



**BEAUMONT-CHERRY VALLEY WATER DISTRICT  
AGENDA  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, May 9<sup>th</sup>, 2012  
Regular Session 7:00 p.m.**

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**Call to Order, President Ball**

**Pledge of Allegiance, Director Woll**

**Invocation, Director Ross**

**Roll Call**

**Public Input**

**PUBLIC COMMENT:** At this time, any person may address the Board of Directors on matters within its jurisdiction which is not on the agenda. However, any non-agenda matters that require action will be referred to Staff for a report and possible action at a subsequent meeting. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the Board meeting. Please limit your comments to three minutes. Sharing or passing time to another speaker is not permitted.

**ACTION ITEMS**

**1. Adoption of the Agenda**

**2. Consent Calendar:** All matters listed under the Consent Calendar are considered by the Board of Directors to be routine and will be enacted in one motion. There will be no discussion of these items prior to the time the Board considers the motion unless members of the Board, the administrative staff, or the public request specific items to be discussed and/or removed from the Consent Calendar.

- a. March 2012 Budget Variance Report Review\*\*
- b. March 31<sup>st</sup>, 2012 Cash/Investment Balance Report\*\*
- c. April 2012 Cheque Register Review\*\*
- d. April 2012 Invoices Pending Approval\*\*
- e. Minutes of the Regular Meeting of April 11<sup>th</sup>, 2012\*\*
- f. Adoption of Resolution 2012-06 Establishing CALPERS 457 Deferred Compensation Plan\*\*
- g. Adoption of Resolution 2012-07 Maximum Benefit Implementation Plan for the Beaumont Management Zone\*\*
- h. Approve Well 16 Repairs\*\*

**3. Reports For Discussion**

- a. Ad Hoc Committees
- b. General Manager
- c. Directors Reports
- d. Legal Counsel Report

#### 4. Announcements

- District will be closed on May 28<sup>th</sup>, 2012 for Memorial Day.
- Finance & Audit Committee meeting, June 7<sup>th</sup>, 2012 at 3:00 p.m.
- Regular Board meeting, June 13<sup>th</sup>, 2012 at 7:00 p.m.

#### 5. Action List for Future Meetings

#### 6. Adjournment

\*\* Information included in the agenda packet

**AVAILABILITY OF AGENDA MATERIALS** - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont-Cherry Valley Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, at 560 Magnolia Avenue, Beaumont, California ("District Office") If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District's Board Secretary of the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available from the District's Board Secretary in the Board Room of the District's Office.

**REVISIONS TO THE AGENDA** -In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 72 hours prior to the Board Meeting.

**REQUIREMENTS RE: DISABLED ACCESS** - In accordance with §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Board Secretary, Dawn Jorge, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. Ms. Jorge may be contacted by telephone at (951) 845-9581, Ext. 21, email at [dawn.jorge@bcvwd.org](mailto:dawn.jorge@bcvwd.org) or in writing at the Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

MARCH BUDGET VARIANCE REPORT



Fiscal Year : 2012  
Budget Type : Adopted Budget

Budget Variance Report (Summary)

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
<b>Revenue</b>						
4010 Operating Revenue	Total Operating Revenue	\$ 379,218	\$ 1,993,163	\$ 11,163,250	\$ (9,170,087)	-82%
4011 Rent - 12303 Oak Glen Rd	Total Rent - 12303 Oak Glen Rd	\$ 200	\$ 600	\$ 2,400	\$ (1,800)	-75%
4012 Rent - 13695 Oak Glen Rd	Total Rent - 13695 Oak Glen Rd	\$ 400	\$ 800	\$ 2,400	\$ (1,600)	-67%
4013 Rent - 13697 Oak Glen Rd	Total Rent - 13697 Oak Glen Rd	\$ 400	\$ 800	\$ 2,400	\$ (1,600)	-67%
4014 Rent - 9781 Avenida Miravilla	Total Rent - 9781 Avenida Miravilla	\$ 400	\$ 800	\$ 2,400	\$ (1,600)	-67%
4015 Utilities 12303 Oak Glen Rd	Total Utilities 12303 Oak Glen Rd	\$ 179	\$ 847	\$ 2,100	\$ (1,253)	-60%
4016 Utilities 13695 Oak Glen Rd	Total Utilities 13695 Oak Glen Rd	\$ 626	\$ 1,109	\$ 2,400	\$ (1,291)	-54%
4017 Utilities 13697 Oak Glen Rd	Total Utilities 13697 Oak Glen Rd	\$ 671	\$ 1,691	\$ 2,700	\$ (1,009)	-37%
4018 Utilities 9781 Avenida Miravilla	Total Utilities 9781 Avenida Miravilla	\$ 276	\$ 783	\$ 4,000	\$ (3,217)	-80%
4020 Non Operating Revenue	Total Non Operating Revenue	\$ 16,290	\$ 16,381	\$ 746,500	\$ (730,119)	-98%
4030 Other Non Operating Revenue	Total Other Non Operating Revenue	\$ -	\$ -	\$ 75,000	\$ (75,000)	-100%
	Total Revenue	\$ 398,659	\$ 2,016,973	\$ 12,005,550	\$ (9,988,577)	-83%
<b>Expense</b>						
5200 Source of Supply & Water Treatment Wells	Total Source of Supply & Water Treatment Wells	\$ 452,970	\$ 1,063,864	\$ 4,847,600	\$ (3,783,736)	-78%
5300 Transmission & Distribution	Total Transmission & Distribution	\$ 93,989	\$ 227,269	\$ 1,125,500	\$ (898,231)	-80%
5350 Inspections	Total Inspections	\$ 3,322	\$ 9,773	\$ 23,700	\$ (13,927)	-59%
5400 Meter Reading/Customer Service	Total Meter Reading/Customer Service	\$ 21,887	\$ 57,388	\$ 253,300	\$ (195,912)	-77%
5500 Administration	Total Administration	\$ 200,842	\$ 454,651	\$ 3,015,200	\$ (2,560,549)	-85%
5510 Board of Directors	Total Board of Directors	\$ 2,677	\$ 4,761	\$ 54,100	\$ (49,339)	-91%
5610 District Property - 560 Magnolia	Total District Property - 560 Magnolia	\$ 5,446	\$ 14,783	\$ 55,800	\$ (41,017)	-74%
5615 District Property - 12303 Oak Glen Rd	Total District Property - 12303 Oak Glen Rd	\$ 179	\$ 639	\$ 3,300	\$ (2,661)	-81%

MARCH BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
5620 District Property JH- 13695 Oak Glen Rd	Total District Property JH- 13695 Oak Glen Rd	\$ 328	\$ 1,023	\$ 2,900	\$ (1,877)	-65%
5625 District Property JB- 13697 Oak Glen Rd	Total District Property JB- 13697 Oak Glen Rd	\$ 463	\$ 1,336	\$ 4,500	\$ (3,164)	-70%
5630 District Property - 9781 Avenida Miravi	Total District Property - 9781 Avenida Miravi	\$ 81	\$ 452	\$ 4,200	\$ (3,748)	-89%
5635 District Office - 815 E. 12th Street	Total District Office - 815 E. 12th Street	\$ 1,287	\$ 3,222	\$ 15,500	\$ (12,278)	-79%
5640 District Property - 11083 Cherry Ave	Total District Property - 11083 Cherry Ave	\$ 231	\$ 692	\$ 3,200	\$ (2,508)	-78%
5700 Maintenance & General Plant	Total Maintenance & General Plant	\$ 27,248	\$ 51,076	\$ 183,500	\$ (138,313)	-75%
5800 Engineering (in-house)	Total Engineering (in-house)	\$ 3,359	\$ 19,509	\$ 217,100	\$ (197,591)	-91%
5810 Prof. Services - Legal & Accounting	Total Prof. Services - Legal & Accounting	\$ 5,364	\$ 52,824	\$ 175,000	\$ (122,176)	-70%
5820 Professional Services - Engineering	Total Professional Services - Engineering	\$ 31,690	\$ 53,163	\$ 64,000	\$ (10,837)	-17%
	Total Expense	\$ 851,361	\$ 2,016,426	\$ 10,048,400	\$ (8,037,864)	-80%
155700599	SYSTEM DEPRECIATION			\$ 1,850,000		



MARCH BUDGET VARIANCE REPORT



Budget Variance Report (Details)

Fiscal Year : 2012  
Budget Type : Adopted Budget

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
<b>Revenue</b>						
<b>4010 Operating Revenue</b>						
	144010400 FIXED METER CHARGES	170,758	539,219	2,286,000	(1,746,781)	-76%
	144010401 DOMESTIC WATER SALES	87,538	740,196	4,550,000	(3,809,804)	-84%
	144010402 IRRIGATION WATER SALES	646	1,794	31,000	(29,206)	-94%
	144010403 CONSTRUCTION WATER SALES	6,140	10,225	46,000	(35,775)	-78%
	144010404 INSTALLATION CHARGES	2,860	12,512	45,000	(32,488)	-72%
	144010404 INSTALLATION CHARGES	-	1,912	-	1,912	0%
	144010407 REIMB. CUST. DAMAGES/UPGRADES	1,868	3,123	10,000	(6,877)	-69%
	144010408 BACKFLOW DEVICES	1,070	5,217	24,000	(18,783)	-78%
	144010409 REIMBURSEMENT - INSURANCE	-	-	-	-	0%
	144010410 RETURNED CHECK FEES	325	790	2,000	(1,210)	-61%
	144010411 MISCELLANEOUS INCOME	601	1,210	31,000	(29,790)	-96%
	144010412 RENTAL INCOME	100	300	1,200	(900)	-75%
	144010413 DEVELOPMENT INCOME (DEPOSITS APPLIED)	-	-	50,000	(50,000)	-100%
	144010414 RECHARGE INCOME (CITY OF BANNING)	-	12,228	72,000	(59,772)	-83%
	144010419 CONSTRUCTION METER MOVE CHARGE	-	-	-	-	0%
	144010439 REIMB - MAINTENANCE OF WELLS 24,25 & 26	-	-	20,000	(20,000)	-100%
	144010441 TURN ONS	7,185	17,530	32,000	(14,470)	-45%
	144010442 THIRD NOTICE CHARGE	2,660	14,279	80,000	(65,721)	-82%
	144010443 PENALTIES	8,085	23,250	88,000	(64,750)	-74%
	144010444 SGPWA IMPORTATION CHARGE	51,592	351,453	2,205,000	(1,853,547)	-84%
	144010445 SCE POWER CHARGE	36,935	255,811	1,582,000	(1,326,189)	-84%
	144010446 BONITA VISTA REPAYMENT - INTEREST	-	705	3,550	(2,845)	-80%
	144010449 CREDIT CHECK PROCESSING FEES	415	1,240	4,500	(3,260)	-72%
	144010453 CREDIT CARD PROCESSING FEES	439	168	-	168	0%
	<b>Total Operating Revenue</b>	<b>\$ 379,218</b>	<b>\$ 1,993,163</b>	<b>\$ 11,163,250</b>	<b>\$ (9,170,087)</b>	<b>-82%</b>
<b>4011 Rent - 12303 Oak Glen Rd</b>						
	144011412 RENT - 12303 OAK GLEN RD	200	600	2,400	(1,800)	-75%
	<b>Total Rent - 12303 Oak Glen Rd</b>	<b>\$ 200</b>	<b>\$ 600</b>	<b>\$ 2,400</b>	<b>\$ (1,800)</b>	<b>-75%</b>
<b>4012 Rent - 13695 Oak Glen Rd</b>						
	144012412 RENT - 13695 OAK GLEN RD	400	800	2,400	(1,600)	-67%
	<b>Total Rent - 13695 Oak Glen Rd</b>	<b>\$ 400</b>	<b>\$ 800</b>	<b>\$ 2,400</b>	<b>\$ (1,600)</b>	<b>-67%</b>
<b>4013 Rent - 13697 Oak Glen Rd</b>						
	144013412 RENT - 13697 OAK GLEN RD	400	800	2,400	(1,600)	-67%
	<b>Total Rent - 13697 Oak Glen Rd</b>	<b>\$ 400</b>	<b>\$ 800</b>	<b>\$ 2,400</b>	<b>\$ (1,600)</b>	<b>-67%</b>
<b>4014 Rent - 9781 Avenida Miravilla</b>						
	144014412 RENT - 9781 AVENIDA MIRAVILLA	400	800	2,400	(1,600)	-67%
	<b>Total Rent - 9781 Avenida Miravilla</b>	<b>\$ 400</b>	<b>\$ 800</b>	<b>\$ 2,400</b>	<b>\$ (1,600)</b>	<b>-67%</b>
<b>4015 Utilities 12303 Oak Glen Rd</b>						
	144015515 ELECTRIC & PROPANE-12303 Oak Glen Rd	179	847	2,100	(1,253)	-60%
	<b>Total Utilities 12303 Oak Glen Rd</b>	<b>\$ 179</b>	<b>\$ 847</b>	<b>\$ 2,100</b>	<b>\$ (1,253)</b>	<b>-60%</b>
<b>4016 Utilities 13695 Oak Glen Rd</b>						
	144016515 ELECTRIC & PROPANE-13695 Oak Glen Rd	626	1,109	2,400	(1,291)	-54%
	<b>Total Utilities 13695 Oak Glen Rd</b>	<b>\$ 626</b>	<b>\$ 1,109</b>	<b>\$ 2,400</b>	<b>\$ (1,291)</b>	<b>-54%</b>
<b>4017 Utilities 13697 Oak Glen Rd</b>						

MARCH BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
	144017515 ELECTRIC & PROPANE-13697 Oak Glen Rd	671	1,691	2,700	(1,009)	-37%
	<b>Total Utilities 13697 Oak Glen Rd</b>	<b>\$ 671</b>	<b>\$ 1,691</b>	<b>\$ 2,700</b>	<b>\$ (1,009)</b>	<b>-37%</b>
<b>4018 Utilities 9781 Avenida Miravilla</b>						
	144018515 ELECTRIC & PROPANE-9871 Av Miravilla	276	783	4,000	(3,217)	-80%
	<b>Total Utilities 9781 Avenida Miravilla</b>	<b>\$ 276</b>	<b>\$ 783</b>	<b>\$ 4,000</b>	<b>\$ (3,217)</b>	<b>-80%</b>
<b>4020 Non Operating Revenue</b>						
	144020421 FRONT FOOTAGE & OTHER REIMB	-	-	55,000	(55,000)	-100%
	144020422 WELLS	-	-	85,000	(85,000)	-100%
	144020423 WATER RIGHTS (SWP)	-	-	255,000	(255,000)	-100%
	144020424 WATER TREATMENT PLANT	-	-	25,000	(25,000)	-100%
	144020425 FF - LOCAL WATER RESOURCES	-	-	95,000	(95,000)	-100%
	144020426 FF - RECYCLED WATER FACILITIES	-	-	35,000	(35,000)	-100%
	144020427 FF - TRANSMISSION	-	-	60,000	(60,000)	-100%
	144020428 FF - STORAGE	-	-	95,000	(95,000)	-100%
	144020429 FF - BOOSTER	-	-	6,500	(6,500)	-100%
	144020430 FACILITY FEES - PRESSURE REDUCING STATION	-	-	3,000	(3,000)	-100%
	144020431 FACILITY FEES - MISCELLANEOUS PROJECTS	-	-	3,000	(3,000)	-100%
	144020432 FACILITY FEES - FINANCING COSTS	-	-	14,000	(14,000)	-100%
	144020433 BONITA VISTA SYSTEM	16,290	16,290	-	16,290	0%
	144020435 INTEREST INCOME	-	91	15,000	(14,909)	-99%
	<b>Total Non Operating Revenue</b>	<b>\$ 16,290</b>	<b>\$ 16,381</b>	<b>\$ 746,500</b>	<b>\$ (730,119)</b>	<b>-98%</b>
<b>4030 Other Non Operating Revenue</b>						
	144030452 K Hovnanian Tract 33096-5	-	-	-	-	0%
	144030600 GRANT REVENUE	-	-	75,000	(75,000)	-100%
	<b>Total Other Non Operating Revenue</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,000</b>	<b>\$ (75,000)</b>	<b>-100%</b>
	<b>Total Revenue</b>	<b>\$ 398,659</b>	<b>\$ 2,016,973</b>	<b>\$ 12,005,550</b>	<b>\$ (9,988,577)</b>	<b>-83%</b>
<b>Expense</b>						
<b>5200 Source of Supply &amp; Water Treatment Wells</b>						
	155200271 LABOR	24,838	62,052	211,900	(149,848)	-71%
	155200272 OVERTIME	2,292	3,664	12,500	(8,836)	-71%
	155200281 HEALTH INSURANCE	6,532	19,055	63,800	(44,745)	-70%
	155200282 RETIREMENT/CALPERS	8,353	19,929	65,300	(45,371)	-69%
	155200283 LIFE INSURANCE	141	421	1,200	(779)	-65%
	155200284 UNIFORMS, EMPLOYEE BENEFITS	-	38	1,000	(962)	-96%
	155200285 EDUCATION EXPENSES	-	-	3,500	(3,500)	-100%
	155200291 SOCIAL SECURITY	1,683	4,080	13,200	(9,120)	-69%
	155200292 MEDICARE	394	954	3,100	(2,146)	-69%
	155200293 WORKER'S COMPENSATION INSURANCE	1,212	3,418	8,800	(5,382)	-61%
	155200511 TREATMENT & CHEMICALS	62,092	70,283	75,000	(4,717)	-6%
	155200512 LAB TESTING	3,709	8,994	55,000	(46,006)	-84%
	155200513 MAINTENANCE EQUIPMENT (PUMPING)	435	1,077	140,000	(138,923)	-99%
	155200514 UTILITIES - GAS	14	44	200	(156)	-78%
	155200515 UTILITIES - ELECTRIC	53,155	176,080	1,450,000	(1,273,920)	-88%
	155200517 TELEMETRY MAINTENANCE	73	825	6,000	(5,175)	-86%
	155200518 SEMINAR & TRAVEL EXPENSES	-	-	500	(500)	-100%
	155200544 SMALL PARTS/MAINTENANCE	-	-	100	(100)	-100%
	155200545 PERMITS, FEES & LICENSING	-	-	6,000	(6,000)	-100%
	155200560 EQUIP MAINT & REPAIRS	-	-	100	(100)	-100%
	155200562 SUBSCRIPTIONS	-	306	200	106	53%
	155200568 RANDOM DRUG TESTING	-	-	200	(200)	-100%
	155200620 STATE PROJECT WATER PURCHASED	202,880	437,143	2,219,000	(1,781,857)	-80%
	155200623 Ground Water Purch -South Mesa Mutual Wa	85,167	255,501	511,000	(255,499)	-50%
	155200625 STATE MANDATED CLEAN UP	-	-	-	-	0%

MARCH BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
<b>5300 Transmission &amp; Distribution</b>	<b>Total Source of Supply &amp; Water Treatment Wells</b>	<b>\$ 452,970</b>	<b>\$ 1,063,864</b>	<b>\$ 4,847,600</b>	<b>\$ (3,783,736)</b>	<b>-78%</b>
	155300271 LABOR	50,947	108,274	514,100	(405,826)	-79%
	155300272 OVERTIME	2,476	3,439	6,800	(3,361)	-49%
	155300273 DOUBLE-TIME	140	140	-	140	0%
	155300281 HEALTH INSURANCE	12,050	34,003	182,100	(148,097)	-81%
	155300282 RETIREMENT/CALPERS	16,155	34,371	143,100	(108,729)	-76%
	155300283 LIFE INSURANCE	265	735	2,500	(1,765)	-71%
	155300284 UNIFORMS, EMPLOYEE BENEFITS	-	249	3,000	(2,751)	-92%
	155300285 EDUCATION EXPENSES	-	115	1,000	(885)	-89%
	155300291 SOCIAL SECURITY	3,310	6,960	31,900	(24,940)	-78%
	155300292 MEDICARE	774	1,628	7,500	(5,872)	-78%
	155300293 WORKER'S COMPENSATION INSURANCE	2,168	5,994	21,400	(15,406)	-72%
	155300518 SEMINAR & TRAVEL EXPENSES	-	-	800	(800)	-100%
	155300530 MAINT PIPELINE/FIRE HYDRANT	1,860	17,841	38,000	(20,159)	-53%
	155300531 LINE LOCATES	-	189	2,500	(2,311)	-92%
	155300534 MAINT METERS & SERVICES	1,143	7,014	128,000	(120,986)	-95%
	155300535 BACKFLOW DEVICES	-	-	1,500	(1,500)	-100%
	155300536 MAINTENANCE RESERVOIRS/TANKS	-	-	12,000	(12,000)	-100%
	155300537 MAINTENANCE PRESSURE REGULATORS	2,983	6,963	9,000	(2,037)	-23%
	155300539 INVENTORY ADJUSTMENT	-	-	15,000	(15,000)	-100%
	155300540 INVENTORY PURCHASE DISCOUNTS	(281)	(646)	-	(646)	0%
	155300541 OBSOLETE OR DAMAGED INVENTORY	-	-	5,000	(5,000)	-100%
	155300544 SMALL PARTS/MAINTENANCE	-	-	100	(100)	-100%
	155300568 RANDOM DRUG TESTING	-	-	200	(200)	-100%
	<b>Total Transmission &amp; Distribution</b>	<b>\$ 93,989</b>	<b>\$ 227,269</b>	<b>\$ 1,125,500</b>	<b>\$ (898,231)</b>	<b>-80%</b>
<b>5350 Inspections</b>						
	155350271 LABOR	1,954	5,499	15,000	(9,501)	-63%
	155350272 OVERTIME	-	46	-	46	0%
	155350281 HEALTH INSURANCE	350	1,309	3,000	(1,691)	-56%
	155350282 RETIREMENT/PERS	731	2,057	2,400	(343)	-14%
	155350283 LIFE INSURANCE	11	41	200	(159)	-80%
	155350284 UNIFORMS/BENEFITS	-	-	300	(300)	-100%
	155350291 SOCIAL SECURITY	142	381	1,400	(1,019)	-73%
	155350292 MEDICARE	33	89	400	(311)	-78%
	155350293 WORKER'S COMPENSATION	101	352	1,000	(648)	-65%
	<b>Total Inspections</b>	<b>\$ 3,322</b>	<b>\$ 9,773</b>	<b>\$ 23,700</b>	<b>\$ (13,927)</b>	<b>-59%</b>
<b>5400 Meter Reading/Customer Service</b>						
	155400271 LABOR	12,002	30,500	134,400	(103,900)	-77%
	155400272 OVERTIME	232	453	1,100	(647)	-59%
	155400273 DOUBLE-TIME	292	292	-	292	0%
	155400281 HEALTH INSURANCE	3,686	11,482	54,700	(43,218)	-79%
	155400282 RETIREMENT/CALPERS	4,039	10,164	44,500	(34,336)	-77%
	155400283 LIFE INSURANCE	79	237	800	(563)	-70%
	155400284 UNIFORMS, EMPLOYEE BENEFITS	-	-	800	(800)	-100%
	155400285 EDUCATION EXPENSES	-	-	400	(400)	-100%
	155400291 SOCIAL SECURITY	765	1,950	8,400	(6,450)	-77%
	155400292 MEDICARE	179	456	2,000	(1,544)	-77%
	155400293 WORKER'S COMPENSATION	612	1,854	5,600	(3,746)	-67%
	155400518 SEMINAR & TRAVEL EXPENSES	-	-	300	(300)	-100%
	155400568 RANDOM DRUG TESTING	-	-	300	(300)	-100%
	<b>Total Meter Reading/Customer Service</b>	<b>\$ 21,887</b>	<b>\$ 57,388</b>	<b>\$ 253,300</b>	<b>\$ (195,912)</b>	<b>-77%</b>
<b>5500 Administration</b>						

