	12.0	$ 170.00	1	$ 2,040
Sr. Hydrogeologist, CHG	hour	40.0	$ 170.00	1	$ 6,800
Hydrogeologist II	hour	12.0	$ 105.00	1	$ 1,260
Sub-total:					**$ 10,100**
Reimbursables:					
Mileage	mile	480	$ 0.51	1	$ 245
Per Diem	day	3	$ 50.00	1	$ 150
Well Permit Fee - San Bernardino County	ea	1	$ 269.00	1	$ 269
Well Permit Fee - Riverside County	ea	2	$ 300.00	1	$ 600
Materials	ls	1	$ 200.00	1	$ 200
Sub-total:					**$ 1,464**
Subcontractor:					
Drilling Contractor		1	$ 5,325.00	1	$ 5,325
Sub-total:					**$ 5,325**
Total for Task:					**$ 16,889**

Task 2.2. Survey and Data Collection for One Year of Monitoring

	Unit	Quantity	Rate	Multiplier	Cost
Labor:					
Sr. Hydrogeologist, Project Manager	hour	6.0	$ 170.00	1	$ 1,020
Sr. Hydrogeologist, CHG	hour	12.0	$ 170.00	1	$ 2,040
Hydrogeologist II	hour	60.0	$ 105.00	1	$ 6,300
Sub-total:					**$ 9,360**
Reimbursables:					
Mileage	mile	80	$ 0.51	1	$ 41
Per Diem	day	1	$ 50.00	1	$ 50
Pressure Transducers (Levelogger Edge, M10/F30)	ea		$ 595.00	1	$ -
Pressure Transducer (Barologger, M1.5/F5)	ea		$ 487.00	1	$ -
Direct Read Cable (50 feet)	ea		$ 105.00	1	$ -
Direct Read Cable (15 feet)	ea		$ 84.00	1	$ -
Direct Read Communication Package	ea		$ 407.00	1	$ -
Supplies	T&M		$ 100.00	1	$ -
Sub-total:					**$ 91**
Subcontractor:					
Surveyor		1	$ 2,300.00	1	$ 2,300
Sub-total:					**$ 2,300**
Total for Task:					**$ 11,751**

Task 2.3. Piezometer Construction Reports for Riverside and San Bernardino Counties

	Unit	Quantity	Rate	Multiplier	Cost
Labor:					
Sr. Hydrogeologist, Project Manager	hour	16.0	$ 170.00	1	$ 2,720
Sr. Hydrogeologist, CHG	hour	24.0	$ 170.00	1	$ 4,080
Hydrogeologist II	hour	8.0	$ 105.00	1	$ 840
Sub-total:					**$ 7,640**
Reimbursables:					
Shipping	T&M	1	$ 50.00	1	$ 50
Sub-total:					**$ 50**
Total for Task:					**$ 7,690**

TOTAL for PROJECT: $ 36,330

DUDEK
2011 STANDARD SCHEDULE OF CHARGES

Engineering Services

Project Director	$225.00/hr
Principal Engineer III	$210.00/hr
Principal Engineer II	$198.00/hr
Principal Engineer I	$190.00/hr
Senior Project Manager	$180.00/hr
Project Manager	$170.00/hr
Senior Engineer III	$160.00/hr
Senior Engineer II	$155.00/hr
Senior Engineer I	$145.00/hr
Project Engineer IV	$135.00/hr
Project Engineer III	$125.00/hr
Project Engineer II	$115.00/hr
Project Engineer I	$100.00/hr
Project Coordinator	$80.00/hr
Engineering Assistant	$75.00/hr

Environmental Services

Principal	$225.00/hr
Senior Project Manager/Specialist II	$210.00/hr
Senior Project Manager/Specialist I	$200.00/hr
Environmental Specialist/Planner VI	$180.00/hr
Environmental Specialist/Planner V	$160.00/hr
Environmental Specialist/Planner IV	$150.00/hr
Environmental Specialist/Planner III	$140.00/hr
Environmental Specialist/Planner II	$130.00/hr
Environmental Specialist/Planner I	$120.00/hr
Analyst	$100.00/hr
Planning Research Assistant	$80.00/hr

Archaeological Services

Senior Project Manager/Archaeologist II	$210.00/hr
Senior Project Manager/Archaeologist I	$200.00/hr
Environmental Specialist/Archaeologist VI	$180.00/hr
Environmental Specialist/Archaeologist V	$160.00/hr
Environmental Specialist/Archaeologist IV	$150.00/hr
Environmental Specialist/Archaeologist III	$140.00/hr
Environmental Specialist/Archaeologist II	$130.00/hr
Environmental Specialist/Archaeologist I	$120.00/hr
Archaeologist Technician II	$70.00/hr
Archaeologist Technician I	$50.00/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