MARCH BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
	155500271 LABOR	83,618	220,903	883,200	(662,297)	-75%
	155500272 OVERTIME	1,760	4,047	-	4,047	0%
	155500281 HEALTH INSURANCE	9,479	33,437	191,200	(157,763)	-83%
	155500282 RETIREMENT/CALPERS	25,437	63,028	262,800	(199,772)	-76%
	155500283 LIFE INSURANCE	331	1,111	5,000	(3,889)	-78%
	155500284 UNIFORMS, EMPLOYEE BENEFITS	-	-	1,000	(1,000)	-100%
	155500285 EDUCATION EXPENSES	-	-	500	(500)	-100%
	155500291 SOCIAL SECURITY	5,293	13,947	54,800	(40,853)	-75%
	155500292 MEDICARE	1,238	3,262	12,900	(9,638)	-75%
	155500293 WORKER'S COMPENSATION INSURANCE	1,315	4,434	8,900	(4,466)	-50%
	155500294 UNEMPLOYMENT INSURANCE	-	-	37,600	(37,600)	-100%
	155500518 SEMINAR & TRAVEL EXPENSES	-	-	2,000	(2,000)	-100%
	155500544 BANK PROCESSING FEES/LOCKBOX	-	-	-	-	0%
	155500547 EMPLOYER SHARE FOR RETIRED (CALPERS)	1,232	1,849	7,000	(5,151)	-74%
	155500548 ADMINISTRATIVE COSTS (CALPERS)	262	411	1,800	(1,389)	-77%
	155500549 BANK CHGS/MONEY MARKET/TRANS. FEES	-	2,006	30,000	(27,994)	-93%
	155500553 TEMPORARY LABOR	4,109	20,483	20,000	483	2%
	155500555 OFFICE SUPPLIES	2,404	9,647	45,000	(35,353)	-79%
	155500556 OFFICE EQUIPMENT/SERVICE AGREEMENTS	1,271	8,633	82,000	(73,367)	-89%
	155500557 OFFICE MAINTENANCE	-	233	14,000	(13,767)	-98%
	155500558 MEMBERSHIP DUES	-	320	25,000	(24,680)	-99%
	155500560 OFFICE EQUIP.MAINT. & REPAIRS	-	-	2,500	(2,500)	-100%
	155500561 POSTAGE	25	4,079	49,000	(44,921)	-92%
	155500562 SUBSCRIPTIONS	276	806	5,000	(4,195)	-84%
	155500563 MISCELLANEOUS OPERATING SUPPLIES	250	903	7,700	(6,797)	-88%
	155500564 MISCELLANEOUS TOOLS/EQUIPMENT	319	899	6,500	(5,601)	-86%
	155500567 EMPLOYEE MEDICAL/FIRST AID	-	-	500	(500)	-100%
	155500568 RANDOM DRUG TESTING	-	-	300	(300)	-100%
	155500570 PROPERTY/AUTO/GEN LIABILITY INSURANCE	-	(16,625)	95,000	(111,625)	-118%
	155500572 STATE MANDATES AND TARIFFS	1,236	3,929	32,000	(28,071)	-88%
	155500573 MISCELLANEOUS EXPENSES	-	628	4,500	(3,873)	-86%
	155500574 PUBLIC EDUCATION	-	-	10,000	(10,000)	-100%
	155500575 PROPERTY DAMAGE (CUSTOMER CLAIMS)	-	-	2,000	(2,000)	-100%
	155500578 IT SUPPORT/SOFTWARE SUPPORT	400	11,696	10,000	1,696	17%
	155500579 SHORTAGE/OVERAGE ACCOUNT	-	-	-	-	0%
	155500587 PRINCIPAL PAYMENT	-	-	985,000	(985,000)	-100%
	155500588 INTEREST EXPENSE	60,587	60,587	113,000	(52,414)	-46%
	155500631 NOTE COST OF ISSUANCE	-	-	7,500	(7,500)	-100%
	<b>Total Administration</b>	<b>\$ 200,842</b>	<b>\$ 454,651</b>	<b>\$ 3,015,200</b>	<b>\$ (2,560,549)</b>	<b>-85%</b>
<b>5510 Board of Directors</b>						
	155510271 BOARD OF DIRECTOR FEES	2,350	4,250	48,900	(44,650)	-91%
	155510291 SOCIAL SECURITY	146	264	3,100	(2,837)	-92%
	155510292 MEDICARE	34	62	700	(638)	-91%
	155510293 WORKER'S COMPENSATION INSURANCE	25	63	400	(337)	-84%
	155510551 SEMINAR & TRAVEL EXPENSES	123	123	1,000	(877)	-88%
	155510552 ELECTION EXPENSES	-	-	-	-	0%
	<b>Total Board of Directors</b>	<b>\$ 2,677</b>	<b>\$ 4,761</b>	<b>\$ 54,100</b>	<b>\$ (49,339)</b>	<b>-91%</b>
<b>5610 District Property - 560 Magnolia</b>						
	155610515 ELECTRIC - 560 MAGNOLIA AVE	2,250	4,647	21,000	(16,353)	-78%
	155610580 TELEPHONE - 560 MAGNOLIA AVE	1,914	5,917	25,000	(19,083)	-76%
	155610581 SANITATION - 560 MAGNOLIA AVE	122	414	1,800	(1,386)	-77%
	155610582 MAINTENANCE - 560 MAGNOLIA AVE	1,161	3,805	8,000	(4,195)	-52%
	<b>Total District Property - 560 Magnolia</b>	<b>\$ 5,446</b>	<b>\$ 14,783</b>	<b>\$ 55,800</b>	<b>\$ (41,017)</b>	<b>-74%</b>

MARCH BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
<b>5615 District Property - 12303 Oak Glen Rd</b>						
	155615515 ELECTRIC - 12303 OAK GLEN ROAD	179	639	2,000	(1,361)	-68%
	155615582 MAINTENANCE/REPAIR - 12303 OAK GLEN ROAD	-	-	1,200	(1,200)	-100%
	155615583 PROPANE - 12303 OAK GLEN ROAD	-	-	100	(100)	-100%
	<b>Total District Property - 12303 Oak Glen Rd</b>	<b>\$ 179</b>	<b>\$ 639</b>	<b>\$ 3,300</b>	<b>\$ (2,661)</b>	<b>-81%</b>
<b>5620 District Property JH- 13695 Oak Glen Rd</b>						
	155620515 ELECTRIC - 13695 OAK GLEN ROAD	48	165	1,000	(835)	-83%
	155620582 MAINTENANCE/REPAIR - 13695 OAK GLEN ROAD	280	280	500	(220)	-44%
	155620583 PROPANE - 13695 OAK GLEN ROAD	-	578	1,400	(822)	-59%
	<b>Total District Property JH- 13695 Oak Glen Rd</b>	<b>\$ 328</b>	<b>\$ 1,023</b>	<b>\$ 2,900</b>	<b>\$ (1,877)</b>	<b>-65%</b>
<b>5625 District Property JB- 13697 Oak Glen Rd</b>						
	155625515 ELECTRIC - 13697 OAK GLEN ROAD	183	568	2,000	(1,432)	-72%
	155625582 MAINTENANCE/REPAIR - 13697 OAK GLEN ROAD	280	280	500	(220)	-44%
	155625583 PROPANE - 13697 OAK GLEN ROAD	-	488	2,000	(1,512)	-76%
	<b>Total District Property JB- 13697 Oak Glen Rd</b>	<b>\$ 463</b>	<b>\$ 1,336</b>	<b>\$ 4,500</b>	<b>\$ (3,164)</b>	<b>-70%</b>
<b>5630 District Property - 9781 Avenida Miravi</b>						
	155630515 ELECTRIC - 9781 AVENIDA MIRAVILLA	81	257	1,500	(1,243)	-83%
	155630582 MAINTENANCE/REPAIR - 9781 AVENIDA MIRAVI	-	-	1,500	(1,500)	-100%
	155630583 PROPANE - 9781 AVENIDA MIRAVILLA	-	195	1,200	(1,005)	-84%
	<b>Total District Property - 9781 Avenida Miravi</b>	<b>\$ 81</b>	<b>\$ 452</b>	<b>\$ 4,200</b>	<b>\$ (3,748)</b>	<b>-89%</b>
<b>5635 District Office - 815 E. 12th Street</b>						
	155635515 ELECTRIC - 815 E. 12TH STREET	527	1,378	6,500	(5,122)	-79%
	155635580 TELEPHONE - 815 E. 12TH STREET	88	251	1,000	(749)	-75%
	155635581 SANITATION - 815 E. 12TH STREET	244	488	3,000	(2,512)	-84%
	155635582 MAINTENANCE/REPAIR - 815 E. 12TH STREET	429	1,104	5,000	(3,896)	-78%
	<b>Total District Office - 815 E. 12th Street</b>	<b>\$ 1,287</b>	<b>\$ 3,222</b>	<b>\$ 15,500</b>	<b>\$ (12,278)</b>	<b>-79%</b>
<b>5640 District Property - 11083 Cherry Ave</b>						
	155640581 SANITATION - 11083 CHERRY AVE	231	692	3,200	(2,508)	-78%
	<b>Total District Property - 11083 Cherry Ave</b>	<b>\$ 231</b>	<b>\$ 692</b>	<b>\$ 3,200</b>	<b>\$ (2,508)</b>	<b>-78%</b>
<b>5700 Maintenance &amp; General Plant</b>						
	155700589 AUTO/FUEL	5,256	12,502	75,000	(62,498)	-83%
	155700590 SAFETY EQUIPMENT	83	103	5,500	(5,397)	-98%
	155700591 COMMUNICATION MAINTENANCE	-	-	2,500	(2,500)	-100%
	155700592 REPAIR & MAINT OF GEN EQUIPMENT	367	367	15,000	(14,633)	-98%
	155700593 REPAIR VEHICLES AND TOOLS	-	-	-	-	0%
	155700594 LARGE EQUIPMENT MAINTENANCE	705	3,084	30,000	(26,916)	-90%
	155700595 EQUIP. PREVENTATIVE MAINTENANCE	-	-	-	-	0%
	155700596 FLEET REPAIR & MAINTENANCE	296	2,972	25,000	(22,028)	-88%
	155700597 MAINT GENERAL PLANT (BUILDINGS)	722	3,312	3,000	312	10%
	155700598 LANDSCAPE MAINTENANCE	1,855	2,893	2,500	393	16%
	155700601 RECHARGE FAC, CANYON & POND MAINTENANCE	17,964	19,954	25,000	(5,046)	-20%
	<b>Total Maintenance &amp; General Plant</b>	<b>\$ 27,248</b>	<b>\$ 51,076</b>	<b>\$ 183,500</b>	<b>\$ (138,313)</b>	<b>-75%</b>
<b>5800 Engineering (in-house)</b>						
	155800271 LABOR	3,072	15,452	133,900	(118,448)	-88%
	155800281 HEALTH INSURANCE	-	513	18,300	(17,787)	-97%
	155800282 RETIREMENT/CALPERS	-	1,564	37,300	(35,736)	-96%
	155800283 LIFE INSURANCE	-	38	700	(662)	-95%
	155800285 EDUCATION EXPENSE	-	-	2,500	(2,500)	-100%
	155800291 SOCIAL SECURITY	190	958	8,300	(7,342)	-88%
	155800292 MEDICARE	45	224	2,000	(1,776)	-89%
	155800293 WORKER'S COMPENSATION	52	760	9,600	(8,840)	-92%
	155800518 SEMINAR & TRAVEL EXPENSES	-	-	500	(500)	-100%
	155800546 SOFTWARE LICENSING	-	-	4,000	(4,000)	-100%

MARCH BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month Actuals	Year to Date Actuals	Annual Approved Budget	Variance (YTD to Annual) (Under)	% Variance (Annual Budget Remaining)
	<b>Total Engineering (in-house)</b>	\$ 3,359	\$ 19,509	\$ 217,100	\$ (197,591)	-91%
<b>5810 Prof. Services - Legal &amp; Accounting</b>						
155810611	GENERAL LEGAL	5,364	50,585	150,000	(99,415)	-66%
155810614	AUDIT	-	2,239	25,000	(22,761)	-91%
	<b>Total Prof. Services - Legal &amp; Accounting</b>	\$ 5,364	\$ 52,824	\$ 175,000	\$ (122,176)	-70%
<b>5820 Professional Services - Engineering</b>						
155820611	GENERAL ENGINEERING	31,690	53,099	50,000	3,099	6%
155820612	DEVELOPMENT - REIMB. ENGINEERING	-	64	10,000	(9,936)	-99%
155820615	ENGINEERING - PERMITTING (REC WATER)	-	-	4,000	(4,000)	-100%
155820617	GRANT & LOAN PROCUREMENT (REC WATER)	-	-	-	-	0%
	<b>Total Professional Services - Engineering</b>	\$ 31,690	\$ 53,163	\$ 64,000	\$ (10,837)	-17%
	<b>Total Expense</b>	\$ 851,361	\$ 2,016,426	\$ 10,048,400	\$ (8,037,863)	-80%
<b>155700599</b>	<b>SYSTEM DEPRECIATION</b>			\$ 1,850,000		



**Beaumont-Cherry Valley Water District  
Cash Balance & Investment Report  
As of March 30, 2012**

Account Name	Account Ending #	Cash Balance Per Account	
		Balance	Prior Month Balance
Bank Of Hemet			
Accounts Payable	8701	\$ 650,009.46	\$ 148,976.87
Customer Refunds	2501	\$ 45,478.45	\$ 46,689.08
Payroll	9101	\$ 245,184.79	\$ 292,836.70
General Fund	9501	\$ 1,330,552.63	\$ 1,553,212.49
Total Cash		\$ 2,271,225.33	\$ 2,041,715.14

<u>Investment Summary</u>			Actual % of				
Account Name	Market Value	Prior Month Balance	Total	Policy % Limit	Maturity	Rate	Interest to Date
Bank of Hemet: Local Agency Money Market Account	\$ 251,245.31	\$ 251,173.05	5%	15%-No Limit*	Liquid	0.35	\$ 1,214.81
Ca. State Treasurer's Office: Local Agency Investment Fund	\$ 4,519,564.62	\$ 4,519,564.62	95%	No Limit	Liquid	0.38	\$ -
<b>Total Investments</b>	<b><u>\$ 4,770,809.93</u></b>	<b><u>\$ 4,770,737.67</u></b>					<b><u>\$ 1,214.81</u></b>
<b>Total Cash &amp; Investments</b>	<b><u>\$ 7,042,035.26</u></b>						

\*Clarifying Additional Investment Information with External Auditors as of 4/25/12  
Note: Prior month balance of Payroll account for February 2012 report was not correctly updated

## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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Date : Apr 23, 2012

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Supplier : A&A FENCE To ZETLMAIER  
 Pay Date : 01-Apr-2012 To 30-Apr-2012  
 Bank : 1 To 9

Seq : Cheque No. Status : All  
 Medium : M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #	Account No.		Account Description			1099 Type	1099 Box	Amount
10	CUSTOMER REFUNDS							
1330	19-Apr-2012	STMP001324	BUTCHER, ANN		Issued	87	C	
Invoice Description:Refund on account 032-0521-000.								
UBREFAPR1712	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					75.00
	1-1-1610-194		SUSPENSE					67.28
	1-1-1610-194		SUSPENSE					75.00
Invoice Total :								667.28
Cheque # 1330 Total :								667.28
-----								
1331	19-Apr-2012	STMP001325	WHEELER, TIFFANY		Issued	87	C	
Invoice Description:Refund on account 039-5432-005.								
UBREFAPR1712	1-1-1610-194		SUSPENSE					26.47
Invoice Total :								26.47
Cheque # 1331 Total :								26.47



## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #	Account No.		Account Description			1099 Type	1099 Box	Amount
<hr/>								
7	ACCOUNTS PAYABLE							
42988	05-Apr-2012	ACCOUNTEMP	ACCOUNTEMPS		Issued	75	C	
Invoice Description:WK END WK 03/15/12 ACCOUNTANT								
35220498	1-5-5500-553		TEMPORARY LABOR					900.33
Invoice Total :								900.33
Cheque # 42988 Total :								900.33
<hr/>								
42989	05-Apr-2012	AIRPROSERV	AIR PRO SERVICES		Issued	75	C	
Invoice Description:AC MAINT YR 13695 OAK GLEN								
106641	1-5-5620-582		MAINTENANCE/REPAIR - 13695 OAK GLEN ROAD					159.00
Invoice Total :								159.00
Invoice Description:AC MAINT YR 13697 OAK GLEN RD								
106642	1-5-5625-582		MAINTENANCE/REPAIR - 13697 OAK GLEN ROAD					159.00
Invoice Total :								159.00
Invoice Description:FILTERS 13697 OAK GLEN								
130668	1-5-5625-582		MAINTENANCE/REPAIR - 13697 OAK GLEN ROAD					19.00
Invoice Total :								19.00
Invoice Description:FILTERS 13695 OAK GLEN								
130670	1-5-5620-582		MAINTENANCE/REPAIR - 13695 OAK GLEN ROAD					19.00
Invoice Total :								19.00
Cheque # 42989 Total :								356.00
<hr/>								
42990	05-Apr-2012	ALLPURPOSE	ALL PURPOSE RENTALS		Issued	75	C	
Invoice Description:MAIN LINE LEAK FIRE PROTECTION								
11493	1-5-5300-530		MAINT PIPELINE/FIRE HYDRANT					60.50
Invoice Total :								60.50
Cheque # 42990 Total :								60.50
<hr/>								
42991	05-Apr-2012	ALSCO	ALSCO		Issued	75	C	
Invoice Description:560 MAGNOLIA FLOOR ENTRY MATS								
LYUM591330	1-5-5610-582		MAINTENANCE - 560 MAGNOLIA AVE					26.25
Invoice Total :								26.25
Invoice Description:815 E. 12TH FLOOR ENTRY MATS								
LYUM591333	1-5-5635-582		MAINTENANCE/REPAIR - 815 E. 12TH STREET					27.30
Invoice Total :								27.30
Cheque # 42991 Total :								53.55
<hr/>								
42992	05-Apr-2012	AWTSYSTEMS	AWT CHEMICALS		Issued	75	C	
Invoice Description:11 PALLETS OF PPG SI TABLETS								
11-906	1-5-5200-511		TREATMENT & CHEMICALS					31036.40
Invoice Total :								31036.40
Cheque # 42992 Total :								31036.40
<hr/>								
42993	05-Apr-2012	B ACE HOME	BEAUMONT DO IT BEST HOME CENTER		Issued	75	C	
Invoice Description:WELL 24 CHLORINATOR REPAIRS								
351229	1-5-5200-513		MAINTENANCE EQUIPMENT (PUMPING)					6.23

**BEAUMONT-CHERRY VALLEY WATER DISTRICT**
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Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #	Account No.		Account Description			1099 Type	1099 Box	Amount
						Invoice Total :		6.23
Invoice Description:FLEX FITTINGS ON MTR B LINE								
351428	1-5-5300-534		MAINT METERS & SERVICES					47.35
						Invoice Total :		47.35
Invoice Description:BROKEN TELEMETRY MTRS A&B								
351463	1-5-5200-517		TELEMETRY MAINTENANCE					73.08
						Invoice Total :		73.08
Invoice Description:CHLORINATORS ACID WASH								
351523	1-5-5200-513		MAINTENANCE EQUIPMENT (PUMPING)					2.68
						Invoice Total :		2.68
Invoice Description:GRADING PONDS-STAKES, PAINT, TAPE								
351715	2-1-1201-703		Material					71.33
						Invoice Total :		71.33
Invoice Description:12TH & PALM YARD STOCK								
351724	1-5-5635-582		MAINTENANCE/REPAIR - 815 E. 12TH STREET					21.00
	1-5-5700-598		LANDSCAPE MAINTENANCE					128.51
	1-5-5500-563		MISCELLANEOUS OPERATING SUPPLIES					11.31
	1-5-5500-564		MISCELLANEOUS TOOLS/EQUIPMENT					14.95
	1-5-5300-534		MAINT METERS & SERVICES					58.62
						Invoice Total :		234.39
Invoice Description:WELL 16 & 21 REPAIRS								
351753	1-5-5200-513		MAINTENANCE EQUIPMENT (PUMPING)					35.86
						Invoice Total :		35.86
						Cheque # 42993 Total :		470.92
-----								
42994	05-Apr-2012	BRIANSLIVE	BRIAN'S LIVE BEE REMOVAL		Issued	75	C	
Invoice Description:EDGAR CYN 7 BEE HIVES								
312.46	2-1-1201-701		Outside/Inside Labor					500.00
						Invoice Total :		500.00
						Cheque # 42994 Total :		500.00
-----								
42995	05-Apr-2012	BTIRE	BEAUMONT TIRE		Issued	75	C	
Invoice Description:UNIT 15 TIRE REPAIR								
3087	1-5-5700-596		FLEET REPAIR & MAINTENANCE					20.00
						Invoice Total :		20.00
						Cheque # 42995 Total :		20.00
-----								
42996	05-Apr-2012	CDPH-OCF	CA DEPT OF PUBLIC HEALTH		Issued	75	C	
Invoice Description:WATER SYSTEM 3310002 FEES 7/1/11**12/31/11								
1250375	1-5-5500-572		STATE MANDATES AND TARRIFFS					1209.60
						Invoice Total :		1209.60
						Cheque # 42996 Total :		1209.60
-----								
42997	05-Apr-2012	CEDBEAUMO	CED BEAUMONT		Issued	75	C	
Invoice Description:2 1P 20A 120 VOLT								
0954-427139	1-5-5200-513		MAINTENANCE EQUIPMENT (PUMPING)					206.02

## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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Bank Code	Bank Name	Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	Amount
Invoice #	Account No.	Account Description	1099 Type	1099 Box					
Invoice Total :									206.02
Cheque # 42997 Total :									206.02
42998	05-Apr-2012	CONTROLVAL	CONTROL VALVE SYSTEMS INC	Issued	75	C			
Invoice Description:EDGAR RESV									
2203	1-5-5300-537	MAINTENANCE PRESSURE REGULATORS							1533.74
Invoice Total :									1533.74
Invoice Description:REBUILT CDS5									
2204	1-5-5300-537	MAINTENANCE PRESSURE REGULATORS							496.10
Invoice Total :									496.10
Cheque # 42998 Total :									2029.84
42999	05-Apr-2012	CUSTOMTROP	CUSTOM TROPHIES	Issued	75	C			
Invoice Description:BOARD ROOM NAME PLATES									
010044	1-5-5500-555	OFFICE SUPPLIES							28.02
Invoice Total :									28.02
Cheque # 42999 Total :									28.02
43000	05-Apr-2012	DANGELO	DANGELO CO.	Issued	75	C			
Invoice Description:parts gsk 10" ring fiber tead-it									
S1161358.001	1-1-1310-180	INVENTORY							106.47
	1-1-1310-180	INVENTORY							8.25
Invoice Total :									114.72
Cheque # 43000 Total :									114.72
43001	05-Apr-2012	DAVIDLARGO	LARGO, DAVID	Issued	75	C			
Invoice Description:NATIVE MONITORING 3/21-3/22 EDGAR CYN									
032612	2-1-1201-701	Outside/Inside Labor			MISC	03			480.00
Invoice Total :									480.00
Invoice Description:NATIVE MONITORING 3/26-3/29/12									
040112	2-1-1201-701	Outside/Inside Labor			MISC	03			1110.00
Invoice Total :									1110.00
Cheque # 43001 Total :									1590.00
43002	05-Apr-2012	DELL	DELL MARKETING C/O DELL USA	Issued	75	C			
Invoice Description:LAPTOP DOCING STATIONS									
XFP986C76	1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS							194.98
	1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS							15.11
Invoice Total :									210.09
Cheque # 43002 Total :									210.09
43003	05-Apr-2012	DEPTOFFORE	DEPT. OF FORESTRY & FIRE PROTECTION	Issued	75	C			
Invoice Description:EDGAR CYN 28 DAYS CREW WORK									
106154	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							6305.04
Invoice Total :									6305.04
Invoice Description:18 DAYS CREW WORK PRE-FIRE REDUCTION									
106157	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							4053.24

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Bank Code	Bank Name				Status	Batch	Medium	
Cheque #	Cheque Date	Supplier Code	Supplier Name			1099 Type	1099 Box	Amount
Invoice #	Account No.		Account Description					
Invoice Total :								4053.24
Cheque # 43003 Total :								10358.28
43004	05-Apr-2012	EDISON	SOUTHERN CALIFORNIA EDISON		Issued	75 C		
Invoice Description:2-03-395-0783 9781 AVENIDA MIRAVILLA								
0783/0312	1-5-5630-515		ELECTRIC - 9781 AVENIDA MIRAVILLA					80.71
Invoice Total :								80.71
Invoice Description:2-03-937-4889								
4889/0312	1-5-5200-515		UTILITIES - ELECTRIC					53155.45
Invoice Total :								53155.45
Invoice Description:2-13-846-5000 13695 OAK GLEN RD								
5000/0312	1-5-5620-515		ELECTRIC - 13695 OAK GLEN ROAD					48.21
Invoice Total :								48.21
Invoice Description:2-13-678-7348 12303 OAK GLEN RD								
7348/0312	1-5-5615-515		ELECTRIC - 12303 OAK GLEN ROAD					179.39
Invoice Total :								179.39
Invoice Description:2-13-772-8200 13697 OAK GLEN RD								
8200/0312	1-5-5625-515		ELECTRIC - 13697 OAK GLEN ROAD					182.55
Invoice Total :								182.55
Cheque # 43004 Total :								53646.31
43005	05-Apr-2012	ESBABCOCK	ES BABCOCK		Issued	75 C		
Invoice Description:12 WATER SAMPLES								
BC20736-0034	1-5-5200-512		LAB TESTING					480.00
Invoice Total :								480.00
Invoice Description:8 WATER SAMPLES								
BC22261-0034	1-5-5200-512		LAB TESTING					320.00
Invoice Total :								320.00
Invoice Description:4 WATER SAMPLES								
BC22270-0034	1-5-5200-512		LAB TESTING					160.00
Invoice Total :								160.00
Invoice Description:1 WATER SAMPLE								
BC22272-0034	1-5-5200-512		LAB TESTING					40.00
Invoice Total :								40.00
Cheque # 43005 Total :								1000.00
43006	05-Apr-2012	FRASERERIC	FRASER, ERIC		Issued	75 C		
Invoice Description:COLTON SURVEYING INV REIMB EDGAR CYN								
6524	2-1-1201-703		Material					195.25
Invoice Total :								195.25
Cheque # 43006 Total :								195.25
43007	05-Apr-2012	GASCO	THE GAS COMPANY		Issued	75 C		
Invoice Description:07132135000								
5000/0312	1-5-5200-514		UTILITIES - GAS					13.81

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Bank Code	Bank Name	Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	Amount
Invoice #	Account No.	Account Description	1099 Type	1099 Box					
Invoice Total :									13.81
Cheque # 43007 Total :									13.81
43008	05-Apr-2012	HUDECS	HCC TECHNOLOGY INC.	Issued	75	C			
Invoice Description:03/06/12**03/21/12									
127	1-5-5500-578	IT SUPPORT/SOFTWARE SUPPORT							400.00
Invoice Total :									400.00
Cheque # 43008 Total :									400.00
43009	05-Apr-2012	INLANDWATE	INLAND WATER WORKS	Issued	75	C			
Invoice Description:Parts									
240036	1-1-1310-180	INVENTORY							1161.00
	1-1-1310-180	INVENTORY							1292.00
	1-1-1310-180	INVENTORY							1077.30
	1-1-1310-180	INVENTORY							952.00
	1-1-1310-180	INVENTORY							287.50
	1-1-1310-180	INVENTORY							369.66
Invoice Total :									5139.46
Invoice Description:parts									
240524	1-1-1310-180	INVENTORY							111.75
	1-1-1310-180	INVENTORY							264.00
	1-1-1310-180	INVENTORY							29.12
Invoice Total :									404.87
Invoice Description:Parts									
240525	1-1-1310-180	INVENTORY							408.00
	1-1-1310-180	INVENTORY							31.62
Invoice Total :									439.62
Cheque # 43009 Total :									5872.87
43010	05-Apr-2012	KABOOLEASI	KABOO LEASING CO.	Issued	75	C			
Invoice Description:MILE HIGH RD WELD FABRICATE									
341005	1-5-5300-530	MAINT PIPELINE/FIRE HYDRANT	MISC	03					1365.00
Invoice Total :									1365.00
Cheque # 43010 Total :									1365.00
43011	05-Apr-2012	MACROCOMML	MACRO COMMUNICATIONS	Issued	75	C			
Invoice Description:MARCH-APRIL WEB HOSTING									
5511	1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS							300.00
Invoice Total :									300.00
Cheque # 43011 Total :									300.00
43012	05-Apr-2012	MIKEMCGEOR	MIKE MCGEORGE GOPHER CONTROL	Issued	75	C			
Invoice Description:GOPHER SERVICE REC FAC SUMMER SCHED									
23574	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE	MISC	03					400.00
Invoice Total :									400.00
Cheque # 43012 Total :									400.00
43013	05-Apr-2012	NATIONAL M	NATIONAL METER & AUTOMATION	Issued	75	C			

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Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #	Account No.		Account Description			1099 Type	1099 Box	Amount
Invoice Description:order meters								
S1037838.001	1-1-1310-180		INVENTORY					5750.00
	1-1-1310-180		INVENTORY					840.00
	1-1-1310-180		INVENTORY					144.16
	1-1-1310-180		INVENTORY					510.73
Invoice Total :								7244.89
Cheque # 43013 Total :								7244.89
43014	05-Apr-2012	ONLINE INF	ONLINE INFORMATION SERVICES		Issued	75	C	
Invoice Description:91 CUSTOMER UTILITY REPORTS								
402290	1-5-5500-562		SUBSCRIPTIONS					275.70
Invoice Total :								275.70
Cheque # 43014 Total :								275.70
43015	05-Apr-2012	PRESTIGEMO	PRESTIGE MOBILE DETAIL		Issued	75	C	
Invoice Description:12,18,13,22,5,8,10,11,21,1								
040212	1-5-5700-596		FLEET REPAIR & MAINTENANCE			MISC	03	192.00
Invoice Total :								192.00
Cheque # 43015 Total :								192.00
43016	05-Apr-2012	SAFEGUARD	SAFEGUARD		Issued	75	C	
Invoice Description:BILLING ENVELOPES-REMIT, WINDOW, REGULAR								
027722181	1-5-5500-555		OFFICE SUPPLIES					1479.00
Invoice Total :								1479.00
Cheque # 43016 Total :								1479.00
43017	05-Apr-2012	SGPWA	SAN GORGONIO PASS WATER AGENCY		Issued	75	C	
Invoice Description:MARCH 640 AF								
12-00018	1-5-5200-620		STATE PROJECT WATER PURCHASED					202880.00
Invoice Total :								202880.00
Cheque # 43017 Total :								202880.00
43018	05-Apr-2012	SOUTHMESA	SOUTH MESA WATER COMPANY		Issued	75	C	
Invoice Description:MAY WATER PURCHASE								
040112	1-5-5200-623		Ground Water Purch -South Mesa Mutual Wa					85167.00
Invoice Total :								85167.00
Cheque # 43018 Total :								85167.00
43019	05-Apr-2012	STAPLES	STAPLES ADVANTAGE		Issued	75	C	
Invoice Description:OFFICE SUPPLIES								
8021357954	1-5-5500-555		OFFICE SUPPLIES					111.27
Invoice Total :								111.27
Invoice Description:OFFICE SUPPLIES								
8021419224	1-5-5500-555		OFFICE SUPPLIES					132.44
Invoice Total :								132.44
Cheque # 43019 Total :								243.71

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Bank Code	Bank Name						
Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	
Invoice #	Account No.	Account Description			1099 Type	1099 Box	Amount
43020	05-Apr-2012	TERMINIX	TERMINIX	Issued	75	C	
Invoice Description: 13697 OAK GLEN RD							
313085304	1-5-5625-582	MAINTENANCE/REPAIR - 13697 OAK GLEN ROAD					102.00
Invoice Total :							102.00
Invoice Description: 13695 OAK GLEN RD							
313130914	1-5-5620-582	MAINTENANCE/REPAIR - 13695 OAK GLEN ROAD					102.00
Invoice Total :							102.00
Cheque # 43020 Total :							204.00
43021	05-Apr-2012	TRENCHSHOR	TRENCH SHORING	Issued	75	C	
Invoice Description: repair on the gas detector reepair							
594615	1-5-5700-592	REPAIR & MAINT OF GEN EQUIPMENT					225.00
	1-5-5700-592	REPAIR & MAINT OF GEN EQUIPMENT					25.00
	1-5-5700-592	REPAIR & MAINT OF GEN EQUIPMENT					100.00
	1-5-5700-592	REPAIR & MAINT OF GEN EQUIPMENT					17.44
Invoice Total :							367.44
Cheque # 43021 Total :							367.44
43022	05-Apr-2012	VADIM	VADIM	Issued	75	C	
Invoice Description: FEB ONSITE SOFTWARE TRAINING							
I-VU00293	1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS					6024.75
Invoice Total :							6024.75
Cheque # 43022 Total :							6024.75
43023	05-Apr-2012	VERIZON	VERIZON	Issued	75	C	
Invoice Description: 012569112623536010							
0159/0312	1-5-5610-580	TELEPHONE - 560 MAGNOLIA AVE					147.27
Invoice Total :							147.27
Invoice Description: 012569112653955509							
1549/0312	1-5-5635-580	TELEPHONE - 815 E. 12TH STREET					87.96
Invoice Total :							87.96
Invoice Description: 1144739781							
9781/0312	1-5-5610-580	TELEPHONE - 560 MAGNOLIA AVE					134.99
Invoice Total :							134.99
Cheque # 43023 Total :							370.22
43024	05-Apr-2012	VERIZONIP	VERIZON BUSINESS	Issued	75	C	
Invoice Description: 6000066138X26							
60000661381203	1-5-5610-580	TELEPHONE - 560 MAGNOLIA AVE					1110.59
Invoice Total :							1110.59
Cheque # 43024 Total :							1110.59
43025	05-Apr-2012	WASTEMANAG	WASTE MANAGEMENT OF INLAND EMPIRE	Issued	75	C	
Invoice Description: APRIL 815 E. 12TH ST							
0779837-2371-7	1-5-5635-581	SANITATION - 815 E. 12TH STREET					243.84
Invoice Total :							243.84
Invoice Description: APRIL 560 MAGNOLIA AVE							

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Bank Code	Bank Name	Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	Amount
Invoice #	Account No.	Account Description	1099 Type	1099 Box					
0779838-2371-5	1-5-5610-581	SANITATION - 560 MAGNOLIA AVE							122.20
<b>Invoice Total :</b>									122.20
<b>Cheque # 43025 Total :</b>									366.04
43026	05-Apr-2012	XEROX	XEROX CORPORATION	Issued		75	C		
Invoice Description:MARCH									
060922829	1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS							2321.66
<b>Invoice Total :</b>									2321.66
<b>Cheque # 43026 Total :</b>									2321.66
43027	10-Apr-2012	USPOSTAL	US POSTAL SERVICE	Issued		78	C		
Invoice Description:PRESORTED MAIL BILL POSTAGE PERMIT #31									
041012	1-5-5500-561	POSTAGE							8000.00
<b>Invoice Total :</b>									8000.00
<b>Cheque # 43027 Total :</b>									8000.00
43028	19-Apr-2012	ACPROPANE	AC PROPANE	Issued		88	C		
Invoice Description:DISTRICT HOUSE PROPANE									
041112	1-5-5620-583	PROPANE - 13695 OAK GLEN ROAD							463.15
	1-5-5625-583	PROPANE - 13697 OAK GLEN ROAD							444.30
	1-5-5630-583	PROPANE - 9781 AVENIDA MIRAVILLA							285.86
	1-5-5615-583	PROPANE - 12303 OAK GLEN ROAD							52.80
	1-5-5630-583	PROPANE - 9781 AVENIDA MIRAVILLA							52.80
<b>Invoice Total :</b>									1298.91
<b>Cheque # 43028 Total :</b>									1298.91
43029	19-Apr-2012	ACTIONTRUE	ACTION TRUE VALUE HARDWARE	Issued		88	C		
Invoice Description:02/28/12**03/21/12									
39931	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							762.20
	1-5-5300-534	MAINT METERS & SERVICES							45.61
	1-5-5700-597	MAINT GENERAL PLANT (BUILDINGS)							32.53
	1-5-5500-564	MISCELLANEOUS TOOLS/EQUIPMENT							11.62
	1-5-5200-513	MAINTENANCE EQUIPMENT (PUMPING)							15.39
	2-1-1201-271	Labor							5.38
<b>Invoice Total :</b>									872.73
Invoice Description:03/21/12**03/28/12									
39995	1-5-5300-534	MAINT METERS & SERVICES							45.58
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							4.01
	1-5-5500-563	MISCELLANEOUS OPERATING SUPPLIES							4.27
<b>Invoice Total :</b>									53.86
<b>Cheque # 43029 Total :</b>									926.59
43030	19-Apr-2012	AIR&HOSESO	AIR & HOSE SOURCE INC.	Issued		88	C		
Invoice Description:parts for orchard pond project									
02-19904	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							5600.00
	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							53.13
	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							38.77
	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							441.12
<b>Invoice Total :</b>									6133.02



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Bank Code	Bank Name	Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	Amount
Invoice #	Account No.	Account Description	1099 Type	1099 Box					
Cheque # 43030 Total :									6133.02
43031	19-Apr-2012	ALSCO	ALSCO	Issued	88	C			
Invoice Description:560 MAGNOLIA									
LYUM596158	1-5-5610-582	MAINTENANCE - 560 MAGNOLIA AVE							26.25
Invoice Total :									26.25
Invoice Description:815 E. 12TH									
LYUM596161	1-5-5500-563	MISCELLANEOUS OPERATING SUPPLIES							6.00
	1-5-5635-582	MAINTENANCE/REPAIR - 815 E. 12TH STREET							27.60
Invoice Total :									33.60
Cheque # 43031 Total :									59.85
43032	19-Apr-2012	ARCO	ARCO BUSINESS SOLUTIONS	Issued	88	C			
Invoice Description:HW201 03/12/12*04/11/12 INCL DOZER/TRACTOR									
041212	1-5-5700-589	AUTO/FUEL							11001.79
Invoice Total :									11001.79
Cheque # 43032 Total :									11001.79
43033	19-Apr-2012	B ACE HOME	BEAUMONT DO IT BEST HOME CENTER	Issued	88	C			
Invoice Description:ALTEJO BELLA LEAK PARTS									
352237	1-5-5300-534	MAINT METERS & SERVICES							145.53
Invoice Total :									145.53
Invoice Description:ODA TRASH BAGS									
352359	1-5-5700-601	RECHARGE FAC, CANYON & POND MAINTENANCE							51.04
Invoice Total :									51.04
Invoice Description:WELL 26 CHLORINATOR REPAIR									
352455	1-5-5200-513	MAINTENANCE EQUIPMENT (PUMPING)							10.31
Invoice Total :									10.31
Invoice Description:REPLACE BROKEN RAIN GAUGES									
352513	1-5-5500-564	MISCELLANEOUS TOOLS/EQUIPMENT							16.11
Invoice Total :									16.11
Invoice Description:WELL 19 KEY, LIGHT BULBS									
352585	1-5-5700-597	MAINT GENERAL PLANT (BUILDINGS)							7.32
	1-5-5300-535	BACKFLOW DEVICES							0.97
	1-5-5500-563	MISCELLANEOUS OPERATING SUPPLIES							1.71
Invoice Total :									10.00
Cheque # 43033 Total :									232.99
43034	19-Apr-2012	BLAWN MOWER	BEAUMONT LAWN MOWER	Issued	88	C			
Invoice Description:WEEDEATER HEADS									
320730	1-5-5700-598	LANDSCAPE MAINTENANCE							84.01
Invoice Total :									84.01
Cheque # 43034 Total :									84.01
43035	19-Apr-2012	C&B CRUSHIN	C&B CRUSHING INC	Issued	88	C			
Invoice Description:LEAK REPAIR BROKEN ASPHALT									
3697	1-5-5300-530	MAINT PIPELINE/FIRE HYDRANT							50.00

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Bank Code	Bank Name	Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	Amount
Invoice #	Account No.	Account Description	1099 Type	1099 Box					
Invoice Total :									50.00
Cheque # 43035 Total :									50.00
43036	19-Apr-2012	CALTOOL	CA TOOL & WELDING	Issued	88	C			
Invoice Description:OXYGEN/ACETYLENE									
DC76045	1-5-5500-563	MISCELLANEOUS OPERATING SUPPLIES							46.80
Invoice Total :									46.80
Cheque # 43036 Total :									46.80
43037	19-Apr-2012	CLEANBYDES	CLEAN BY DESIGN INC.	Issued	88	C			
Invoice Description:APRIL JANITORIAL SERVICES									
1096	1-5-5610-582	MAINTENANCE - 560 MAGNOLIA AVE							875.00
	1-5-5635-582	MAINTENANCE/REPAIR - 815 E. 12TH STREET							235.00
Invoice Total :									1110.00
Cheque # 43037 Total :									1110.00
43038	19-Apr-2012	COLTONSURV	COLTON SURVEYING INSTRUMENTS	Issued	88	C			
Invoice Description:STAKES, FLAGGING TAPE, LATH									
14157	2-1-1201-703	Material							118.14
Invoice Total :									118.14
Cheque # 43038 Total :									118.14
43039	19-Apr-2012	CR&RINCORP	CR&R INC	Issued	88	C			
Invoice Description:11083 CHERRY AVE									
0064021	1-5-5640-581	SANITATION - 11083 CHERRY AVE							230.57
Invoice Total :									230.57
Cheque # 43039 Total :									230.57
43040	19-Apr-2012	CUTTING ED	CUTTING EDGE SUPPLY CO	Issued	88	C			
Invoice Description:For the dozer									
COLINV030404	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							237.86
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							131.54
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							131.54
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							74.36
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							38.28
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							36.96
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							50.40
Invoice Total :									700.94
Invoice Description:digging teeth for loader									
COLINV030498	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							52.56
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							31.08
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							15.20
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							7.76
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							49.70
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							27.16
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							31.08
	1-5-5700-594	LARGE EQUIPMENT MAINTENANCE							16.62
Invoice Total :									231.16
Cheque # 43040 Total :									932.10

## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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Supplier : A&A FENCE To ZETLMAIER  
 Pay Date : 01-Apr-2012 To 30-Apr-2012  
 Bank : 1 To 9

Seq : Cheque No. Status : All  
 Medium : M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name				Status	Batch	Medium	
Cheque #	Cheque Date	Supplier Code	Supplier Name			1099 Type	1099 Box	Amount
Invoice #	Account No.	Account Description						
43041	19-Apr-2012	DAVIDLARGO	LARGO, DAVID		Issued		88 C	
Invoice Description:04/09/12**04/12/12 NATIVE MONITORING								
004	2-1-1201-701	Outside/Inside Labor				MISC	03	1050.00
Invoice Total :								1050.00
Invoice Description:04/02/12**04/05/12 NATIVE MONITORING								
040912	2-1-1201-701	Outside/Inside Labor				MISC	03	1140.00
Invoice Total :								1140.00
Cheque # 43041 Total :								2190.00
-----								
43042	19-Apr-2012	EDISON	SOUTHERN CALIFORNIA EDISON		Issued		88 C	
Invoice Description:560 MAGNOLIA AVE								
8734/0412	1-5-5610-515	ELECTRIC - 560 MAGNOLIA AVE						1036.59
Invoice Total :								1036.59
Cheque # 43042 Total :								1036.59
-----								
43043	19-Apr-2012	ESBABCOCK	ES BABCOCK		Issued		88 C	
Invoice Description:12 WATER SAMPLES								
BC20079-0034	1-5-5200-512	LAB TESTING						480.00
Invoice Total :								480.00
Invoice Description:TAYLOR & EDGAR SAMPLES								
BC22803-0034	1-5-5200-512	LAB TESTING						510.00
Invoice Total :								510.00
Invoice Description:12 WATER SAMPLES								
BD20042-0034	1-5-5200-512	LAB TESTING						480.00
Invoice Total :								480.00
Invoice Description:1 WATER SAMPLE								
BD20334-0034	1-5-5200-512	LAB TESTING						15.00
Invoice Total :								15.00
Invoice Description:1 WATER SAMPLE								
BD20335-0034	1-5-5200-512	LAB TESTING						15.00
Invoice Total :								15.00
Invoice Description:12 WATER SAMPLES								
BD20665-0034	1-5-5200-512	LAB TESTING						480.00
Invoice Total :								480.00
Invoice Description:3 WATER SAMPLES								
BD20667-0034	1-5-5200-512	LAB TESTING						120.00
Invoice Total :								120.00
Cheque # 43043 Total :								2100.00
-----								
43044	19-Apr-2012	FREEMANOFF	FREEMAN OFFICE PRODUCTS		Issued		88 C	
Invoice Description:HP COLOR DRUMS, CLEANING KITS, TONER								
483914-0	1-5-5500-555	OFFICE SUPPLIES						2465.23
Invoice Total :								2465.23
Cheque # 43044 Total :								2465.23

## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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 Pay Date : 01-Apr-2012 To 30-Apr-2012  
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Seq : Cheque No. Status : All  
 Medium : M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name						
Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium	
Invoice #	Account No.	Account Description			1099 Type	1099 Box	Amount
43045	19-Apr-2012	HASLE000	MAIL FINANCE	Issued	88	C	
Invoice Description:MAIL BILL STUFFER MACHINE 04/12*08/12							
H3216737	1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS					4667.99
Invoice Total :							4667.99
Cheque # 43045 Total :							4667.99
43046	19-Apr-2012	HOMEDEPOT	HOME DEPOT CREDIT SERVICES	Issued	88	C	
Invoice Description:6035322014946184							
6184/0312	1-5-5200-513	MAINTENANCE EQUIPMENT (PUMPING)					107.54
	1-5-5700-597	MAINT GENERAL PLANT (BUILDINGS)					375.09
	1-5-5700-597	MAINT GENERAL PLANT (BUILDINGS)					49.91
	1-5-5700-590	SAFETY EQUIPMENT					30.72
	1-5-5500-564	MISCELLANEOUS TOOLS/EQUIPMENT					80.54
	1-5-5700-590	SAFETY EQUIPMENT					52.04
Invoice Total :							695.84
Cheque # 43046 Total :							695.84
43047	19-Apr-2012	INLANDWATE	INLAND WATER WORKS	Issued	88	C	
Invoice Description:parts							
240722	1-1-1310-180	INVENTORY					114.10
	1-1-1310-180	INVENTORY					155.70
	1-1-1310-180	INVENTORY					163.00
	1-1-1310-180	INVENTORY					40.90
	1-1-1310-180	INVENTORY					47.00
	1-1-1310-180	INVENTORY					17.90
	1-1-1310-180	INVENTORY					60.00
	1-1-1310-180	INVENTORY					89.00
	1-1-1310-180	INVENTORY					126.00
	1-1-1310-180	INVENTORY					197.40
	1-1-1310-180	INVENTORY					298.40
	1-1-1310-180	INVENTORY					126.70
	1-1-1310-180	INVENTORY					280.00
	1-5-5300-530	MAINT PIPELINE/FIRE HYDRANT					144.00
	1-1-1310-180	INVENTORY					51.00
	1-5-5300-530	MAINT PIPELINE/FIRE HYDRANT					15.00
	1-1-1310-180	INVENTORY					68.00
	1-1-1310-180	INVENTORY					35.00
	1-1-1310-180	INVENTORY					37.20
	1-1-1310-180	INVENTORY					178.50
	1-5-5300-530	MAINT PIPELINE/FIRE HYDRANT					12.32
	1-1-1310-180	INVENTORY					161.65
Invoice Total :							2418.77
Invoice Description:parts							
240723	1-1-1310-180	INVENTORY					155.00
	1-1-1310-180	INVENTORY					12.01
Invoice Total :							167.01
Invoice Description:parts for brookside job							
240770	1-1-1310-180	INVENTORY					3825.00
	1-1-1310-180	INVENTORY					296.44
Invoice Total :							4121.44
Invoice Description:parts							
240905	1-1-1310-180	INVENTORY					130.40

**BEAUMONT-CHERRY VALLEY WATER DISTRICT**
**Cheque Register - Detail - Bank**

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**Seq :** Cheque No. **Status :** All  
**Medium :** M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium		
Invoice #	Account No.		Account Description		1099 Type	1099 Box		Amount
	1-1-1310-180		INVENTORY					103.80
	1-1-1310-180		INVENTORY					1217.40
	1-1-1310-180		INVENTORY					67.30
	1-5-5300-531		LINE LOCATES					300.00
	1-5-5300-531		LINE LOCATES					300.00
	1-1-1310-180		INVENTORY					117.72
	1-5-5300-531		LINE LOCATES					46.50
						Invoice Total :		2283.12
Invoice Description:parts for brookside job								
240906	1-1-1310-180		INVENTORY					160.00
	1-1-1310-180		INVENTORY					72.00
	1-1-1310-180		INVENTORY					17.98
						Invoice Total :		249.98
Invoice Description:parts for brookside job								
240910	1-1-1310-180		INVENTORY					1361.00
	1-1-1310-180		INVENTORY					105.48
						Invoice Total :		1466.48
Invoice Description:parts for brookside job								
240912	1-1-1310-180		INVENTORY					1510.00
	1-1-1310-180		INVENTORY					117.03
						Invoice Total :		1627.03
						Cheque # 43047 Total :		12147.27
-----								
43048	19-Apr-2012	JOHNSONMAC	JOHNSON MACHINERY CO	Issued		88 C		
Invoice Description:DOZER TRANSMISSION OIL, KEYS								
PC001161808	1-5-5700-594		LARGE EQUIPMENT MAINTENANCE					253.51
						Invoice Total :		253.51
Invoice Description:LOADER PREVENTIVE MAINT.								
SW000165159	1-5-5700-594		LARGE EQUIPMENT MAINTENANCE					1256.67
						Invoice Total :		1256.67
						Cheque # 43048 Total :		1510.18
-----								
43049	19-Apr-2012	MIKEMCGEOR	MIKE MCGEORGE GOPHER CONTROL	Issued		88 C		
Invoice Description:GOPHER SERVICE APRIL								
23789	1-5-5700-601		RECHARGE FAC, CANYON & POND MAINTENANCE		MISC	03		400.00
						Invoice Total :		400.00
						Cheque # 43049 Total :		400.00
-----								
43050	19-Apr-2012	NAPAAUTOPA	NAPA AUTO PARTS	Issued		88 C		
Invoice Description:YARD STOCK, UNITS 2, 16 BULBS, SOCKETS								
752050	1-5-5500-564		MISCELLANEOUS TOOLS/EQUIPMENT					14.00
	1-5-5700-596		FLEET REPAIR & MAINTENANCE					32.81
						Invoice Total :		46.81
Invoice Description:LOADER WIPER BLADES								
753226	1-5-5700-594		LARGE EQUIPMENT MAINTENANCE					58.71
						Invoice Total :		58.71
						Cheque # 43050 Total :		105.52

**BEAUMONT-CHERRY VALLEY WATER DISTRICT**
**Cheque Register - Detail - Bank**

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**Supplier :** A&A FENCE To ZETLMAIER  
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**Bank :** 1 To 9

**Seq :** Cheque No. **Status :** All  
**Medium :** M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name								
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium		
Invoice #	Account No.		Account Description			1099 Type	1099 Box		Amount
43051	19-Apr-2012	PACIFICALA	PACIFIC ALARM		Issued	88	C		
Invoice Description:APRIL ALARM MONITORING									
R109953	1-5-5610-582		MAINTENANCE - 560 MAGNOLIA AVE						233.00
Invoice Total :									233.00
Cheque # 43051 Total :									233.00
-----									
43052	19-Apr-2012	PARSONS	PARSONS WATER & INFRASTRUCTURE INC.		Issued	88	C		
Invoice Description:01/28/12**02/24/12									
1203A078	1-5-5820-611		GENERAL ENGINEERING						31689.53
Invoice Total :									31689.53
Cheque # 43052 Total :									31689.53
-----									
43053	19-Apr-2012	PITNEYBOWE	PITNEY BOWES		Issued	88	C		
Invoice Description:LEASE 1925065 TAXES 2010									
698864-MR12	1-5-5500-556		OFFICE EQUIPMENT/SERVICE AGREEMENTS						285.04
Invoice Total :									285.04
Cheque # 43053 Total :									285.04
-----									
43054	19-Apr-2012	PRESTIGEMO	PRESTIGE MOBILE DETAIL		Issued	88	C		
Invoice Description:12,18,13,22,5,8,10,11,20,2,16,1,21 KENWORTH DUMPTRUCK									
041612	1-5-5700-596		FLEET REPAIR & MAINTENANCE			MISC	03		224.00
Invoice Total :									224.00
Invoice Description:UNITS 2, 15, 19, 1									
14157	1-5-5700-596		FLEET REPAIR & MAINTENANCE			MISC	03		64.00
Invoice Total :									64.00
Cheque # 43054 Total :									288.00
-----									
43055	19-Apr-2012	RAINFORREN	RAIN FOR RENT		Issued	88	C		
Invoice Description:Brookside Job for high line Job # 2-1-1116-271									
036032372	2-1-1116-703		BROOKSIDE PIPELINE						72.00
	2-1-1116-703		BROOKSIDE PIPELINE						90.00
	2-1-1116-703		BROOKSIDE PIPELINE						24.00
	2-1-1116-703		BROOKSIDE PIPELINE						120.00
	2-1-1116-703		BROOKSIDE PIPELINE						36.00
	2-1-1116-703		BROOKSIDE PIPELINE						24.00
	2-1-1116-703		BROOKSIDE PIPELINE						18.00
	2-1-1116-703		BROOKSIDE PIPELINE						18.00
	2-1-1116-703		BROOKSIDE PIPELINE						18.00
	2-1-1116-703		BROOKSIDE PIPELINE						306.00
	2-1-1116-703		BROOKSIDE PIPELINE						45.00
	2-1-1116-703		BROOKSIDE PIPELINE						18.00
	2-1-1116-703		BROOKSIDE PIPELINE						15.00
	2-1-1116-703		BROOKSIDE PIPELINE						15.00
	2-1-1116-703		BROOKSIDE PIPELINE						600.00
	2-1-1116-703		BROOKSIDE PIPELINE						150.00
	2-1-1116-703		BROOKSIDE PIPELINE						30.00
	2-1-1116-703		BROOKSIDE PIPELINE						90.00
	2-1-1116-703		BROOKSIDE PIPELINE						21.00
	2-1-1116-703		BROOKSIDE PIPELINE						30.00
	2-1-1116-703		BROOKSIDE PIPELINE						30.00
	2-1-1116-703		BROOKSIDE PIPELINE						24.00

## Cheque Register - Detail - Bank



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**Seq :** Cheque No.      **Status :** All  
**Medium :** M=Manual C=Computer E=EFT-PA

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## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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 Pay Date : 01-Apr-2012 To 30-Apr-2012  
 Bank : 1 To 9

Seq : Cheque No. Status : All  
 Medium : M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #		Account No.	Account Description			1099 Type	1099 Box	Amount
		1-5-5200-512	LAB TESTING					96.95
		1-5-5200-512	LAB TESTING					23.71
		1-5-5500-563	MISCELLANEOUS OPERATING SUPPLIES					2.63
		1-5-5200-512	LAB TESTING					57.49
							Invoice Total :	835.95
							Cheque # 43060 Total :	835.95
43061	19-Apr-2012	VERIZONCRE	VERIZON CREDIT INC.		Issued		88 C	
	Invoice Description:PHONE ROUTERS							
600146		1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS					138.00
							Invoice Total :	138.00
							Cheque # 43061 Total :	138.00
43062	19-Apr-2012	VERIZONWIR	VERIZON WIRELESS		Issued		88 C	
	Invoice Description:470967799-00001							
1073028644		1-5-5610-580	TELEPHONE - 560 MAGNOLIA AVE					282.63
							Invoice Total :	282.63
							Cheque # 43062 Total :	282.63
43063	19-Apr-2012	WASTE MANA	RIVERSIDE COUNTY WASTE MANAGEMENT		Issued		88 C	
	Invoice Description:WELL 5 ROOFING MATERIALS							
201203000339		1-5-5700-597	MAINT GENERAL PLANT (BUILDINGS)					15.47
							Invoice Total :	15.47
							Cheque # 43063 Total :	15.47
43064	19-Apr-2012	WELLSFARGO	WELLS FARGO REMITTANCE CENTER		Issued		88 C	
	Invoice Description:5569191000008028							
8028/0312		1-5-5500-556	OFFICE EQUIPMENT/SERVICE AGREEMENTS					1912.98
							Invoice Total :	1912.98
							Cheque # 43064 Total :	1912.98



## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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Supplier : A&A FENCE To ZETLMAIER  
 Pay Date : 01-Apr-2012 To 30-Apr-2012  
 Bank : 1 To 9

Seq : Cheque No. Status : All  
 Medium : M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #		Account No.	Account Description			1099 Type	1099 Box	Amount
8	PAYROLL							
12451	03-Apr-2012				Issued	73	C	
Invoice Description:								
032912		1-2-2012-247	GARNISHMENT					575.54
Invoice Total :								575.54
Cheque # 12451 Total :								575.54
12454	12-Apr-2012	AFLAC	AFLAC		Issued	79	C	
800026		1-2-2012-239	AFLAC					823.12
Invoice Total :								823.12
Cheque # 12454 Total :								823.12
12455	12-Apr-2012	CALPERSRET	CALPERS RETIREMENT SYSTEM		Issued	79	C	
Invoice Description:3169502332 3/25/12*4/7/12								
041212		1-2-2012-243	RETIREMENT/CALPERS					23396.15
Invoice Total :								23396.15
Cheque # 12455 Total :								23396.15
12456	12-Apr-2012				Issued	79	C	
Invoice Description:								
051212		1-2-2012-247	GARNISHMENT					575.54
Invoice Total :								575.54
Cheque # 12456 Total :								575.54
12457	12-Apr-2012	CASTATEDIS	CA STATE DISBURSEMENT UNIT		Issued	79	C	
Invoice Description:RIK004233								
041212		1-2-2012-247	GARNISHMENT					191.53
Invoice Total :								191.53
Invoice Description:CSSS810693								
041212		1-2-2012-247	GARNISHMENT					360.57
Invoice Total :								360.57
Cheque # 12457 Total :								552.10
12458	12-Apr-2012	EDD	EDD STATE OF CALIFORNIA		Issued	79	C	
Invoice Description:92502491								
041212		1-2-2012-233	ACCRUED WHT STATE (SWT)					2548.15
		1-2-2012-234	ACCRUED WHT DISABILITY (SDI)					667.53
Invoice Total :								3215.68
Cheque # 12458 Total :								3215.68
12459	11-Apr-2012	EDD	EDD STATE OF CALIFORNIA		Issued	80	C	
Invoice Description:QTR 1 2012 SDI 92502491								
041112		1-2-2012-234	ACCRUED WHT DISABILITY (SDI)					622.94
Invoice Total :								622.94
Cheque # 12459 Total :								622.94
00022-0001	13-Apr-2012	ING	ING LIFE INSURANCE		Issued	81	E	

BEAUMONT-CHERRY VALLEY WATER DISTRICT

Cheque Register - Detail - Bank



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Pay Date : 01-Apr-2012 To 30-Apr-2012  
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Medium : M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name		Status	Batch	Medium	
Invoice #		Account No.	Account Description			1099 Type	1099 Box	Amount
ING - 29032		1-2-2012-242	DEFERRED COMP					485.00
							Invoice Total :	485.00
							Cheque # 00022-0001 Total :	485.00
-----								
00022-0002	13-Apr-2012	IRS	U.S. TREASURY		Issued		81 E	
IRS - 29033		1-2-2012-231	ACCRUED FICA					7004.62
		1-2-2012-232	ACCRUED WHT FEDERAL					8130.16
		1-2-2012-241	MEDICARE WITHHELD					1953.24
							Invoice Total :	17088.02
							Cheque # 00022-0002 Total :	17088.02
-----								
Total Computer Paid :	560,023.52		Total EFT - PAP Paid :	17,573.02		Total Paid :		577,596.54
Total Manually Paid :	0.00		Total EFT - File Paid :	0.00				



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
May 9<sup>th</sup>, 2012**

**DATE:** May 3<sup>rd</sup>, 2012  
**TO:** Board of Directors  
**FROM:** Melissa Bender, Director of Finance & Administrative Services  
**SUBJECT:** Approval of Pending Invoices

---

**Recommendation**

Staff recommends that the Board of Directors approve the pending invoices totaling \$34,475.62.

**Background**

Staff has reviewed the pending invoices and found the services rendered were acceptable to the District.

**Fiscal Impact**

There is a \$34,475.62 impact to the District.

**Attachments:**

- Parsons Invoice#1204A089
- Richards Watson Gershon Invoice #183221
- Richards Watson Gershon Invoice # 183222
- Charles Z. Fedak & Co. Invoice

## MEMORANDUM

April 9, 2012

**TO:** Eric Fraser, General Manager  
**FROM:** Steve Gratwick, Parsons  
**SUBJECT:** Work During Billing Period: 2/25/12 through 3/30/12  
Invoice No. 1204A089

---

During this past billing period we performed the following tasks:

Task 01000 – General:

- Administration;.....\$474.00
- Water Supply and fire Flow Report for Family Dollar Store;.....\$3,060.00
- Brookside Ave Utility Realignment – Preliminary plan preparation and coordination with RCFCF, indentify and prepare CEQA requirements;.....\$2,720.00

Task 96000 – Beaumont Business Park, Phase II, Riverside Co. LAFCO Annexation:

- Legal document research, prepare LAFCO application, abstract and Plan of Service;.....\$680.00

Task 10004 – 24” Non-Potable SWP Pipeline:

- Prepare permit application and submit plans to RCFCF for post-construction encroachment permit;.....\$850.00

Task 10006 – Recharge Facility, Phase II:

- Respond to questions for permit application to RCFCF, prepare final construction plans;.....\$13,940.00

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TOTAL	\$21,724.00
-------	-------------

# PARSONS

110 West "A" Street, Suite 1050 • San Diego, California 92101 • (619) 687-0400 • Fax: (619) 687-0401 • www.parsons.com

## I N V O I C E

NET 45 DAYS  
APRIL 09, 2012

CLIENT REF. : CONTRACT 8/31/81  
INVOICE NO. : 1204A089  
PROJECT NO. : 723185-W  
CLIENT NO. : 72192

TO: BEAUMONT-CHERRY VALLEY WATER DISTRICT  
560 MAGNOLIA AVE.  
BEAUMONT, CA

92223-2037

ATTN: MR. ERIC FRASER, GENERAL MANAGER

PLEASE REMIT TO:  
PARSONS WATER & INFRASTRUCTURE  
P. O. BOX 601094  
PASADENA, CA

91189-1094

FOR: BEAUMONT-CHERRY VALLEY ENGINEER

BILLING PERIOD: 2/25/12 THROUGH 3/30/12

PROFESSIONAL SERVICES  
Labor Costs:

HOURS

CURRENT PERIOD  
THROUGH 3/30/12

194.8

21,724.00

TOTAL THIS INVOICE:

-----  
21,724.00  
=====



# INVOICE

NET 45 DAYS  
APRIL 09, 2012

CLIENT REF.: CONTRACT 8/31/81  
INVOICE NO.: 1204A089  
PROJECT NO.: 723185-W  
CLIENT NO.: 72192

TO: BEAUMONT-CHERRY VALLEY WATER DISTRICT  
560 MAGNOLIA AVE.  
BEAUMONT, CA 92223-2037

ATTN: MR. ERIC FRASER, GENERAL MANAGER

PLEASE REMIT TO:  
PARSONS WATER & INFRASTRUCTURE  
P. O. BOX 601094  
PASADENA, CA 91189-1094

FOR: BEAUMONT-CHERRY VALLEY ENGINEER  
BILLING PERIOD: 2/25/12 THROUGH: 3/30/12

	CUR. HOURS -----	CURRENT PERIOD THROUGH 3/30/12 -----
WBS 01000 General		
PROFESSIONAL SERVICES		
Labor Costs:	37.85	6,254.00
WBS 10004 SPW Pipeline		
PROFESSIONAL SERVICES		
Labor Costs:	5.00	850.00
WBS 10006 Recharge Facilities Phase 2		
PROFESSIONAL SERVICES		
Labor Costs:	148.00	13,940.00

INVOICE NO.: 1204A089  
PROJECT NO.: 723185-W  
CLIENT NO.: 72192

PAGE: 2

CUR. HOURS -----	CURRENT PERIOD THROUGH 3/30/12 -----
------------------------	--

WBS 96000 Developer Annexation

PROFESSIONAL SERVICES

Labor Costs:	4.00	680.00
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TOTAL THIS INVOICE:

=====	=====
194.85	21,724.00
=====	=====

CLIENT REF.: CONTRACT 8/31/81

INVOICE NO.: 1204A089

PROJECT NO.: 723185-W

CLIENT NO.: 72192

FORMAT NAME: SBLRLBRI0C

EMPLOYEE CLASSIFICATION	EMPLOYEE NAME	ADJ. DATE	RATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS
01000 GENERAL	PE1000100					
SCIENTIST, SUPERVISING	ROSEMARIE CRISOLOGO		170.0000	1.00		1.00
SCIENTIST, SUPERVISING	ROSEMARIE CRISOLOGO	2/17/12	170.0000	4.00		4.00
SPECIALIST II	LISA D LEWIS		65.0000	1.60		1.60
PROJECT MANAGER/TECH DIRECTOR	STEPHEN GRATWICK JR.		170.0000	31.00		31.00
SENIOR SPECIALIST II	LEONOR Y DEGUCHY		120.0000	.25		.25
ITEM TOTALS				37.85		37.85
10004 SPW Pipeline						
PROJECT MANAGER/TECH DIRECTOR	STEPHEN GRATWICK JR.		170.0000	5.00		5.00
ITEM TOTALS				5.00		5.00
10006 Recharge Facilities Phase 2						
PROJECT MANAGER/TECH DIRECTOR	STEPHEN GRATWICK JR.		170.0000	16.00		16.00
ENGINEER, ASSOCIATE	LINDA LUU		85.0000	132.00		132.00
ITEM TOTALS				148.00		148.00
10018 Ring Ranch Rd. Extension						
SCIENTIST, SUPERVISING	ROSEMARIE CRISOLOGO		170.0000	4.00		4.00
SCIENTIST, SUPERVISING	ROSEMARIE CRISOLOGO	2/17/12	170.0000	4.00-		4.00-
ITEM TOTALS						
96000 Developer Annexation						
PROJECT MANAGER/TECH DIRECTOR	STEPHEN GRATWICK JR.		170.0000	4.00		4.00
ITEM TOTALS				4.00		4.00
TOTAL LABOR HOURS				194.85		194.85



CLIENT REF.: CONTRACT 8/31/81

INVOICE NO.: 1204A089

PROJECT NO.: 723185-W

CLIENT NO.: 72192

FORMAT NAME: SBLRLBRI3C

W/E DATE	EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	ADJ. DATE	RATE	TOTAL HOURS	TOTAL AMOUNT	PREMIUM AMOUNT
<hr/>							
01000	GENERAL	PE1000100					
3/02/12	ROSEMARIE CRISOLOGO	SCIENTIST, SUPERVISING		170.0000	.50	85.00	
3/02/12	ROSEMARIE CRISOLOGO	SCIENTIST, SUPERVISING	2/17/12	170.0000	4.00	680.00	
3/02/12	LISA D LEWIS	SPECIALIST II		65.0000	1.30	84.50	
3/02/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	2.00	340.00	
3/02/12	LEONOR Y DEGUCHY	SENIOR SPECIALIST II		120.0000	.25	30.00	
3/09/12	ROSEMARIE CRISOLOGO	SCIENTIST, SUPERVISING		170.0000	.50	85.00	
3/09/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	7.00	1,190.00	
3/16/12	LISA D LEWIS	SPECIALIST II		65.0000	.30	19.50	
3/16/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	17.00	2,890.00	
3/23/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	5.00	850.00	
	ITEM TOTALS				37.85	6,254.00	
10004	SPW Pipeline						
3/02/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	2.00	340.00	
3/23/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	2.00	340.00	
3/30/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	1.00	170.00	
	ITEM TOTALS				5.00	850.00	
10006	Recharge Facilities Phase 2						
3/02/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	6.00	1,020.00	
3/02/12	LINDA LUU	ENGINEER, ASSOCIATE		85.0000	35.00	2,975.00	
3/09/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	3.00	510.00	
3/09/12	LINDA LUU	ENGINEER, ASSOCIATE		85.0000	23.00	1,955.00	
3/16/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	3.00	510.00	
3/16/12	LINDA LUU	ENGINEER, ASSOCIATE		85.0000	34.00	2,890.00	
3/23/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	3.00	510.00	
3/23/12	LINDA LUU	ENGINEER, ASSOCIATE		85.0000	40.00	3,400.00	
3/30/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	1.00	170.00	
	ITEM TOTALS				148.00	13,940.00	
10018	Ring Ranch Rd. Extension						
2/17/12	ROSEMARIE CRISOLOGO	SCIENTIST, SUPERVISING		170.0000	4.00	680.00	
3/02/12	ROSEMARIE CRISOLOGO	SCIENTIST, SUPERVISING	2/17/12	170.0000	4.00-	680.00-	
	ITEM TOTALS					0.00	
96000	Developer Annexation						

CLIENT REF.: CONTRACT 8/31/81

INVOICE NO.: 1204A089

PROJECT NO.: 723185-W

CLIENT NO.: 72192

FORMAT NAME: SBLRLBR13C

W/E DATE	EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	ADJ. DATE	RATE	TOTAL HOURS	TOTAL AMOUNT	PREMIUM AMOUNT
3/02/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	2.00	340.00	
3/09/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	1.00	170.00	
3/23/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	1.00	170.00	
	ITEM TOTALS				4.00	680.00	
	GRAND TOTALS				194.85	21,724.00	



**RICHARDS | WATSON | GERSHON**

ATTORNEYS AT LAW – A PROFESSIONAL CORPORATION

355 South Grand Avenue, 40th Floor, Los Angeles, California 90071-3101  
Telephone 213.626.8484 Facsimile 213.626.0078  
Fed. I.D. No. 95-3292015

ERIC FRASER  
Beaumont- Cherry Valley Water District  
560 Magnolia Avenue  
Beaumont, CA 92223-2258

April 18, 2012  
Invoice # 183221

Re: 12788-0001 GENERAL COUNSEL SERVICES

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Current Legal Fees .....	\$4,827.50
Current Client Costs Advanced .....	<u>\$147.62</u>
<b>TOTAL CURRENT FEES AND COSTS.....</b>	<b><u>\$4,975.12</u></b>
Balance Due From Previous Statement.....	\$8,687.45
<b>TOTAL BALANCE DUE FOR THIS MATTER.....</b>	<b><u>\$13,662.57</u></b>

**TERMS: PAYMENT DUE UPON RECEIPT**

**PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE**

LOS ANGELES | ORANGE COUNTY | SAN FRANCISCO



**RICHARDS | WATSON | GERSHON**

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355 South Grand Avenue, 40th Floor, Los Angeles, California 90071-3101  
Telephone 213.626.8484 Facsimile 213.626.0078  
Fed. I.D. No. 95-3292015

ERIC FRASER  
Beaumont- Cherry Valley Water District  
560 Magnolia Avenue  
Beaumont, CA 92223-2258

April 18, 2012  
Invoice # 183222

Re: 12788-0002 [REDACTED]

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Current Legal Fees .....	\$5,362.50
Current Client Costs Advanced .....	<u>\$0.00</u>
<b>TOTAL CURRENT FEES AND COSTS.....</b>	<b><u>\$5,362.50</u></b>
Balance Due From Previous Statement.....	\$4,307.80
<b>TOTAL BALANCE DUE FOR THIS MATTER.....</b>	<b><u>\$9,670.30</u></b>

**TERMS: PAYMENT DUE UPON RECEIPT**

**PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE**

LOS ANGELES | ORANGE COUNTY | SAN FRANCISCO



Charles Z. Fedak, CPA, MBA  
Paul J. Kaymark, CPA  
Christopher J. Brown, CPA

## Charles Z. Fedak & Company

Certified Public Accountants  
An Accountancy Corporation

6081 Orange Avenue  
Cypress, California 90630  
(714) 527-1818  
(562) 598-6565  
FAX (714) 527-9154  
EMAIL [czfco@czfcpa.com](mailto:czfco@czfcpa.com)  
WEB [www.czfcpa.com](http://www.czfcpa.com)

March 31, 2012

Ms. Melissa Bender, CFO  
Beaumont-Cherry Valley Water District  
560 Magnolia Avenue  
Beaumont, CA 92223

Professional services rendered during the month of March 2012:

Progress billing on audit of financial statements  
of the District for the year ended December 31,  
2011.