Hydrogeological Services

Principal	$220.00/hr
Sr. Environmental Engineer	$190.00/hr
Sr. Hydrogeologist/Sr. Proj Mgr	$170.00/hr
Project Manager	$155.00/hr
Associate Hydrogeologist/Engineer	$140.00/hr
Hydrogeologist IV/Engineer IV	$125.00/hr
Hydrogeologist III/Engineer III	$115.00/hr
Hydrogeologist II/Engineer II	$105.00/hr
Hydrogeologist I/Engineer I	$95.00/hr
Technician	$95.00/hr

District Management & Operations

District General Manager	$175.00/hr
District Engineer	$160.00/hr
Operations Manager	$150.00/hr
District Secretary/Accountant	$85.00/hr
Collections System Manager	$95.00/hr
Grade V Operator	$100.00/hr
Grade IV Operator	$85.00/hr
Grade III Operator	$80.00/hr
Grade II Operator	$63.00/hr
Grade I Operator	$55.00/hr
Operator in Training	$40.00/hr
Collection Maintenance Worker II	$55.00/hr
Collection Maintenance Worker I	$40.00/hr

Office Services

Technical/Drafting/CADD Services

3D Graphic Artist	$150.00/hr
Senior Designer	$130.00/hr
Designer	$120.00/hr
Assistant Designer	$115.00/hr
GIS Specialist IV	$150.00/hr
GIS Specialist III	$140.00/hr
GIS Specialist II	$130.00/hr
GIS Specialist I	$120.00/hr
CADD Operator III	$115.00/hr
CADD Operator II	$110.00/hr
CADD Operator I	$95.00/hr
CADD Drafter	$80.00/hr
CADD Technician	$70.00/hr

Support Services

Technical Editor III	$140.00/hr
Technical Editor II	$125.00/hr
Technical Editor I	$110.00/hr
Publications Assistant III	$100.00/hr
Publications Assistant II	$90.00/hr
Publications Assistant I	$80.00/hr
Clerical Administration II	$80.00/hr
Clerical Administration I	$75.00/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 thirty (30) days from the date of the invoice. Client agrees to pay a monthly late charge equal to one percent (1%) per month of the outstanding balance until paid in full.

DUDEK

Effective January 1, 2011

Yucaipa Valley Water District

Workshop Memorandum 11-160

Date: **October 11, 2011**

Subject: **Project Management Support Services by RMC Water & Environment**

The Yucaipa Valley Water District has maintained a long working relationship with Scott Goldman and the staff of RMC Water & Environment. In particular, Scott Goldman and his staff provide administrative assistance related to our grant/loan funding contracts.

Over the past two years, the District staff gradually suspended various activities previously approved as task orders to RMC. These tasks were discussed and consolidated as part of Director Memorandum No. 10-031 dated May 5, 2010.

Since this time, the District staff has reevaluated our need for consulting services and has worked with RMC Water & Environment to develop the attached scope of services which includes the following:

- Task 1 - Continued Assistance with Funding Activities
- Task 2 - System Planning Assistance
- Task 3 - Assistance with Environmental Compliance Activities
- Task 4 - Meetings and Coordination

The largest element within the proposed scope of services relates to the regulatory permitting associated with the recharge of recycled water was deleted based on the discussion at the board workshop on September 27, 2011.

Note: This workshop item was continued from the board workshop meetings conducted on September 13, 2011 [Workshop Memorandum No. 11-139] and September 27, 2011 [Workshop Memorandum No. 11-151].

YUCAIPA VALLEY WATER DISTRICT
BRINELINE EXTENSION AND
PHASE II RECYCLED WATER SYSTEM EXPANSION

CONTINUATION OF PROJECT MANAGEMENT
SCOPE OF SERVICES

RMC Water and Environment
September 2011

BACKGROUND

In the last several years the District constructed an extensive recycled water distribution system to help satisfy increasing demands and to reduce the growing overdraft of local groundwater supplies. The sources of non-potable water distributed through the system is intended to be a mixture of advanced tertiary treated wastewater (recycled water) generated at the Henry N. Wochholz Wastewater Treatment Plant (WWTP), untreated imported water from the State Water Project, and to a lesser degree non-potable groundwater pumped from the Beaumont, San Timoteo and Yucaipa Management Zone Groundwater Basins. Currently only SWP water is delivered.

The District and the Region realizes multiple benefits from the non-potable water distribution system:

- Reduces capacity and operating cost of the new Yucaipa Regional Water Filtration Facility (YRWFF)
- Provides method for disposal of NF membrane concentrate, which allows continued use of free chlorine for disinfection of potable water
- Opportunity to eliminate NPDES permit for discharges of treated effluent from the existing WWTP
- Reduces overdraft and preserves groundwater for periods of drought
- Minimizes quantity of water imported from Northern California
- Reduces energy using raw imported water available in higher pressure zones rather than pumping groundwater from lower elevations.