\$ 1,500.00

Preparation of 2011 State Controller's Report to  
the State of California.

800.00

Out-of-pocket expenses incurred in connection  
with the above work performed.

114.00

**\$ 2,414.00**

**Due and Payable Upon Receipt**

Member of : American Institute of Certified Public Accountants • California Society of Certified Public Accountants



**RECORD OF THE MINUTES OF THE  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, April 11<sup>th</sup>, 2012**

---

**Call to Order, President Ball**

President Ball called the meeting to order at 7:00 p.m.

**Pledge of Allegiance, Vice President Halliwill**

Vice President Halliwill led the pledge.

**Invocation, Director Guldseth**

Director Guldseth led the invocation.

**Roll Call**

Present at this meeting were President Ball, Directors Guldseth, Halliwill, Woll and Ross, Legal Counsel James Markman, General Manager Eric Fraser, and Director of Engineering, Dan Jagers. Additional District staff present at the meeting: Melissa Bender and Dawn Jorge.

Public that registered their attendance were: Patsy Reeley, Betty Beckman, Kim Majeske, Ron Majeske, Zona Appelby, MaryAnn Melleby, Niki Magee and Kristian Roman.

**Public Input**

Director Ross invited two members of the public to address the Board on items not on the agenda. First Ms. Reeley inquired about the Urban Management Report that was due in 2010. General Manager Fraser stated the report is in progress and would be discussed further during his General Manager report. Secondly, Ms. Magee noted a public records document (document number 2011-0339942) regarding the short sale of previous Board Member Earhart's home on August 3, 2011. Ms. Magee drew the board's attention to a possible conflict of interest noting that she believes a good portion of Mr. Earhart's loan was excused by Pardee Homes.

**ACTION ITEMS**

**1. Adoption of the Agenda**

General Manager Eric Fraser stated there were no changes to the agenda. Motion by Director Guldseth to adopt the agenda, second by Vice President Halliwill, approved 5-0.

**2. Consent Calendar:** All matters listed under the Consent Calendar are considered by the Board of Directors to be routine and will be enacted in one motion. There will be no discussion of these items prior to the time the Board considers the motion unless members of the Board, the administrative staff, or the public request specific items to be discussed and/or removed from the Consent Calendar.



**RECORD OF THE MINUTES OF THE  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, April 11<sup>th</sup>, 2012**

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- a. February 2012 Budget Variance Report Review. \*\*
- b. February 29<sup>th</sup>, 2012 Cash/Investment Balance Report. \*\*
- c. March 2012 Cheque Register Review. \*\*
- d. March 2012 Invoices Pending Approval. \*\*
- e. Minutes of the Regular Meeting of March 14<sup>th</sup>, 2012. \*\*
- f. Adoption of Resolution 2012-05 Establishing Authorized Signers of District Accounts. \*\*
- g. Approval of As-Needed Geotechnical Consultant Services. \*\*
- h. Approval of a Request for Water Service at 38274 Cherry Valley Blvd. \*\*

Director Halliwill requested items 2e, 2f and 2g be pulled for discussion. Motion by Director Ross to approve the remaining consent calendar, motion seconded by Director Woll and passed 5-0. Regarding item 2e, Director Halliwill questioned who led the invocation and wondered why the change wasn't made. The Board Secretary noted that was a previous meeting and the changes were already done. Director Halliwill clarified that the UCR Report meeting was held on February 27<sup>th</sup> not February 28<sup>th</sup>. Noting the change to be made as outlined, motion was made by Vice President Halliwill to approve the minutes; the motion was seconded by Director Ross. The motion passed 5-0. Director Halliwill questioned the format of item 2f regarding the number of signatures required, staff noted the resolution was brought forward utilizing the Local Agency Investment Fund (LAIF) approved resolution format. Motion by Vice President Halliwill to adopt as clarified by staff, motion seconded by Director Woll and passed 5-0. Director Halliwill questioned item 2g as to the length of approval terms, whether its 1 year or an undetermined amount of time. Specifically, noting that the three contractors are discussing different periods of time and services. General Manager Fraser addressed the Board stating that item 2g was driven by page 21 of the District's policy manual which requires Board approval of professional services. Further, General Manager Fraser stated this item is really requesting the establishment of a pool of vendors that the District can utilize in the future. He suggests the District's policy be evaluated at a later date to allow the General Manager to authorize purchases up to specific limits. Dr. Ball questioned whether General Manager Fraser had previously worked with any of the vendors. General Manager Fraser stated he had at other agencies. Motion by Director Halliwill to approve, seconded by Director Woll. Motion passed 5-0.

### **3. Reports For Discussion**

- a. Ad Hoc Committees

No reports were presented by the Committees.

- b. General Manager

General Manager Eric Fraser introduced the District's new Director of Engineering, Dan Jagers. Dan Jagers and Eric Fraser have been working on the design of the recharge facility as well as other projects. General Manager Fraser stated he is working with Flood Control to



**RECORD OF THE MINUTES OF THE  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, April 11<sup>th</sup>, 2012**

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finalize the permits to allow the rubber dam diversion in Knoble Creek. The issuance of the Urban Water Management report is contingent upon the Regional water allocation agreement, noting the District is hesitant to move forward without a reliable number to work with. Patsy Reeley questioned whether there is a penalty for not issuing the report; General Manager Fraser stated there is no penalty.

c. Directors Reports

- Director Ross had nothing to report.
- Director Guldseth noted he went to the 3/20/12 JPIA training with Vice President Halliwill.
- Vice President Halliwill stated he attended following meetings:
  - 3/20 JPIA Training;
  - 3/26 Pass Agency meeting;
  - 3/27 City of Banning Council meeting;
  - 4/2 Pass Agency meeting;
  - 4/3 City of Beaumont Council meeting;
  - 4/4 Beaumont Cares meeting (an issue came up regarding the closure of rest areas on the I-10);
  - 4/5 Regional Water Workshop meeting; and
  - 4/9 Pass Agency meeting.
- Director Woll attended the 4/5 Regional Water Workshop meeting and thanked the staff for working together.
- President Ball agreed with Director Woll. He also noted he has been thinking about the pharmaceuticals in the water and wonders if we should include a statement in District bills/notices to educate the public regarding the proper disposal of pharmaceuticals. General Manager Eric Fraser stated there are brochures already out there but it's important to put the information in perspective and staff will develop brochures to distribute.

d. Legal Counsel Report

No reports were presented by Legal Counsel.

**4. Announcements**

- Finance & Audit Committee meeting, May 3<sup>rd</sup>, 2012 at 3:00 p.m.
- Regular Board meeting, May 9<sup>th</sup>, 2012 at 7:00 p.m.
- District will be closed on May 28<sup>th</sup>, 2012 for Memorial Day.

**5. Action List for Future Meetings**

1. Beaumont/Brookside ownership. General Manager Fraser wanted to note after further research, it was determined the property was not included in the acquisition. The County of Riverside Recorder's Office





**RECORD OF THE MINUTES OF THE  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, April 11<sup>th</sup>, 2012**

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showed it as District property in error. The District is working with the Recorder's Office to resolve the issue.

**6. Adjournment**

President Ball adjourned the meeting at 7:48 p.m.

---

Dr. Blair Ball, President of the  
Board of Directors of the  
Beaumont-Cherry Valley Water District

Attest:

---

Kenneth Ross, Secretary to the  
Board of Directors of the  
Beaumont-Cherry Valley Water District

\*\* Information included in the agenda packet



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
May 9<sup>th</sup>, 2012**

**DATE:** May 3<sup>rd</sup>, 2012  
**TO:** Board of Directors  
**FROM:** Melissa Bender, Director of Finance & Administrative Services  
**SUBJECT:** CALPERS 457 Supplemental Income Plan

---

**Recommendation**

Staff recommends that the Board of Directors establish the CALPERS 457 Supplemental Income Plan for District employees.

**Background**

Staff recommends that the Board of Directors establish an additional deferred compensation plan for District employees. Currently, the District offers a deferred compensation plan to its employees through ING. This ING plan is offered at no cost to the District. As of May 3<sup>rd</sup>, 2012, 7 District employees are actively participating in the ING deferred compensation plan. This plan allows the District to offer retirement options to the employees at no cost to the District.

**Fiscal Impact**

There is no fiscal impact to the District as all contributions are to be made by District employees and all administrative fees are to be paid by participating District employees.

**Attachments:**

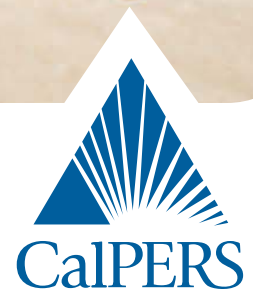
- CALPERS 457 Brochure
- Resolution No. 2012-06
- Employer Adoption Agreement
- New Employer Information Sheet

# Employer Adoption Kit

CalPERS Supplemental Income  
**457 PLAN**



SUPPLEMENTAL INCOME PLANS  
SMART INVESTING FOR **YOUR RETIREMENT.**



# Offer your employees a retirement benefit at no additional cost to you as the employer!

For more than a decade, CalPERS has been offering a Deferred Compensation Plan to local employers and their employees. Our commitment always remains the same — to provide financial security, value, low cost and quality customer service to employers and plan participants. We continually seek to discover enhancement opportunities that will not only benefit employees who are currently enrolled, but those who will participate in the future.

## The CalPERS approach

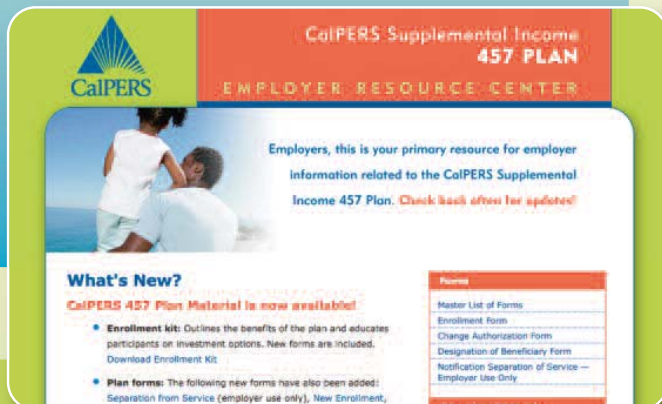
- Provide world-class investment management and plan design
- Investment staff expertise focused solely on CalPERS Plans
- Access to outside best-in-class investment managers and consultants
- Ability to leverage CalPERS size to pool assets and spread costs across a broad base
- Ability to create customized investment fund combinations and products uniquely CalPERS

## CalPERS makes doing business easy

- Access to CalPERS Web site, customer service toll-free line, and dedicated Account Managers
- Provide comprehensive employee communications and education
- Onsite employee enrollment and educational meetings led by CalPERS Account Managers
- One-on-one individual appointments with Account Managers
- Plan features with optional loan program and Self-Managed Brokerage Account

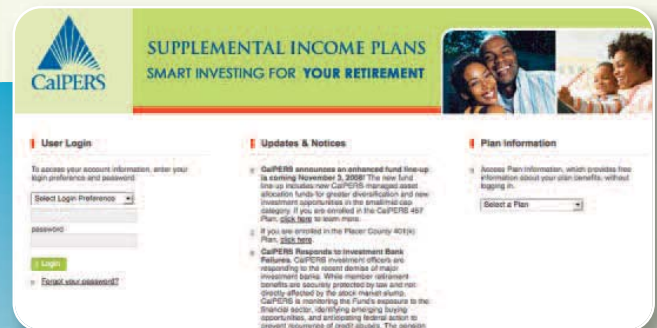
### Dedicated Employer Web site [www.calpers-sip.com](http://www.calpers-sip.com)

- Information and guidelines for adopting the Plan
- Up-to-date information on Plan rules and enhancements
- Download or order forms and educational material for quick and easy employee enrollments



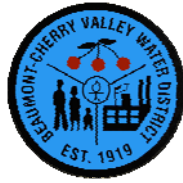
## Benefits to your employees

- Simple and low fee structure
- Contributions are on a pre-tax basis and investments grow tax-deferred
- Experienced retirement educators help participants define retirement goals
- Access to financial learning resources and tools
- Automated payroll deduction of contributions
- Easy account access via Web site and Plan Information Line



### Dedicated Participant Web site <http://calpers.ingplans.com> 1-800-260-0659

- Participant account information and management online or through the Plan Information Line — both are easy to access and simple to use
- View, download, and print account statements, including 24 months of history
- Change Investment selections among various Investment Fund options
- Automatic account rebalancing — Automatically rebalances participant account to current investment elections
- Reallocation of account balances — Redistribute fund balances across multiple funds in one simple transaction
- Ability to view beneficiary information online
- Download forms and stay up-to-date on Plan rules
- Download account data to Quicken® & Microsoft® Money



## RESOLUTION No. 2012-06

### RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT ESTABLISHING CALPERS SUPPLEMENTAL INCOME 457 PLAN

WHEREAS, the Beaumont-Cherry Valley Water District desires to establish an additional deferred compensation plan for the benefit of its employees; and

WHEREAS, the Board of Administration (the "Board") of the California Public Employees' Retirement System ("CalPERS") has established the CalPERS Supplemental Income 457 Plan (the "CalPERS 457 Plan") which may be adopted by a governmental employer the employees of which are public employees; and

WHEREAS, the Beaumont-Cherry Valley Water District believes that the CalPERS 457 Plan and the investment options available there under will provide valuable benefits to its employees; and

WHEREAS, the Board has appointed ING (the Plan Recordkeeper) to perform recordkeeping and administrative services under the CalPERS 457 Plan and to act as the Board's agent in all matters relating to the administration of the CalPERS 457 Plan;

NOW, THEREFORE, BE IT RESOLVED that Beaumont-Cherry Valley Water District adopts the CalPERS 457 Plan for the benefit of its employees and authorizes and directs the Director of Finance & Administrative Service to execute the attached adoption agreement on behalf of (Employer) and to provide CalPERS or any successor agent duly appointed by the Board with such information and cooperation as may be needed on an ongoing basis in the administration of the CalPERS 457 Plan. A copy of this resolution, the agreement, and any attachments thereto shall be on file in the office of the Beaumont-Cherry Valley Water District.

ADOPTED, SIGNED AND APPROVED, THIS 9<sup>th</sup> DAY OF MAY 2012 BY THE FOLLOWING VOTES:

AYES:

NOES:

ABSENT:

ABSTAIN:

APPROVED:

ATTEST:

---

Dr. Blair Ball, President of the  
Board of Directors of the  
Beaumont-Cherry Valley Water District  
(Seal)

---

Kenneth Ross, Secretary to  
the Board of Directors of the  
Beaumont-Cherry Valley Water District

## Employer Adoption Agreement

The employer identified below (the "Employer") adopts the CalPERS Supplemental Income 457 Plan (the "CalPERS 457 Plan" or the "Plan") for the benefit of its employees and agrees to be bound by and subject to the terms of the Plan, as it may be amended from time to time. The Employer further agrees and represents as follows:

1. The Employer is a political subdivision of the State of California and is eligible to adopt the Plan.
2. The Employer has duly adopted a resolution (copy attached) or taken such other official action as required for its lawful adoption and implementation of the Plan and has authorized the undersigned to execute this Agreement on its behalf.
3. The Employer has received and has had the opportunity to review the following documents and information:
  - The Plan document;
  - A description of the optional provisions of the Plan;
  - A description of the investment options available to Plan participants and historical performance data for those investment options;
  - A complete description of fees and expenses that will or may be charged to Plan participants including, but not limited to, investment fees and administrative expenses; and
  - The Enrollment Kit for eligible employees, which includes forms and information for employees to participate in the Plan.

### Contributions

4. The Employer understands that its employees will have the opportunity to defer their own compensation by designating an amount or percentage to be withheld from each paycheck and contributed to the Plan on the employee's behalf.
5. The Employer understands that the Plan must be made available to all employees and agrees to offer all employees the opportunity to participate in the Plan.
6. The Employer understands that the Plan cannot be made available to individuals who are not the Employer's common law employees and agrees not to offer such individuals the opportunity to participate in the Plan.
7. The Employer understands that each employee's deferrals under the Plan and any other eligible deferred compensation plan maintained by the Employer are subject to certain limits imposed by the Plan and the federal tax code. The Employer agrees to limit employees' deferrals under all plans maintained by the Employer to amounts that do not exceed applicable limitations.
8. The Employer agrees to deduct deferral amounts from employees' salaries and wages in accordance with the employees' elections, to remit all amounts deducted to the Plan as soon as reasonably practicable after such amounts are withheld, and to accurately report the amounts remitted.
9. The Employer understands and agrees that all amounts deferred under the Plan shall be 100% vested and shall be deposited in the Public Employees' Deferred Compensation Fund (the "Fund"), a trust established to hold such amounts, for the exclusive benefit of participants and their beneficiaries. The Employer shall have no right to Fund assets or to sell, redeem, or otherwise liquidate Fund assets, except as provided Plan section 10.6.

Investments

10. The Employer understands and agrees that employees who defer compensation under the Plan will have the right to direct the investment of their individual Plan accounts by choosing among the investment options selected by the CalPERS Board of Administration (the "Board") and offered under the Plan. The Employer further understands and agrees that any employee who does not provide timely directions for investing his or her account will be deemed to have selected the Plan's default investment. The Plan's default investment is currently the CalPERS Target Retirement Fund designated for an employee, based on his or her expected retirement date. The Employer understands and agrees that the Board, in its sole discretion, may add, eliminate, or consolidate investment options offered under the Plan, including the Plan's default investment option.
11. The Employer further understands and agrees that certain fees are charged to Plan participants for investment and administration expenses, and that such fees will be offset against investment returns or deducted from participants' Plan accounts periodically.

Administration

12. The Employer understands and agrees that, except as specifically set forth in the Plan, the administration of the Plan and Fund is subject to the exclusive control of the Board and that the Board has the authority to retain third parties to provide investment services, record keeping, accounting, or other services for the Plan.
13. The Employer agrees to assist and cooperate in providing Plan information to employees and to follow administrative procedures established by the Board or its designee(s) from time to time.
14. The Employer has completed the attached New Employer Data Sheet, which is incorporated by reference. The Employer hereby certifies that all information provided in connection with its adoption of the Plan is true and accurate.
15. The Employer understands and agrees that the Board has retained the power and authority to amend the Plan from time to time, subject to limitations set forth in the California Government Code and the Plan. The Employer may not amend the Plan.
16. The Employer understands and agrees that its participation in the Plan may be terminated by the Employer or by the Board upon sixty (60) days advance written notice. Upon termination, all amounts held for participants will continue to be held in the Fund for the exclusive benefit of participants and their beneficiaries, except for distributions or transfers permitted under the Plan terms.

Name of Employer: Beaumont-Cherry Valley Water District

By: Melissa Bender Title: Director of Finance & Admin. Services

Date: May 3, 2012

Accepted by CalPERS (or an agent duly appointed by the Board) on behalf of the Board of Administration of the California Public Employees' Retirement System

By: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_



# New Employer Information Sheet

## I. General Information

CalPERS ID 3 1 6 9 5 0 2 3 3 2Employer Name Beaumont-Cherry Valley Water DistrictNumber of Employees 32Employer Tax Identification Number 9 5 - 6 0 0 0 2 4 4Fiscal Year End Date 1 2 / 3 1 / 1 2Employer Address 560 Magnolia AvenueBeaumontCA92223<sup>Street</sup>

City

State

Zip

Payroll Contact Mary MartinEmail mary.martin@bcvwd.orgTelephone 951-845-9581 ext. 11Administrative Contact Melissa BenderEmail melissa.bender@bcvwd.orgTelephone 951-845-9581 ext. 24

Choose one :

☒ Add CalPERS as a Plan Provider (new enrollments only)☐ Add CalPERS as an exclusive Plan Provider and convert assets  
– See Section III Asset Transfer Information

## II. Contribution Information

Frequency of Payroll Deductions ☐ Weekly ☒ Bi-weekly ☐ Semi Monthly ☐ Monthly

I understand a payroll contribution file will be submitted through my|CalPERS

☐ EFT Debit payment will be submitted via my|CalPERS☐ EFT Credit payment will be submitted via my|CalPERS☒ Check payment will be submitted with my|CalPERS Remittance Advice

Make check payable to CalPERS 457 Supplemental Income Plan and include Plan ID #, and submit by standard mail or overnight.