The District's Non-Potable Water Distribution System is being constructed in phases with State and Federal Grant funding assistance.

Phase I System - The Phase I system was completed in 2005 and provides nonpotable water to approximately 18 irrigation sites with an average annual water demand of approximately 1,200 afy. The Phase I system consists of approximately 53,000 linear feet of pipeline, two storage reservoirs and one booster pump station.

Phase II System - Phase II will expand the system to serve additional irrigation sites and will connect to the Wochholz Water Recycling Facility (WRF). Facilities identified for the Phase II expansion include the 24-inch Crow Street Pipeline (approximately 4,400 lf), 24-

inch Beaumont Cherry Valley Pipeline (approximately 14,000 lf), Non-Potable Booster Station 10.3 (NB-10.3) with a capacity of about 2,100 gpm, and two 1 million gallon Non-potable Reservoirs 10.3 (NR-10.3) at the end of Crow Street.

PREVIOUS PROJECT MANAGEMENT SERVICES

Since January 2006 Water 3 Engineering (now RMC Water and Environment) has worked as an extension of District staff on expansion of the Recycled Water System and extension of the SARI brineline. Specific services provided include the following:

- Assistance with environmental compliance process
- Assistance with procurement of design consultants for the project.
- Assistance with consultant negotiations for the project.
- Technical review of design submittals
- Coordination of District Staff comments on technical submittals and consolidation for transmittal back to design consultants.
- Assistance with Prop 13 funding for the Phase I system and coordination with SAWPA.
- Assistance with Prop 50 funding for brineline
- Assistance with SWRCB for State Revolving Fund Loans
- Assistance with Federal funding and coordination with EPA and USBR.

In addition, the Scope of Services for RMC included coordination with the anticipated recycled water customers.

SCOPE OF SERVICES FOR CONTINUED ASSISTANCE

This Scope of Services is to continue to provide the District with Program Management Assistance for completion of the Phase II expansion of the Recycled Water System and Brineline Extension. Program Management tasks includes funding assistance, additional planning assistance, assistance with coordination of environmental compliance activities and meetings and overall coordination. RMC proposes to continue to act as an extension of District staff with regard to the Board and consultants. Close coordination with existing District staff will be maintained to ensure the level of effort being provided is adequate and appropriate. The following describes the specific tasks to be performed in support of the Phase II Recycled Water Expansion and Brineline Extension Projects.

Task 1 – Continued Assistance with Funding Activities

This task involves continuation of the coordination with outside funding agenices. The District is anticipating funding these projects with a combination of Federal Grants, State Grants and State Loans. Sources of funding are as follows:

- EPA Grant for Recycled Water System Expansion
- Title XVI Grant from the USBR for Brineline extension

- Prop 50 Grant from State administered through the Santa Ana Watershed Project Authority (SAWPA) for Brineline Extension and WISE project
- State Revolving Fund (SRF) Loans from the SWRCB for Brineline Extension and Recycled Water System Expansion
- State Grant from SWRCB for Recycled Water System Expansion

Each funding agency has its own method and frequency of reporting and requesting reimbursement for design and construction expenses. RMC has been providing this assistance for several years and is familiar with the requirements and staff at each of the funding agencies.

Task 2 – System Planning Assistance

Completion of the Phase II expansion of the non-potable water system will connect the WWTP to the existing delivery system. Distribution of recycled water will trigger several regulatory requirements and begin the process for removing the effluent from San Timoteo Creek. The Brineline construction will provide the District the ability to comply with the RWQCB maximum benefit commitments made by YVWD, which include:

- Limit TDS concentration in their Wochholz WRP effluent to a maximum of 540 mg/L.
- Construction of a non-potable water system for irrigation uses, using a blend of State Project Water and recycled water from the Wochholz WRP.
- Construction of desalting facilities and brine disposal pipeline.
- Maximize the recharge of storm and imported water
- Elimination of recycled water discharges to the unlined reach of San Timoteo Creek

Additional planning is needed to identify the optimal facilities and timing requirements. Specific planning assistance to be provided by RMC is as follows:

- Assist the District to refine alternatives for salinity management and timing needs for facilities. Consideration will be given to the timing of the RO membranes at the Wochholz RWRF.
- This task will also include assistance with the planning and regulatory requirements for implementation of a groundwater recharge project anticipated with BCVWD needed to manage effluent flows between winter and summer.
- This will also include assistance with acquisition of brine disposal capacity at the Orange County Sanitation District facilities. Planning to include consideration of the feasibility of a brine concentrator prior to discharge into the SARI pipeline.