Please mail your documentation to one of the following addresses:

### Standard Delivery: (Standard Mail)

CalPERS Supplemental Income 457 Plan  
 P.O. Box 942713  
 Sacramento, CA 94229-2713

### Overnight Delivery:

CalPERS Supplemental Income 457 Plan  
 400 Q Street  
 Sacramento, CA 95811



**New Employer Information Sheet****III. Asset Transfer Information**

*(Complete ONLY if conducting a conversion into the CalPERS 457 Plan)*

Former Plan Provider \_\_\_\_\_ Total number of employees \_\_\_\_\_

Address \_\_\_\_\_

Street

City

State

Zip

Contact \_\_\_\_\_ Email \_\_\_\_\_ Telephone \_\_\_\_\_

**IV. Signatures**

Print Name \_\_\_\_\_ Title \_\_\_\_\_

Employer Signature \_\_\_\_\_ Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**New Employer Plan Number assigned by CalPERS: 453** \_\_\_\_ \_\_\_\_ \_\_\_\_



## **Beaumont Cherry Valley Water District Regular Board Meeting May 9, 2012**

**DATE:** April 25, 2012

**TO:** Board of Directors

**FROM:** Eric Fraser, General Manager

**SUBJECT:** Adoption of Resolution 2012-07 Supporting Maximum Benefit Implementation for the Beaumont Management Zone

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### **Recommendation**

Staff recommends the adoption of Resolution 2012-07, Supporting Maximum Benefit Implementation for the Beaumont Management Zone.

### **Background**

On September 13, 2010, the Regional Water Quality Control Board (RWQCB) issued an Order to the Yucaipa Valley Water District (YVWD), the City of Banning, the City of Beaumont and the Beaumont-Cherry Valley Water District (District), requiring the submittal of plans and time schedules to evaluate the impact of discharges of total dissolved solids (TDS) and nitrogen on the Beaumont Groundwater Management Zone (BMZ). This order was consistent with the maximum benefit implementation plan for the BMZ adopted by the RWQCB in 2004. These plans evolved from the San Timoteo Water Management Authority (STWMA) submittals to the RWQCB. In July 2010, STWMA was dissolved, thus creating the need for the RWQCB to reassign the maximum benefit commitments to the parties of interest in the BMZ.

While the District is not directly regulated by the RWQCB as a discharger, the desire to use various sources of water including recycled water from both YVWD and the City of Beaumont; State Project Water; and local waters for recharge and non-potable applications within the basin creates the framework for participation in the basin management process. These uses also were not fully evaluated at the time the original plan was developed by STWMA, thus the impacts of these uses must be evaluated.

The City of Banning, the Beaumont-Cherry Valley Water District (District), and the Yucaipa Valley Water District (YVWD) worked collaboratively to develop a new proposal (YVWD et al proposal) to the RWQCB while the City of Beaumont opted to create their own separate plan (Beaumont proposal).

On January 23, 2012, the RWQCB issued a letter evaluating the two proposals. The RWQCB found that the Beaumont proposal lacked several critical elements including: providing water for non-potable supply; increasing recycled water recharge and planning for recycled water quality improvement; yet included a plan to pump high TDS water from the San



Timoteo GMZ, downstream of their discharge point, to a location within the BMZ without authorization from the RWQCB and the California Department of Public Health. This plan to essentially dump water impacted by Beaumont's high TDS discharge would severely impact the water quality of the BMZ. The Beaumont proposal attempts to use assimilative capacity in the BMZ without regard to authority. The Beaumont proposal also included several pages of correspondence to the RWQCB attempting to commit the District without our authorization to provide excessive amounts of imported water to create the assimilative capacity to facilitate their plan. That approach lacked the fundamental elements for granting maximum benefit criteria such as direct reuse and a demonstration of a benefit to the people of the State of California by reducing imported water dependence. Since the Beaumont proposal simply attempted to relocate the City of Beaumont discharge point to the BMZ and attempted to use assimilative capacity not allocated to the City, the RWQCB rejected the proposal and indicated that staff will recommend anti-degradation objectives be applied to regulation of the City's discharges.

In contrast, the YVWD et al proposal was found to meet all of the criteria established by the RWQCB. RWQCB staff intends to prepare a Basin Plan amendment to implement the findings of the modeling studies and updated Maximum Benefit proposal as submitted. The RWQCB has requested that each agency adopt a resolution demonstrating commitment to the plan.



RESOLUTION No. 2012-07

RESOLUTION OF THE BOARD OF DIRECTORS OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT AUTHORIZING THE IMPLEMENTATION OF THE REGIONAL MAXIMUM BENEFIT COMMITMENTS FOR THE BEAUMONT MANAGEMENT ZONE

WHEREAS, on January 22, 2004, the Santa Ana Regional Water Quality Control Board amended the Basin Plan with regard to total dissolved solids and nitrogen management in the Santa Ana River Watershed; and

WHEREAS, the Santa Ana Regional Water Quality Control Board found that appropriate beneficial use protection and maximum benefit demonstrations were made by the Beaumont-Cherry Valley Water District and the San Timoteo Watershed Management Authority based upon specific Maximum Benefit Commitments which justified "maximum benefit" objectives for the Beaumont, San Timoteo and Yucaipa Groundwater Management Zones; and

WHEREAS, with the dissolution of the San Timoteo Watershed Management Authority, it has become necessary to reevaluate the Maximum Benefit Commitments and directly assign specific responsibilities to the City of Banning, City of Beaumont, Beaumont-Cherry Valley Water District, the San Gorgonio Pass Water Agency, and the Yucaipa Valley Water District for water resource management activities within the Beaumont Management Zone; and

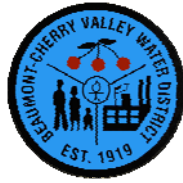
WHEREAS, the City of Banning, Beaumont-Cherry Valley Water District, San Gorgonio Pass Water Agency and the Yucaipa Valley Water District prepared and submitted a draft plan entitled Proposed Regional Implementation of Maximum Benefit Commitments for the Beaumont Management Zone ("Regional Plan") to the Santa Ana Regional Water Quality Control Board detailing a regional delegation of the original Maximum Benefit Commitments; and

WHEREAS, on January 23, 2012, the Santa Ana Regional Water Quality Control Board sent correspondence confirming that the proposed Regional Plan provided reasonable assurances for the protection of water quality and beneficial use within the Beaumont Management Zone which will maintain maximum benefit water quality objectives of participating agencies pursuant to the Basin Plan adopted on January 22, 2004.

NOW, THEREFORE, be it resolved by the Board of Directors of the Beaumont-Cherry Valley Water District:

1. That the Board of Directors of the Beaumont-Cherry Valley Water District, an Irrigation District formed pursuant to the provisions of the Water Code, hereby determines that the protection of high quality local water resources is critical for the region and therefore supports the Regional Implementation of Maximum Benefit Commitments for the Beaumont Management Zone in order to maintain the maximum benefit water quality objectives for the Beaumont Management Zone.
2. That Board of Directors directs the General Manager to finalize and execute the Regional Plan with a copy of this Resolution attached thereto.

PASSED AND ADOPTED on May 9<sup>th</sup>, 2012, by the following vote:



Ayes:  
Noes:  
Absent:  
Abstain:

Beaumont-Cherry Valley Water District

ATTEST:

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Dr. Blair Ball, President Board of Directors  
Beaumont-Cherry Valley Water District

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Kenneth Ross, Secretary  
Beaumont-Cherry Valley Water District

**Preliminary Documentation - Subject to Modification**

**Proposed Regional Implementation of  
Maximum Benefit Commitments for the  
Beaumont Management Zone**

Preliminary Draft  
September 20, 2011

Submitted to the Santa Ana Regional Water Quality Control Board

by

City of Banning  
Beaumont Cherry Valley Water District  
San Geronio Pass Water Agency  
Yucaipa Valley Water District

*“California highly values its water resources, which are significantly limited in quantity and quality. Recurring periods of drought have demonstrated the magnitude and severity of our water quantity limitations. Improper waste management practices and contaminated sites pose significant threats to the quality of California’s useable groundwater and surface water sources.”*

*- Adapted from the State Water Resources Control Board “A Compilation of Water Quality Goals”, April 2011*

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## Background

### State Water Resources Control Board - Resolution No. 68-16

On October 24, 1968, the State Water Resources Control Board adopted Resolution No. 68-16 setting a policy for maintaining high quality water resources in California. This Resolution acknowledged that the “...California Legislature has declared that it is the policy of the State that the granting of permits and licenses for unappropriated water and the disposal of wastes into the water of the State shall be so regulated as to achieve highest water quality consistent with maximum benefit to the people of the State...”.

This policy set the stage for protecting the high quality waters in the State of California by resolving that,

“any activity which produces or may produce a waste or increased volume or concentration of waste and which discharges or proposes to discharge to existing high quality waters will be required to meet waste discharge requirements which will result in the best practicable treatment or control of the discharge necessary to assure that (a) a pollution or nuisance will not occur and (b) the highest water quality consistent with the maximum benefit to the people of the State will be maintained.”

### Santa Ana Regional Water Quality Control Board - Resolution No. R8-2004-0001

On January 22, 2004, the California Regional Water Quality Control Board, Santa Ana Region adopted Resolution No. R8-2004-0001, amending the Water Quality Control Plan for the Santa Ana River Basin incorporating an updated Total Dissolved Solids (TDS) and Nitrogen Management Plan for the Santa Ana Region, updated groundwater subbasins, revised TDS and nitrogen wasteload allocations.

During the preparation of the updated Basin Plan, stakeholders and the Regional Water Quality Control Board staff recognized that the reuse of recycled water is critical to many agencies’ plans to meet the increasing water demands in the region. In some areas of the watershed, there exists assimilative capacity for the addition of TDS and/or nitrogen where wastewaters

with higher TDS/nitrogen concentrations than the receiving waters are diluted by natural rainfall or recharge so the TDS and nitrogen objectives of the receiving waters are met. In an area like the Beaumont Management Zone, assimilative capacity did not exist for the use of recycled water use or recharge until a “maximum benefit” objective was approved. The application of a “maximum benefit” objective is contingent on the implementation of certain projects and programs by specific dischargers as part of their maximum benefit demonstration.

Groundwater Management Zone	“Maximum Benefit” Water Quality Objective	Antidegradation Water Quality Objective
Beaumont Management Zone	330 mg/l	230 mg/l
Yucaipa Management Zone	370 mg/l	320 mg/l
San Timoteo Management Zone	400 mg/l	300 mg/l

Source: California Regional Water Quality Control Board Santa Ana Region, Resolution R8-2004-0001, Table 4-1.

### State of California - Recycled Water Policy

On February 3, 2009, the California State Water Resources Control Board (SWRCB) adopted a Recycled Water Policy (the “Policy”) formally declaring their mission to “preserve, enhance and restore the quality of California’s water resources to the benefit of present and future generations.”

To achieve this mission, the SWRCB encourages every region in California to develop a salt/nutrient management plan by 2014 to serve as a foundation to provide California with clean, abundant and sustainable water supplies. This goal is only accomplished by properly implementing a water resource strategy that maximizes the use of recycled water, water conservation, and the use of storm water (including dry-weather urban runoff). These water resources are viewed as drought-proof and reliable, and will generally minimize carbon footprints over the long-term.

The Recycled Water Policy formally sets forth the following goals for the State of California:

- Increase the use of recycled water over 2002 levels by at least one million acre-feet per year by 2020 and by at least two million acre-feet per year by 2030.
- Increase the use of storm water over use in 2007 by at least 500,000 acre-feet per year by 2020 and by at least one million acre-feet per year by 2030.
- Increase the amount of water conserved in urban and industrial uses by comparison to 2007 by at least 20 percent by 2020.
- Included in these goals is the substitution of as much recycled water for potable water as possible by 2030.

The SWRCB recognizes that some groundwater basins have salts and nutrients that exceed or threaten to exceed water quality objectives established in the applicable Water Quality Control Plans (Basin Plans). Therefore, it has been determined that salts and nutrients from all sources be managed on a basin-wide or watershed-wide basis in a manner that ensures attainment of water quality objectives and protection of beneficial uses.

The representatives from the Beaumont Cherry Valley Water District, the City of Banning, the San Geronio Pass Water Agency, and the Yucaipa Valley Water District support the principles established in the Recycled Water Policy adopted by the State Water Resources Control Board



and have agreed to jointly implement a salt management strategy to protect the water resources of the Beaumont Management Zone. These participating agencies agree with the State Water Board finding that the appropriate way to address salt management issues is through the development of a regional salt management strategy equally applied amongst all recycled water users and waste discharge permits in the Beaumont Management Zone.

#### San Timoteo Watershed Management Authority "Maximum Benefit" Commitments

On July 2, 1990, the State Water Resources Control Board issued an administrative procedure for antidegradation policy implementation. This policy requires an antidegradation analysis to be completed to "...support all regulatory actions that, in the Regional Board's judgment, will result in a significant increase in pollutant loadings".

When undertaking an antidegradation analysis, the Regional Board would proceed as follows:

1. Compare receiving water quality to the water quality objectives established to protect designated beneficial uses:
  - a. If baseline water quality is equal to or less than the quality as defined by the water quality objective, water quality shall be maintained or improved to a level that achieves the objectives.
  - b. If baseline water quality is better than the water quality as defined by the water quality objective, the baseline water quality shall be maintained unless poorer quality is necessary to accommodate important economic or social development and is considered to be of maximum benefit to the people of the State of California.

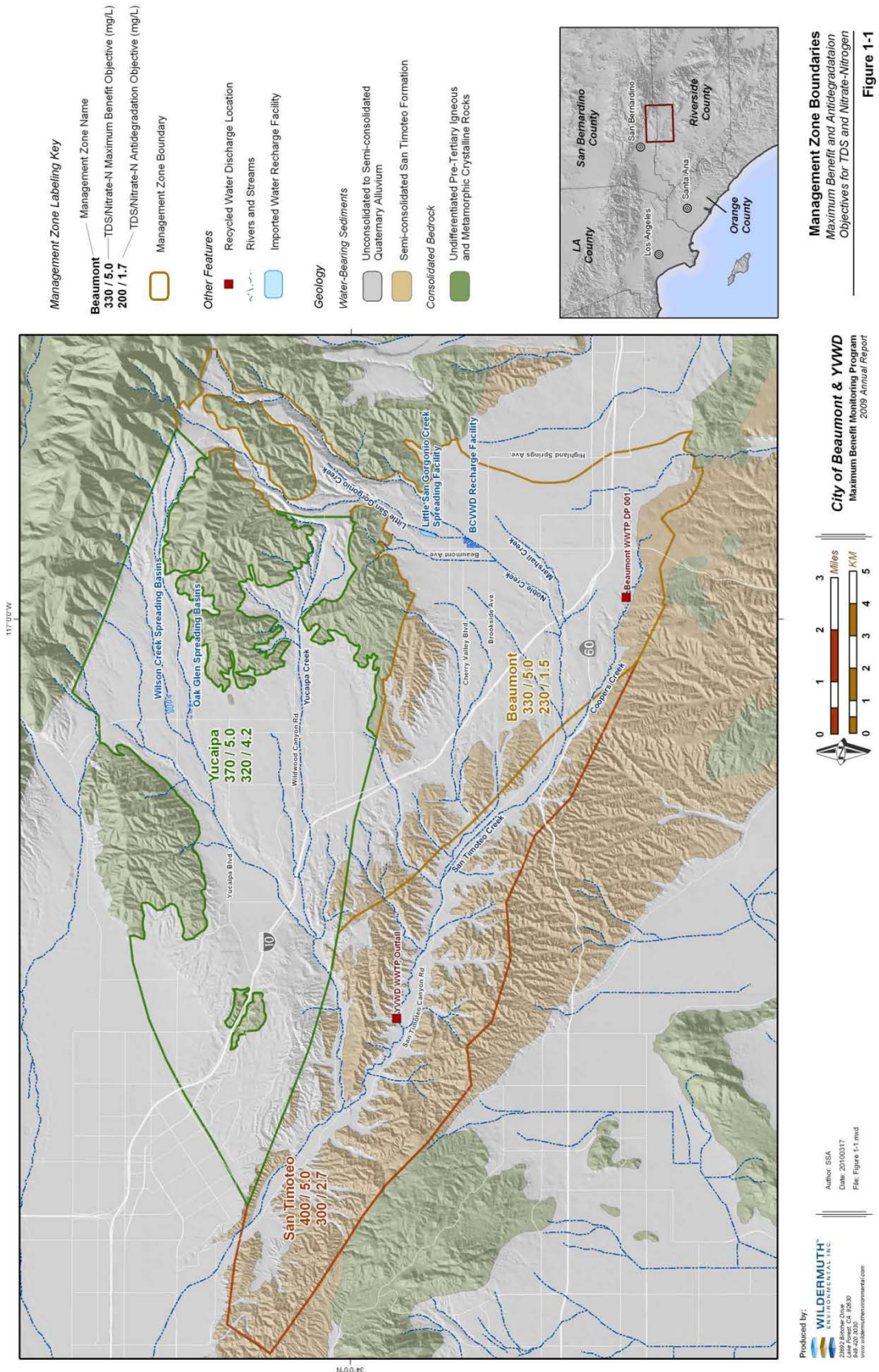
As part of the 2004 Basin Plan adopted by the Santa Ana Regional Water Quality Control Board, a number of the agencies participating in the preparation of this Salt Management Strategy were members of the San Timoteo Watershed Management Authority ("STWMA"). The STWMA identified to the Regional Water Quality Control Board in documentation dated October 30, 2002, that California Water Code section 13241 provides for a change of water quality objectives based on the following:

"Each regional board shall establish such water quality objectives in water quality control plans as in its judgment will ensure the reasonable protection of beneficial uses and the prevention of nuisance; however, it is recognized that it may be possible for the quality of water to be changed to some degree without unreasonably affecting beneficial uses. Factors to be considered by a regional board in establishing water quality objectives shall include, but not necessarily be limited to, all of the following:

- a) Past, present, and probable future beneficial uses of water;
- b) Environmental characteristics of the hydrographic unit under consideration, including the quality of water available hereto;
- c) Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area;
- d) Economic considerations;
- e) The need for developing housing within the region;
- f) The need to develop and use recycled water."

Based on this criterion, the STWMA member agencies and the Santa Ana Regional Water Quality Control Board agreed to establish maximum benefit water quality objectives for the Beaumont Management Zone as long as the irrevocable commitments made by the member agencies are fulfilled. These irrevocable commitments are specifically identified in Resolution No. R8-2004-0001 (pages 72-78).

The parties recognize that failure to fully implement the commitments will required mitigation of the adverse water quality effects, both on the immediate and downstream waters that resulted from the recycled water discharges. Furthermore, the “mitigation by groundwater extraction and desalting must be adjusted to address concentrations of salt and nitrogen in the basin, not simply salt load”



## Regional Salt Management Strategy

On September 13, 2010 the managers of the Beaumont Cherry Valley Water District, City of Beaumont and Yucaipa Valley Water District received an *Order Pursuant to Water Code Section 13267 for Technical Reports for a Technical Report to Support the Implementation of the Maximum Benefit Objectives for Total Dissolved Solids and Nitrate Nitrogen in the Beaumont Management Zone*. The Order required the preparation of a technical report that included the following elements:

1. Updated planning information for the use of all sources of water by each agency in the Beaumont Management Zone. This updated information needed to include flow, quality, and recharge or use location;
2. An update of the CSRM model to create 30-year TDS and nitrogen projections for the Beaumont Management Zone based on the full range of recycled water planning scenarios that are being considered; and
- 3A. An assessment of the individual and cumulative water quality impact as a result of each agency's water management activities; and
- 3B. A calculation of the salt liability of all recycled water users in the Beaumont Management Zone.

The required elements identified above as 1., 2., and 3A. have been previously provided to the Santa Ana Regional Water Quality Control Board. This draft document has been prepared in compliance with the required element 3B. above.

Over the past several months, the agencies involved in the preparation of this document have strongly embraced the importance of maintaining high quality water resources in the Beaumont Management Zone. Since the Beaumont Management Zone does not have a large volumes of natural runoff like the Bunker Hill B Management Zone, it is important to protect the local water quality in a manner consistent with the policies of the State of California and the Basin Plan as approved by the Santa Ana Regional Water Quality Control Board.

For illustration purposes, the following graph represents the water quality objectives and 2009 current ambient water quality as water resources proceed downstream from the Beaumont Management Zone to the Orange County Management Zone.

Total Dissolved Solids (mg/l)			
Management Zone	Water Quality Objective	Maximum Benefit Objective	2009 Current Ambient Water Quality
Beaumont	230	330	280
San Timoteo	300	400	420
Bunker Hill B	310	--	270
Colton	410	--	430
Riverside A	560	--	430
Chino - South	680	--	980
Orange County	580	--	600

To maintain the high quality water resources of the Beaumont Management Zone, the undersigned agencies recognize the importance of fully implementing the commitments made by the San Timoteo Watershed Management Authority in order to maintain the maximum benefit objectives applied in the Beaumont Management Zone.

City of Banning:

_____	_____	_____
Print Name	Signature	Date

Beaumont Cherry Valley Water District:

_____	_____	_____
Print Name	Signature	Date

San Gorgonio Pass Water Agency:

_____	_____	_____
Print Name	Signature	Date

Yucaipa Valley Water District:

_____	_____	_____
Print Name	Signature	Date

1. **Surface Water Monitoring, Groundwater Monitoring and Ambient Groundwater Quality Determination.** (See Santa Ana Regional Water Quality Control Board Basin Plan, Table 5-10a, page 5-73 and 5-74, Items 1, 2, and 6)

The Beaumont Cherry Valley Water District, the City of Banning, the San Gorgonio Pass Water Agency, and the Yucaipa Valley Water District are committed to continue our active role in surface water monitoring, groundwater monitoring and the preparation of the ambient groundwater quality determinations.

To fully satisfy the maximum benefit commitment associated with surface water monitoring, groundwater monitoring and ambient groundwater quality determination, the Parties propose to jointly collect water quality samples and participate in the cost of data compilation and report preparation as provided in Exhibit C. The proposed water quality monitoring locations and tests performed will be reviewed and potential changes to the water quality protocol will be forwarded to the Regional Water Quality Control Board for review and approval every three years as part of the ambient water quality determination.



2. **Desalter and Brineline Facilities.** (See Santa Ana Regional Water Quality Control Board Basin Plan, Table 5-10a, page 5-73, Item 3)

The Yucaipa Valley Water District is in the process of completing an extension of the Santa Ana Regional Interceptor from the San Bernardino Wastewater Treatment Plant to the Wochholz Regional Water Recycling Facility. This brineline extension (the "Yucaipa Valley Regional Brineline") and associated reverse osmosis equipment is scheduled to be completed and operational by the second quarter of 2014.

With the completion of the brineline and reverse osmosis, the "maximum benefit" objectives necessary to protect the water resources of the Beaumont Management Zone is achieved for the Yucaipa Valley Water District and users of the recycled water produced by the Wochholz Regional Water Recycling Facility.

As provided in greater detail below, compliance with this commitment will be demonstrated as follows:

- A. **Recycled Water for Irrigation Purposes** - Upon completion and operation of the Yucaipa Valley Regional Brineline and associated equipment, the Yucaipa Valley Water District will reduce the salinity of recycled water supplies to comply with a 10-year running average total dissolved solids ("TDS") concentration of 330 mg/l in the Beaumont Management Zone.

Compliance of this water quality objective will be measured in the recycled water system as a weighted average of recycled water within the management zone and will be achieved by blending imported water sources or desalting the recycled water supply. The ten-year compliance calculation would begin when recycled water from the Wochholz Regional Water Recycling Facility is first introduced into the recycled water system.

- B. **Recycled Water Recharge** - Recycled water recharge, whether it is direct or incidental, shall comply with the maximum benefit objectives of the Beaumont Management Zone. Upon completion and operation of the Yucaipa Valley Regional Brineline and associated equipment, the Yucaipa Valley Water District will reduce the salinity of our recycled water to comply with a 10-year running average total dissolved solids ("TDS") concentration of 330 mg/l in the Beaumont Management Zone.

Compliance of this water quality objective will be measured at the point of discharge and will be achieved by desalting the recycled water supply and/or blending the recycled water supply with other imported water resources.

3. **Recycled (Non-Potable) Water Supply.** (See Santa Ana Regional Water Quality Control Board Basin Plan, Table 5-10a, page 5-73, Item 4)

The Beaumont Cherry Valley Water District, the City of Banning, the San Geronio Pass Water Agency, and the Yucaipa Valley Water District will maintain a 10-year running average total dissolved solids concentration of 330 mg/l in the recycled (non-potable) water supplies used in the Beaumont Management Zone.

Compliance of this water quality objective will be measured in the recycled water system as a weighted annual average concentration of all recycled water sources added to the recycled water system within the management zone. It is anticipated that an agency can comply with this “maximum benefit” commitment by blending the recycled water supply with water resources imported into the Beaumont Management Zone, imported water from the State Water Project, storm water added to the recycled water supply system, or by directly desalting the recycled water source.

**4. Recycled Water Recharge.** (See Santa Ana Regional Water Quality Control Board Basin Plan, Table 5-10a, page 5-73, Item 5)

The Beaumont Cherry Valley Water District, the City of Banning, the San Geronio Pass Water Agency, and the Yucaipa Valley Water District recognize the importance of maintaining the pure water resources in the Beaumont Management Zone. Therefore, the Parties will recharge recycled water, whether direct or incidental; in compliance with a 10-year running average of 330 mg/l total dissolved solids for the recharge of waters within the boundary of the Beaumont Management Zone.

Compliance of this water quality objective will be measured at the point of discharge to calculate the representative water quality and quantity recharged within the definitive recharge facility property/parcel boundary. The “maximum benefit” water quality objective at the recharge property/parcel is expected to be achieved by desalting the recycled water supply and/or blending recycled water with water resources added to the recharge facility such as imported water from outside the Beaumont Management Zone, imported water from the State Water Project, or storm water captured at the recharge facility. In all cases the quantity and quality of the water supplies recharged will be monitored and reported.

In cases whereby multiple Parties propose to recharge recycled water in the same recharge facility property/parcel boundary, each individual agency will separately demonstrate independent compliance with the maximum benefit objective. A comprehensive annual report will be compiled by the participating agencies demonstrating compliance with the maximum objective within the recharge facility property/parcel boundary by each agency.

The preparation of this document is based on a concept of consistent implementation of water quality objectives throughout the watershed. The Parties request permit language that provides an opportunity to ensure a consistent and uniform approach is applied to the implementation of waste discharge requirements in the region.

## **Santa Ana Regional Water Quality Control Board Basin Plan**

The 1995 Water Quality Control Plan for the Santa Ana River Basin (Region 8) was updated in February 2008 with minor, nonsubstantive editorial corrections made to Chapter 4 in June 2011. Attached for reference are pages 5-71 to 5-81.



## **2. San Timoteo and Beaumont Management Zones – City of Beaumont and San Timoteo Watershed Management Authority (STWMA)**

As shown in Chapter 4, two sets of TDS and nitrate-nitrogen objectives have been adopted for both the San Timoteo and Beaumont Management Zones: the “maximum benefit” objectives and objectives based on historic ambient quality (the “antidegradation” objectives). The application of the “maximum benefit” objectives for these Management Zones is contingent on the implementation of commitments by the City of Beaumont/STWMA (and, in the case of the San Timoteo Management Zone, by the Yucaipa Valley Water District (YVWD; see preceding discussion)) to implement a specific water and wastewater resources management program [Ref. 10E]. This program is part of a coordinated effort by the member agencies of STWMA to develop and implement projects that will assure reliable water supplies to meet rapidly increasing demands in this area. The San Timoteo Watershed Management Program (STWMP) developed by STWMA entails enhanced recharge of native and recycled water, maximizing the direct use of recycled water, optimizing the direct use of imported water, recharge and conjunctive use.

Wastewater collection and treatment services in the STWMA service area are provided by the City of Beaumont, as well as YVWD. Beaumont discharges tertiary treated wastewater to Coopers Creek, a tributary of San Timoteo Creek, Reach 3. This unlined reach of the Creek overlies and recharges the San Timoteo groundwater management zone.

Table 5-10a identifies the projects and requirements that must be implemented by Beaumont/STWMA to demonstrate that water quality consistent with maximum benefit to the people of the state will be maintained. STWMA, acting for all its member agencies, has committed to conduct the regional planning and monitoring activities necessary to implement these “maximum benefit” commitments, and the San Timoteo Watershed Management Program as a whole. Table 5-10a also specifies an implementation schedule. The Regional Board will revise the City of Beaumont’s waste discharge requirements and take other actions as necessary to require that these commitments be met. It is assumed that maximum benefit is demonstrated, and that the “maximum benefit” water quality TDS and nitrate-nitrogen objectives apply to the Beaumont and San Timoteo Management Zones, as long as the schedule is being met<sup>7</sup>. If the Regional Board determines that the maximum benefit program is not being implemented effectively in accordance with the schedule shown in Table 5-10a (and in the case of the San Timoteo Management Zone, the commitments and schedule shown in Table 5-9a (see preceding section)), then maximum benefit is not demonstrated, and the “antidegradation” TDS and nitrate-nitrogen objectives apply. In this situation, the Regional Board will require mitigation for TDS and nitrate-nitrogen discharges

<sup>7</sup> Application of “maximum benefit” objectives for the San Timoteo Management Zone is also contingent on the timely implementation of the commitments by the Yucaipa Valley Water District which are discussed in the preceding section.

affecting these management zones that took place in excess of limits based on the “antidegradation” objectives.

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IMPLEMENTATION

5-72

January 24, 1995  
Updated February 2008

Table 5-10a

City of Beaumont and San Timoteo Watershed Management Authority  
Maximum Benefit Commitments

Description of Commitment	Compliance Date – as soon as possible, but no later than
<p>1. Surface Water Monitoring Program</p> <p>a. Submit Draft Monitoring Program to Regional Board</p> <p>b. Implement Monitoring Program</p> <p>c. Quarterly data report submittal</p> <p>d. Annual data report submittal</p>	<p>a. January 23, 2005</p> <p>b. Within 30 days from Regional Board approval of monitoring plan</p> <p>c. April 15, July 15, October 15, January 15</p> <p>d. February 15<sup>th</sup></p>
<p>2. Groundwater Monitoring Program</p> <p>a. Submit Draft Monitoring Program to Regional Board</p> <p>b. Implement Monitoring Program</p> <p>c. Annual data report submittal</p>	<p>a. January 23, 2005</p> <p>b. Within 30 days from Regional Board approval of monitoring plan</p> <p>c. February 15<sup>th</sup></p>
<p>3. Desalter(s) and Brine Disposal Facilities</p> <p>Submit plan and schedule for construction of desalter(s) and brine disposal facilities. Facilities are to be operational as soon as possible but no later than 7 years from date of Regional Board approval of plan/schedule.</p> <p>b. Implement the plan and schedule</p>	<p>a. Within 6 months of either of the following:</p> <p>i. When Beaumont's effluent 5-year running average TDS exceeds 480 mg/L; and/or</p> <p>ii. When volume weighted average concentration in the Yucaipa MZ of TDS exceeds 320 mg/L</p> <p>b. Within 30 days from Regional Board approval of monitoring plan</p>
<p>4. Non-potable water supply</p> <p>Implement non-potable water supply system to serve water for irrigation purposes. The non-potable supply shall comply with a 10-year running average TDS concentration of 330 mg/L or less</p>	<p>December 23, 2014</p>

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Description of Commitment	Compliance Date – as soon as possible, but no later than
<p>5. Recycled water recharge</p> <p>The recharge of recycled water in the Beaumont or San Timoteo Management Zones shall be limited to the amount that can be blended with other recharge sources to achieve a 5-year running average equal to or less than the “maximum benefit” objectives for TDS and nitrate-nitrogen for the relevant Management Zone(s).</p> <ul style="list-style-type: none"> <li>a. Submit baseline report of amount, locations, and TDS and nitrogen quality of stormwater/imported water recharge.</li> <li>b. Submit documentation of amount, TDS and nitrogen quality of all sources of recharge and recharge locations. For stormwater recharge used for blending, submit documentation that the recharge is the result of City of Beaumont/STWMA enhanced recharge facilities/programs</li> </ul>	<p>Compliance must be achieved by end of 5<sup>th</sup> year after initiation of recycled water use/recharge operations.</p> <ul style="list-style-type: none"> <li>a. Prior to initiation of construction of basins/other facilities to support enhanced storm/water imported water recharge .</li> <li>b. Annually, by January 15<sup>th</sup>, after initiation construction of facilities/implementation of programs to support enhanced recharge.</li> </ul>
<p>6. Ambient groundwater quality determination</p>	<p>July 1, 2005 and every 3 years thereafter</p>
<p>7. Replace denitrification facilities (if necessary to comply with TIN wasteload allocation specified in Table 5-5)</p>	<p>Compliance with 6 mg/L TIN limitation to be achieved by December 23, 2007</p>
<p>8. City of Beaumont recycled water quality Improvement plan and schedule</p> <ul style="list-style-type: none"> <li>a. Submit plan and schedule</li> <li>b. Implement plan and schedule</li> </ul>	<ul style="list-style-type: none"> <li>a. 60 days after the TDS 12-month running average effluent quality equals or exceeds 480 mg/L for 3 consecutive months and/or the 12-month running average TIN concentration equals or exceeds 6 mg/L in any month (once facility/operational changes needed to achieve 6 mg/L TIN are in place)</li> <li>b. Upon approval by Regional Board</li> </ul>
<p>9. Remove/reduce the discharge of Beaumont Effluent From the unlined portion of San Timoteo Creek</p> <ul style="list-style-type: none"> <li>a. Submit proposed plan/schedule</li> <li>b. Implement plan/schedule</li> </ul>	<ul style="list-style-type: none"> <li>a. June 23, 2005</li> <li>b. Upon Regional Board approval</li> </ul>

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A. Description of City of Beaumont, San Timoteo Watershed Authority Commitments

1. Surface Water Monitoring Program (Table 5-10a, #1)

The City of Beaumont and the STWMA shall develop and submit for Regional Board approval a surface water monitoring program for San Timoteo, Little San Gorgonio and Noble Creeks at the locations listed in Table 5-10b. The monitoring program must be implemented within 30 days of Regional Board approval of the monitoring plan, and six months of data must be generated prior to the implementation of any changes to the effluent discharge points and before any recycled water is used in the Beaumont or San Timoteo Management Zones.

At a minimum, the surface water monitoring program shall include the collection of monthly measurements of TDS and nitrogen components at locations in San Timoteo, Little San Gorgonio and Noble Creeks (see Table 5-10b). Data reports shall be submitted to the Regional Board's Executive Officer by April 15, July 15, October 15 and January 15 each year. An annual report summarizing all data collected for the year and evaluating compliance with relevant surface water objectives shall be submitted February 15th of each year.

2. Groundwater Monitoring Program (Table 5-10a. #2)

The purpose of the groundwater monitoring program is to identify the effects of the implementation of the Beaumont and San Timoteo Management Zone maximum benefit TDS and nitrate-nitrogen water quality objectives on water levels and water quality within the Beaumont and San Timoteo Management Zones. Prior to discharge of recycled water to the Beaumont and/or San Timoteo Management Zone, the City of Beaumont and the STWMA shall submit to Regional Board for approval a groundwater monitoring program to determine ambient water quality in the Beaumont and San Timoteo Management Zones. The groundwater monitoring program must be implemented within 30 days of approval by the Regional Board.

An annual report, including all raw data and summarizing the results of the approved groundwater monitoring program, shall be submitted to the Regional Board by February 15th of each year.

3. Desalters and Brine Disposal (Table 5-10a. #3)

The City of Beaumont and the STWMA shall construct and operate desalting facilities and brine disposal facilities when:

- a. The 5-year running average TDS concentration in recycled water produced at the City of Beaumont wastewater treatment plant exceeds 480 mg/L, or
- b. The volume-weighted TDS concentration in the Beaumont Management Zone equals or exceeds 320 mg/L.

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The construction of these facilities will be in accordance with a plan and schedule submitted by Beaumont/STWMA and approved by the Regional Board. The schedule shall assure that these facilities are in place within 7 years of Regional Board approval. These facilities shall be designed to stabilize or reverse the degradation trend evidenced by effluent and/or management zone quality.

Table 5 – 10b

Surface Water Monitoring Sites for Monitoring Water Quality and Quantity  
City of Beaumont & San Timoteo Watershed Management Authority

Site Name	Discharge	Owner	Type	Discharge Frequency	Monitoring Period	Water Quality Monitoring Frequency	Water Quality Monitoring Period	Water Quality Monitoring Analyses
Above confluence With Coopers Cr.	San Timoteo Creek	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Bi-weekly	Jan-Dec	TDS, TIN, Physical
Near Hinda Sec.35 T2S,R2W	San Timoteo Creek	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Bi-weekly	Jan-Dec	TDS, TIN, Physical
Above confluence With San Timoteo Creek	Coopers Creek	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Bi-weekly	Jan-Dec	TDS, TIN, Physical
At Freeway 10	Little San Gorgonio Cr.	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Bi-weekly	Jan-Dec	TDS, TIN, Physical
At Freeway 10	Noble Creek	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Bi-weekly	Jan-Dec	TDS, TIN, Physical
Recharged to Beaumont MZ	State Water Project	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Monthly	Jan-Dec	TDS, Nitrate-N
Recharged to Beaumont MZ	Storm water	Beaumont & STWMA	Total Discharge	Bi-weekly	Jan-Dec	Monthly	Jan-Dec	TDS, Nitrate-N

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4. Non-potable water supply distribution system (Table 5-10a, #4)

Like YVWD, the City of Beaumont is constructing a non-potable water system that will convey untreated State Project water and recycled water for irrigation within its service area. The intent of blending these sources is to minimize the impact of recycled water use on groundwater quality in the proposed Beaumont and San Timoteo Management Zones. A higher proportion of State Project water will be used in wet, surplus years, while larger amounts of recycled water will be used in dry, deficit years.

5. Recycled Water Use (Table 5-10a, #5)

The use of recycled water within the Beaumont Management Zone is a critical component of the City of Beaumont and STWMA water management plan and is necessary to maximize the use of the water resources of the Beaumont area.

The demonstration of “maximum benefit” and the continued application of the “maximum benefit” objectives depends on the combined recharge (recycled water, imported water, storm water) to the Beaumont Management Zone of a 5-year annual average (running average) TDS concentration of 330 mg/L and a nitrate-nitrogen concentration of 5 mg/L. If recycled water recharge in the San Timoteo Management Zone is pursued, then the application of the “maximum benefit” objectives will depend on the combined recharge to that Zone of 5-year annual average (running average) concentrations of 400 mg/L or less TDS, and 5 mg/L or less nitrate-nitrogen.

To comply with this requirement, the STWMA member agencies are developing plans to recharge and store State Project water in the proposed Beaumont Management Zone. The Beaumont-Cherry Valley Water District (BCVWD) is developing a new 80-acre groundwater recharge project that will increase storm water recharge in the Beaumont Basin by 4,100 acre-ft/yr. This facility will also be used to recharge State Water project water. The City of Beaumont is also developing storm water recharge in facilities in newly developing areas, which is expected to result in the recharge of an additional 2,400 acre-ft/yr of stormwater runoff.

Accordingly, the use of recycled water for use or recharge in the Beaumont or San Timoteo Management Zone shall be limited to the amount that can be blended on a volume-weighted basis with other sources of recharge to achieve 5-year running average concentrations less than or equal to the “maximum benefit” objectives for the affected groundwater management zone. The 25% nitrogen loss coefficient will be applied in determining the amount of recharge of other water sources that must be achieved to meet the 5-year running average nitrogen concentrations.

6. Ambient Groundwater Quality Determination (Table 5-10a, # 6)

By July 1, 2005, and every three years thereafter, the City of Beaumont and STWMA shall submit a determination of ambient TDS and nitrate-nitrogen quality in the Beaumont and San Timoteo Management Zones. This determination shall be accomplished using methodology consistent with the calculation (20-year running averages) used by the Nitrogen /TDS Task Force to develop the TDS and nitrate-nitrogen "antidegradation" water quality objectives for groundwater management zones within the region [Ref. 1].

7. Replacement/modification of denitrification facilities (Table 5-10a, #7)

The City of Beaumont has committed to produce recycled water with a 12-month average TIN concentration of 6 mg/L or less by 2008. This may be accomplished via operational changes, or may require the installation/modification of facilities. This TIN effluent quality is specified in the TIN wasteload allocation (see Table 5-5) and is necessary to assure compliance with the proposed "maximum benefit" nitrate-nitrogen objective for the Beaumont and San Timoteo Management Zones (5 mg/L). An appropriate schedule, not to exceed December 23, 2007 for compliance with this effluent limit will be specified in a revised NPDES permit for the City.

8. City of Beaumont Wastewater Management (Table 5-10a, #8)

Beaumont expects to limit the TDS concentration in its effluent to less than or equal to 490 mg/L by using a low TDS source water supply for potable uses, selective desalting of either source water and/or recycled waters, and minimizing the TDS waste increment.

Within 60 days after the Beaumont 12-month running average concentration for TDS equals or exceeds 480 mg/L for 3 consecutive months, or the 12-month running average TIN concentration equals or exceeds 6 mg/L in any month (once facility/operational changes needed to achieve 6 mg/L TIN are in place), the City of Beaumont shall submit to the Regional Board a plan and time schedule for implementation of measures to insure that the average agency wastewater effluent quality does not exceed 490 mg/L and 6 mg/L for TDS and TIN, respectively. The plan and schedule are to be implemented upon approval by the Regional Board.

9. Relocation of San Timoteo Creek Discharge (Table 5-10a, #9)

Like YVWD, Beaumont has established the goal of eliminating its discharge to the unlined reach of San Timoteo Creek by 2008 to minimize the impacts of these discharges on the San Timoteo Management Zone. The STWMP anticipates that Beaumont's recycled water will be almost completely reused within the Beaumont area for landscape irrigation, habitat enhancement, and potentially for groundwater recharge. Like YVWD, Beaumont and STWMA are also considering the export of a portion of Beaumont's surplus recycled water to the San Jacinto basin, where the

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TDS objectives are higher than those for the Beaumont Management Zone and recycled water demands are greater than supplies. Some limited recycled water discharge to Coopers Creek and thence /San Timoteo Creek may need to be continued to support existing riparian habitat.

Whole or partial removal of the discharge from the unlined reach of San Timoteo Creek would improve the quality of groundwater in the San Timoteo Management Zone and supplement recycled water supplies available for reuse elsewhere in the service area.

By June 23, 2005, Beaumont/STWMA shall submit a proposed plan and schedule to remove/reduce the discharge of recycled water to the unlined reach of San Timoteo Creek. The plan and schedule shall be implemented upon Regional Board approval.

## B. Implementation by Regional Board

### 1. Revision of City of Beaumont NPDES Permit

To implement the “maximum benefit” objectives, the Regional Board will revise the NPDES permit for the City of Beaumont wastewater discharge to reflect the commitments described above, as appropriate. This includes the following.

The discharge limits for TDS and TIN will be specified as an annual volume-weighted average not to exceed 490 mg/L TDS and 6 mg/L TIN. These limits are based on the wasteload allocation shown in Table 5-5. A schedule not to exceed December 23, 2007 for compliance with this TIN limit shall be included in the permit. This schedule will enable Beaumont to make the necessary facility/operational changes. Alternative TDS and nitrate-nitrogen limitations based on the “antidegradation” objectives will also be specified and will apply should the Regional Board find that maximum benefit is not demonstrated. These alternative limits are also specified in Table 5-5. Compliance schedules for these alternative limits will be specified in Beaumont’s waste discharge requirements, as necessary.

Beaumont will be required to implement measures to improve effluent quality when the 12-month running average effluent TDS quality equals or exceeds 480 mg/L for 3 consecutive months, and/or when the 12-month running average TIN concentration equals or exceeds 6 mg/L in any month (once the facility/operational changes necessary to assure compliance with the 6 mg/L limit are in place).

Beaumont’s waste discharge requirements will require that recycled water used for recharge shall be limited to the amount that can be blended with other water sources, such as stormwater or imported water, to achieve 5-year running average concentrations equal to or less than the “maximum benefit” TDS and nitrate-nitrogen objectives for the affected management zone (Beaumont or San Timoteo).

The effluent limits for the City of Beaumont, which establish an upper limit on TDS and TIN concentrations of recycled water discharged in the management zones, are

a key part of the maximum benefit demonstration. The cap on effluent TDS and TIN concentrations provides a controlling point for management of TDS and nitrogen water quality. The City of Beaumont has committed to initiate the building of a groundwater desalter and brine disposal line when the TDS in the City's effluent reaches 480 mg/L. Further, the City will immediately implement a salt management program to reduce the salts entering the City's wastewater treatment plant. This salt management program will include: 1) provision of incentives for the removal of on-site regenerative water softeners and the use of off-site regenerative systems; and 2) percolation of State Water Project water into the Beaumont Management Zone when State Water Project water has low TDS. Implementing these measures will assure that the groundwater quality remains at or below the Beaumont management zone objective of 330 mg/L TDS. Maintenance of this ambient groundwater quality is necessary, in turn, to assure that the City's wastewater treatment facility is able to meet the effluent TDS limits. Beaumont Management Zone groundwater is a component of the water supplied to the City and its quality thus has an important effect on the effluent quality. Poor ambient quality will preclude the City from meeting effluent limits without desalting.

Beaumont will be required to submit a proposed plan and schedule for the removal/reduction of its wastewater discharges from the unlined reach of San Timoteo Creek. Beaumont's revised permit will also reflect the surface and groundwater monitoring program requirements described above. This includes the determination of ambient quality in the San Timoteo and Beaumont Management Zones.

## 2. Review of Project Status

No later than 2005, and every three years thereafter (to coincide with the Regional Board's triennial review process), the Regional Board intends to review the status of the activities planned and executed by the City of Beaumont and STWMA to demonstrate maximum benefit and justify continued implementation of the "maximum benefit" water quality objectives. This review is intended to determine whether the commitments specified above and summarized in Table 5-10a are met. As indicated above, if, as a result of this review, the Regional Board finds that the City of Beaumont and STWMA commitments are not met and after consideration at a duly noticed Public Hearing, the Regional Board will make a finding that the lowering of water quality associated with TDS and nitrate-nitrogen water quality objectives that are higher than historical water quality (the "antidegradation" objectives) is not of maximum benefit to the people of the state. By default, the scientifically derived "antidegradation" objectives for the Beaumont and San Timoteo Management Zones would become effective (230 mg/L TDS and 1.5 mg/L nitrate-nitrogen for the Beaumont Management Zone; 300 mg/L TDS and 2.7 mg/L nitrate-nitrogen for the San Timoteo Management Zone (see Chapter 4).