Task 3 – Assistance with Environmental Compliance Activities

This task involves assisting District staff to coordinate the remaining environmental compliance activities associated with the recycled water and salinity management facilities. These activities include, but are not necessarily limited to:

- CEQA/NEPA Documentation for Beaumont-Cherry Valley Pipeline Extension YVWD is proposing to construct an extension to the YVWD Regional Recycled Water Distribution

System of approximately 18,500 linear feet (3.5 miles) of 24" waterline to connect an existing YVWD waterline to an existing Beaumont-Cherry Valley Water District (BCVWD) waterline via a proposed BCVWD booster. The intent of this project is to deliver non-potable water to the BCVWD. The entire pipeline would be constructed within existing roadways, and all construction work, staging areas, and access routes would be confined to existing paved right-of-ways (ROWs) and disturbed/developed areas. The proposed 24" pipeline alignment would extend south from an existing YVWD waterline for approximately 2,000 along 5th Street, and would continue south along Calimesa Boulevard for approximately 11,000 feet. It would then turn east and continue along Cherry Valley Boulevard for approximately 5,500 feet, connecting with the BCVWD waterline at the proposed booster.

- The Habitat Monitoring Program (HMP) associated with the Recycled Water Distribution System Project was developed in 2005 and is a long-term monitoring program designed to ensure the proposed reduction in discharge to San Timoteo Creek does not cause a decline in riparian habitat quality within downstream areas. In order to characterize the status of existing riparian habitat and groundwater prior to beginning the proposed discharge reductions, and to effectively monitor changes to riparian habitat quality in the creek, implementation of the HMP is scheduled to begin with at least one year of pre-reduction monitoring data. In accordance with the Final EIR EIS for the Non-Potable Water Distribution System Project, the HMP will be implemented annually for a minimum of 10 years. Estimating the natural variability of the system being monitored is critical to determining the level of sampling effort required to sufficiently detect changes that would trigger the implementation of management actions in accordance with the HMP.

Task 4 – Meetings and Coordination

This task involves meetings and coordination with District staff, Board and others as may be necessary during the project. It is assumed that several of the District staff meetings can be coordinated with other meetings to minimize the required time to attend. Monthly status reports will be provided with invoices to document the activities of RMC relative to implementation of the Phase II Recycled Water System Expansion, Brineline Extension and Groundwater Recharge projects.

YUCAIPA VALLEY WATER DISTRICT
PROGRAM MANAGEMENT SERVICES RELATED TO BRINELINE EXTENSTION,
PHASE II EXPANSION OF THE RECYCLED WATER SYSTEM AND GROUNDWATER RECHARGE
Exhibit A
RMC WATER AND ENVIRONMENT - ESTIMATED LEVEL OF EFFORT

Item / Task	Principal Hrs	Principal Cost	Project Engineer Hrs	Project Engineer Cost	Clerical Hrs	Clerical Cost	Total Labor Hrs	Subs Cost	Total Cost
Hourly rate		$ 210		$ 175		$ 80			
1 Funding Assistance									
USBR Title IX Grant	48	$ 10,080	96	$ 16,800	16	$ 1,280	160	$ -	$ 28,160
Prop 50 Grant	48	$ 10,080	80	$ 14,000	16	$ 1,280	144	$ -	$ 25,360
EPA Grant	24	$ 5,040	72	$ 12,600	16	$ 1,280	112	$ -	$ 18,920
SWRCB Grant and SRF Loans	24	$ 5,040	64	$ 11,200	16	$ 1,280	104	$ -	$ 17,520
Subtotal	144	$ 30,240	312	$ 54,600	64	$ 5,120	520	$ -	$ 89,960
2 System Planning Assistance									
Continued assistance with salinity management option	16	$ 3,360	8	$ 1,400	0	$ -	24	$ -	$ 4,760
Continued assistance with BCV21 recharge options	16	$ 3,360	8	$ 1,400	0	$ -	24	$ -	$ 4,760
Subtotal	32	$ 6,720	16	$ 2,800	0	$ -	48	$ -	$ 9,520
3 Assistance with Environmental Compliance Activities									
CEQA/NEPA for Beaumont Cherry Valley Pipeline	16	$ 3,360	0	$ -	0	$ -	16	$ -	$ 3,360
Assstance with Habitat Monitoring Program	16	$ 3,360	0	$ -	0	$ -	16	$ -	$ 3,360
Subtotal	32	$ 6,720	0	$ -	0	$ -	32	$ -	$ 6,720
4 Meetings and Coordination									
Meetings with staff	24	$ 5,040	0	$ -	0	$ -	24	$ -	$ 5,040
Preparation of monthly status reports	12	$ 2,520	12	$ 2,100	0	$ -	24	$ -	$ 4,620
Subtotal	36	$ 7,560	12	$ 2,100	0	$ -	48	$ -	$ 9,660
Direct Costs									$ 2,500
Total	244	$ 51,240	340	$ 59,500	64	$ 5,120	648	$ -	$ 118,360