Furthermore, in the event that the projects and actions specified in Table 5-10a are not implemented, the Regional Board will require that the City of Beaumont and STWMA mitigate the adverse water quality effects, both on the immediate and

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downstream waters, that resulted from the recycled water discharges based on the “maximum benefit” objectives. As for CBW/IEUA and YVWD, discharges in excess of the antidegradation objectives that must be considered for mitigation include both recycled water and imported water, at TDS concentrations in excess of the antidegradation objectives. Mitigation by groundwater extraction and desalting must be adjusted to address concentrations of salt and nitrogen in the basin, not simply salt load.

**(End of Salt Management Plan Section) (End of Resolution R8-2004-0001)**

## **NONPOINT SOURCE PROGRAM**

Considerable improvements in water quality have been achieved in the nation through the control of point source discharges such as those from sewage treatment plants or industrial facilities. It is now recognized that in many areas, nonpoint source inputs, such as urban nuisance flows and stormwater runoff, are the principal sources of contaminant inputs to surface and groundwaters.

In contrast to point sources, which discharge wastewater of predictable quantity and quality at a discrete point (usually at the end of a pipe), nonpoint source inputs are diffuse in origin and variable in quality. Management of nonpoint source inputs is in many ways more difficult to achieve, since it requires an array of control techniques customized to local watershed conditions.

### **Nonpoint Source Management Plan**

Section 319 of the 1987 amendments to the Clean Water Act (33 USC 466 *et seq.*), established the framework for nonpoint source activities. Section 319 requires each state to prepare a Nonpoint Source Management Plan and to conduct an assessment of the impact nonpoint sources have on the state’s waterbodies. In response to these requirements, the State Board adopted the Nonpoint Source Management Plan (NPSMP) in 1988 and the Water Quality Assessment in 1990 (see Chapter 6 for a discussion of the Water Quality Assessment). The NPSMP establishes a statewide policy for managing nonpoint source inputs to California’s waters and is part of this Basin Plan.

The State Board defined six objectives of the Nonpoint Source Management Plan, four of which apply to activities in the Santa Ana Region:

1. Initiate and institutionalize activities for control of nonpoint source pollution (drainage from urban activities, agriculture, silviculture, abandoned mines construction, grazing, hydrologic modification, and individual disposal systems). These activities include outreach, education, public participation, technical assistance, financial assistance, interagency coordination, and demonstration projects.

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**Order Pursuant to Water Code Section 13267 for Technical Reports  
for a Technical Report to Support the Implementation of the  
Maximum Benefit Objectives for Total Dissolved Solids and  
Nitrate Nitrogen in the Beaumont Management Zone**





Linda S. Adams  
Secretary for  
Environmental Protection

## California Regional Water Quality Control Board Santa Ana Region

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Arnold Schwarzenegger  
Governor

September 13, 2010

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Beaumont Cherry Valley Water District  
Attention: Anthony Lara  
Interim General Manager  
560 Magnolia Avenue  
Beaumont, CA 92223

City of Beaumont  
Attention: David Dillon  
Director of Economic Development  
550 East 6th Street  
Beaumont, CA 92223

Yucaipa Valley Water District  
Attention: Joe Zoba  
General Manager  
12770 Second Street  
Yucaipa, CA 92399

### **ORDER PURSUANT TO WATER CODE SECTION 13267 FOR TECHNICAL REPORTS FOR A TECHNICAL REPORT TO SUPPORT THE IMPLEMENTATION OF THE MAXIMUM BENEFIT OBJECTIVES FOR TOTAL DISSOLVED SOLIDS AND NITRATE NITROGEN IN THE BEAUMONT MANAGEMENT ZONE**

Gentlemen:

This Order, issued pursuant to California Water Code section 13267, requires that you submit certain plans and schedules (collectively, reports) to evaluate the impact of discharges of total dissolved solids (TDS) and nitrogen on the Beaumont Groundwater Management Zone (Beaumont MZ). This requirement is consistent with the Salt Management Plan for the Santa Ana Region, and in particular the maximum benefit implementation plan for the Beaumont MZ, adopted by the California Regional Water Quality Control Board, Santa Ana Region (Regional Water Board) in 2004 (Resolution No. R8-2004-0001) and approved by the State Water Resources Control Board and the Office of Administrative Law in 2005.

#### **Background of the Maximum Benefit Implementation Plan for the Beaumont MZ**

On June 26, 2002, the San Timoteo Watershed Management Authority (STWMA<sup>1</sup>) submitted a proposal to establish maximum benefit objectives for TDS and nitrate-nitrogen for the Beaumont MZ to accommodate water resource management projects, including the recharge of stormwater,

<sup>1</sup> The San Timoteo Watershed Management Authority (STWMA) was formed in January 2001 by the Beaumont-Cherry Valley Water District (BCVWD), the City of Beaumont (Beaumont), the South Mesa Water Company and the Yucaipa Valley Water District (YVWD). The STWMA formed a stakeholder group to develop a watershed scale water resources management program that would provide a safe and reliable water supply for all water users in the watershed. In July 2010, STWMA disbanded.

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imported State Project Water (SPW), and recycled water. The maximum benefit objectives and commitments for Beaumont MZ were based on detailed model projections and analyses conducted by Wildermuth Environmental, Inc (WEI). The modeling analysis utilized a Constantly Stirred Reactor Model (CSRM), and simulated TDS groundwater quality through 2100 resulting from the implementation of several planned scenarios, including a no project alternative and the preferred maximum benefit alternative. The preferred maximum benefit alternative assumes that 10,000 acre-ft of replenishment water will be recharged into the Beaumont MZ with a 50/50 mix of recycled water and SPW. The preferred option also assumed that 5,100 acre-ft of non-potable supply of a 50 /50 mix of SPW and recycled water would be used within the Beaumont MZ. The TDS quality of recycled water, to be provided by the City of Beaumont Wastewater Treatment Plant (WWTP), was assumed to have an average TDS concentration of 550 mg/L, and the imported water was assumed to have a TDS concentration of 290 mg/L.

The Regional Board adopted the maximum benefit proposals in 2004 (Resolution No. R8-2004-0001), assigning STWMA and the City of Beaumont the responsibility for implementing the maximum benefit commitments in the Beaumont MZ. The commitments include building desalting facilities when either of the following occurs:

- When the five-year average TDS concentration in recycled water produced by the Beaumont WWTP is 10 mg/L less than its current TDS limit (490 mg/L), or
- When the volume-weighted TDS concentration in the Beaumont MZ rises to within 10 mg/L of the maximum benefit TDS objective of 330 mg/L.

Resolution No. R8-2004-0001 also specifies similar maximum benefit implementation programs for the Yucaipa and San Timoteo MZs. Yucaipa Valley Water District (YVWD) is responsible for implementation of the maximum benefit commitments for the Yucaipa MZ, and is jointly responsible for implementing the maximum benefit commitments for the San Timoteo MZ along with the City of Beaumont and STWMA.

### **Permitting Issues**

Since 2009, the Beaumont Cherry Valley Water District (BCVWD) has been working with Regional Board staff to obtain a recycled water permit to utilize various sources of water for non-potable use and for recharge in the Beaumont MZ. BCVWD is proposing to use recycled water from both the Yucaipa Valley Water District (YVWD) and the City of Beaumont, local groundwater, and imported SWP water. The ranges of anticipated flow and water quality for the YVWD recycled water and local groundwater for the near term (2015) and long term (2035), are described in a June 2, 2010 letter report submitted by BCVWD, which is attached as Exhibit A. These "new" sources of water – the YVWD recycled water and local groundwater – were not considered in the original model projections and analyses conducted by WEI in 2002. Therefore, the water quality impact of these "new" sources on the Beaumont MZ is unknown.

The City of Beaumont is also working with Regional Board staff to renew and update their Waste Discharge Requirements (WDRs) to increase the discharge from 4 MGD (approximately 4,484 acre-ft/year) to 8 MGD (8,968 acre-ft/year). Concurrently, YVWD has requested revisions to their WDRs to correct an error in the TDS limit for recycled water used for irrigation, and to include a provision allowing for the recharge of recycled water into the Beaumont MZ. YVWD's proposed irrigation use and recharge of recycled water in the Beaumont MZ was not considered in the original analysis by WEI, and the impact of these discharges needs to be evaluated.



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### **Basin Plan Amendment Issues**

As previously indicated, the Basin Plan specifies that STWMA and the City of Beaumont are responsible for implementing the maximum benefit commitments related to the Beaumont MZ. However, with the dissolution of STWMA, the responsibilities for carrying out the maximum benefit commitments in the Beaumont MZ need to be re-assessed. Some STWMA members, including BCVWD, the City of Beaumont and YVWD, continue to have and/or have expressed new interest in water management activities, including the use/increased use of recycled water, in the Beaumont MZ. Given this, it is necessary to reconsider the assigned responsibilities for implementing maximum benefit commitments for the Beaumont MZ. One STWMA member, South Mesa Water Company, has no interest in the Beaumont MZ, and should not be included in the maximum benefit program. In sum, the Basin Plan needs to be revised to incorporate changes in water resource and salt management, and maximum benefit implementation in the Beaumont MZ. To do so, an updated modeling analysis is necessary. It should be noted that this analysis is necessary in any case to support current permitting requests, described above. The analysis must include an assessment of salt liabilities by these agencies under the different management scenarios so that the responsibilities for maximum benefit implementation can be properly assigned.

### **Required Submittals**

Consistent with the Salt Management Plan, you are hereby required to submit an updated analysis for the Beaumont MZ to the Regional Water Board as soon as possible, but **no later than November 30, 2010**. The analysis must include the following:

- 1) Updated planning information for the use of all sources of water by each agency in the Beaumont MZ. This updated information shall include flow, quality, and recharge or use location;
- 2) An update of the CSRM model to create 30-year TDS and nitrogen projections for the Beaumont MZ based on the full range of recycled water planning scenarios that are being considered; and
- 3) An assessment of the individual and cumulative water quality impact as a result of each agency's water management activities and calculation of the salt liability of all recycled water users in Beaumont MZ

The model analysis that is conducted must be consistent with the model analysis that was performed as part of the 2002 maximum benefit proposal.

We recommend that BCVWD, YVWD and the City of Beaumont conduct a single joint analysis. However, if each agency chooses to submit a separate analysis, it must include an assessment of all planned water uses by all agencies and include all the elements identified above.

### **Need for Technical Report**

The Regional Water Board is charged with the protection of water quality in this Region. Unless properly managed, the discharge of salt or nitrogen as a result of water management activities in Beaumont MZ has the potential to contribute to the degradation of water quality and adversely affect beneficial uses. The technical report required by this Order is needed to determine the contribution of

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salt and nitrogen from water use and water resource management activities. The data and information will assist efforts to carry out implementation of the maximum benefit program, as set forth in the Basin Plan, in the Beaumont MZ.

#### **Evidence Supporting the Need for the Technical Reports**

Monitoring and modeling conducted to develop the maximum benefit programs demonstrated that water management activities (e.g., irrigation use and recharge of recycled water) discharge salt and nitrogen to the Beaumont MZ. The evidence demonstrating that water management activities are sources of salt and nitrogen discharges is contained in letter report from STWMA "Revised San Timoteo Watershed Management Authority proposal for new total dissolved solids (TDS) and total inorganic nitrogen (TIN) water quality objectives for the Beaumont, San Timoteo, and Yucaipa management zones based on maximum beneficial use", and Exhibit A - TDS Budget Table, June 2002, and a letter report from BCVWD "Estimated Recycled Water and Imported Water Needs to Support Groundwater Quality Evaluation", June 2010. Based on these analyses, the three agencies have discharged, or are planning discharges that do and could potentially contribute salt and nitrogen loads in Beaumont MZ.

#### **Burden and Cost of Technical Reports**

The estimated cost of a single joint analysis is \$36,000 (as reflected in the proposal to BCVWD and the City of Beaumont by WEI dated August 12, 2010). The three agencies can choose to share the cost of a single analysis and report, or prepare separate analyses and reports on their own. Logically, the cost of three separate analyses and reports will be higher. Since the analysis requires data and information from all three agencies, if the analysis is conducted separately for each agency, Regional Board staff estimates the total cost could potentially be \$36,000 per agency for a total of \$108,000.

Regardless of whether a single or combined analytical approach is selected, the costs of the technical reports required by this Order are justified. Without this information, we will not be able issue WDRs in a timely fashion. The preparation of the above report is also necessary to provide for continued implementation of the maximum benefit objectives for the Beaumont Management Zone.

#### **Penalties**

Though we are confident you will make every effort to comply with this Order in a timely manner, please be advised that pursuant to section 13268 of the California Water Code, failure to submit the required information by the specified compliance date, or falsifying any information provided therein, is a misdemeanor and may result in civil liability. Noncompliance may subject you to administrative civil liability in the amount of up to \$1,000 for each day of violation. Compliance with this Order is not a substitute for compliance with other applicable laws and does not preclude action to enforce compliance with such other laws.

#### **Appeal**

Any person affected by this action of the Regional Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with section 13320 of the California Water Code and Title 23, California Code of Regulations, section 2050. The petition must be received by the State Water Board within 30 days of the date of this Order. The State Board's website (<http://www.swrcb.ca.gov/wqpetitions/index.html>) contains detailed information regarding the petition process. Copies of the law and regulations applicable to filing petitions will be provided upon request. In addition to filing a petition with the State Water Board, any person affected



September 13, 2010  
WC Sec. 13267 Order re Beaumont MZ

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by this Order may request the Regional Water Board to reconsider this Order. To be timely, such a request must be received within 30 days of the date of this Order. Note that even if reconsideration by the Regional Water Board is sought, filing a timely petition with the State Water Board is also necessary to preserve the petitioner's legal rights. If you choose to request reconsideration of this Order or file a petition with the State Water Board, be advised that you must comply with the Order while your request for reconsideration and/or petition is being considered.

If you have any questions regarding the Order, or wish to schedule a meeting to discuss, please contact, Dr. Cindy Li, Engineering Geologist, at (951) 782-4906 or [cli@waterboards.ca.gov](mailto:cli@waterboards.ca.gov).

Sincerely,



Joanne E. Schneider  
Division Chief

cc: Regional Board  
David Rice, Office of Chief Counsel, SWRCB, [DavidRice@waterboards.ca.gov](mailto:DavidRice@waterboards.ca.gov)

Attachment: Exhibit A - Estimate of Recycled Water and Imported Water Needs in support of Groundwater Quality Evaluation for Cherry Valley Water District Recycled Water Permit

## **Proposed Regional Groundwater and Surface Water Monitoring Program for the Beaumont Management Zone, the San Timoteo Management Zone and the Yucaipa Management Zone**

The attached monitoring plan is currently being reviewed by the participating agencies. The document will be enhanced to include additional monitoring to demonstrate full compliance with the “maximum benefit” objectives based on the results of the meeting conducted on September 13, 2011.

**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

**Maximum Benefit Surface and Groundwater Monitoring Program  
for the Yucaipa, Beaumont and San Timoteo Management Zones**

On January 22, 2004, the Santa Ana Regional Water Quality Control Board amended the Basin Plan with regard to TDS/Nitrogen Management in the Santa Ana River Watershed. In the Basin Plan amendment the Regional Water Quality Control Board found that appropriate beneficial use protection/maximum benefit demonstrations were made by the Yucaipa Valley Water District and the San Timoteo Watershed Management Authority to justify establishing alternative "maximum benefit" objectives for the Beaumont, San Timoteo and Yucaipa Groundwater Management Zones.

As part of the maximum benefit commitments, the Yucaipa Valley Water District, the members of the San Timoteo Watershed Management Authority, and the City of Beaumont have agreed to administer extensive and ongoing surface and groundwater monitoring programs in the Beaumont, San Timoteo, and Yucaipa Management Zones. With the dissolution of the San Timoteo Watershed Management Authority, it has become necessary to fully reevaluate the groundwater and surface water monitoring program and directly assign monitoring responsibilities to the City of Banning, City of Beaumont, Beaumont Cherry Valley Water District, the San Geronio Pass Water Agency, and the Yucaipa Valley Water District.

The following monitoring program has been developed to provide a common sense approach to ongoing water resource monitoring currently performed by each agency.

**Beaumont, San Timoteo and Yucaipa Management Zone  
Surface Water Monitoring and Sampling Program**

Surface water in the Yucaipa Management Zone is monitored for ground water recharge. Recharge by Yucaipa Valley Water District consists of State Project Water disbursement into either the Wilson Creek or Oak Glen spreading basins. Total recharge is determined by the amount of Imported State Water purchased and water quality samples are collected monthly for the duration of the discharge. The parameters for water quality are listed in Table 2. Storm water is monitored in a similar manner.

Pre-established surface water monitoring sites in the Beaumont, Yucaipa and San Timoteo Watershed are monitored bi-weekly for total discharge and field measurements (Table 2) consisting of temperature, pH, electrical conductivity, and dissolved oxygen content. Water quality samples are collected and analyzed for total inorganic nitrogen using ammonia, nitrate and nitrite as the dominant nitrogen species. Samples are also analyzed for total dissolved solids and turbidity. Additional alterations to current sites are provided in footnotes to Table 1.

Surface water monitoring in the San Timoteo Management Zone is performed on a bi-weekly schedule. Discharge and field measurements are taken at each location and a water quality sample is collected for analysis of the parameters listed in Table 2.

**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

Table 1: Surface Water Monitoring Sites in Beaumont, San Timoteo, and Yucaipa Management Zones			
Site ID	Site Name	Discharge Description	Monitoring Agency
<b>San Timoteo Management Zone</b>			
YVWD-A	Above YVWD Recycled Water Discharge	San Timoteo Creek	YVWD
YVWD WWTP	YVWD Wastewater Treatment Facility	Recycled Water Effluent	YVWD
YVWD-B	Above confluence with Yucaipa Creek	San Timoteo Creek	YVWD
YVWD-C	Above levy system and concrete channel	San Timoteo Creek	YVWD
YVWD-D†	Concrete Channel at Barton Road	San Timoteo Creek	YVWD
YVWD-E	11055700 Gage	San Timoteo Creek	YVWD
YVWD-F	Santa Ana River above confluence	Santa Ana River	YVWD
YVWD-G	11059300 Gage, below confluence	Santa Ana River	YVWD
STWMA-2	San Timoteo Canyon Rd's 1 <sup>st</sup> crossing w/ San Timoteo Creek	San Timoteo Creek & Ground water	Beaumont
<b>Beaumont Management Zone</b>			
BWWTP	Beaumont Wastewater TP #1	Recycled Water Effluent	Beaumont
STWMA-1*	Confluence of Noble and Marshal creeks	San Timoteo Creek	BCVWD
STWMA-3	Coopers Creek below BWWTP outfall	Coopers Creek	Beaumont
STWMA-4*	Above confluence w/ Noble Creek	Little San Gorgonio Creek	BCVWD
STWMA-5*	Above confluence w/ Marshal Creek at BCVWD recharge site	Noble Creek	BCVWD
STWMA-6/8	At Devil's Canyon	State Project Water	SGPWA
BMZ-5	Un-named creek behind Lowe's Distribution Center w/ mountain front runoff into BCVWD recharge facility	Un-named creek/stormwater runoff	BCVWD
STWMA-7	Oak Glen Road above entrance to BCVWD recharge facility	Stormwater/recharge	Beaumont
BMZ-6	At SGPWA recharge facility for State Project Water on Noble Creek	Noble Creek	BCVWD
BMZ-1	At Brookside Ave.	Mountain View Channel	BCVWD
BMZ-2	Stormwater detention pond @ Highland Springs & Eighth St	Stormwater/recharge	Beaumont
BMZ-3	Stormwater detention pond on Eighth St E/o Cherry Ave	Stormwater/recharge	Beaumont
BMZ-4	Where Smith Creek crosses Wilson St.	Smith Creek	Banning
<b>Yucaipa Management Zone</b>			
YMZ-1	Wilson and/or Oak Glen spreading basins	State Project Water for Groundwater recharge	YVWD
YMZ-2	Wilson and/or Oak Glen spreading basins	Stormwater runoff for Groundwater recharge	YVWD

\*Previously monitored by City of Beaumont- BCVWD will assume responsibility pending approval by the Regional Board.

†Site has proven problematic for monitoring. Currently surface water entrance into concrete channel is covered with sediment. San Bernardino County Flood Control District estimates channel will be cleared by April 2012. Not recommending site for monitoring.

**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

Table 2: Surface Water Monitoring Program Parameters		
Field Measurements	Bi-weekly water quality samples	Groundwater recharge
Temperature	Total Dissolved Solids (TDS)	Total Dissolved Solids (TDS)
Conductivity	Turbidity	Nitrate-Nitrogen
pH	Ammonia-Nitrogen	
Dissolved Oxygen	Nitrate-Nitrogen	
	Nitrite-Nitrogen	
	Total Inorganic Nitrogen (TIN)	

In addition to these surface sites, results from YVWD's Wochholz Regional Water Recycling Facility (WRWRF) and the City of Beaumont's WWTP no. 1 final effluent monitoring for monthly NPDES reporting and daily discharge are reported (Table 3).

Table 3: Wochholz Regional Water Recycling Facility and Beaumont Wastewater Treatment Plant parameters reported for surface water monitoring program			
Monthly WWTP reporting		Quarterly WWTP reporting	
Ammonia-Nitrogen	Arsenic	Barium	Boron
Nitrate-Nitrogen	Cadmium	Calcium	Cobalt
Nitrite-Nitrogen	Copper	Carbonate	Bicarbonate
Total Inorganic Nitrogen (TIN)	Lead	Chloride	Fluoride
12-month Average TIN	Iron	Mercury	Magnesium
Total Dissolved Solids (TDS)	Nickel	Manganese	Selenium
12-month Average TDS	Sodium	Silver	Sulfate
Total Hardness	Aluminum	Total Chromium	
Free Cyanide	Total Organic Carbon, TOC		Zinc
Total Suspended Solids (TSS)	Benzene	Dibromochloromethane	
Bis(2-ethylhexyl)phthalate	Bromodichloromethane		Chloroform



**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

**Groundwater Monitoring and Sampling in the  
Beaumont, San Timoteo and Yucaipa Management Zones**

Ground water level measurements are taken monthly for all monitored wells in Beaumont, San Timoteo and Yucaipa Management Zones with one exception. It is not possible to measure ground water level at San Timoteo Management Zone GW-3, a privately owned well. Ground water levels are assumed to be similar to Yucaipa Valley Water District owned well, MW-3, located approximately 50 feet from GW-3. Yucaipa Valley Water District gathers data on ground water level and quality for those wells located within YMZ but not under its direct jurisdiction on an annual basis for inclusion in the annual RWQCB report.

**Table 4: Groundwater Monitoring Sites in the  
San Timoteo Management Zone**

Well ID	Description	Data type	Monitoring Agency
MW-1 (1221779)	San Timoteo Canyon Rd.	Level only	YVWD
MW-2 (1221780)	Alessandro St.	Level & Quality	YVWD
MW-3 (1221781)	Live Oak/San Timoteo Canyon	Level & Quality	YVWD
MW-4 (1221782)	above WWTP outfall pipe	Level & Quality	YVWD
MW-5A (1222103)	San Timoteo Canyon Rd.	Level & Quality	YVWD
MW-5B (1222104)	San Timoteo Canyon Rd.	Level & Quality	YVWD
MW-5C (1222105)	San Timoteo Canyon Rd.	Level & Quality	YVWD
GW-3 (1222106)	Live Oak/San Timoteo- Private well	Quality Only	YVWD
GL-8 (1201605)	San Timoteo Canyon Rd-orchard	Level only	YVWD
GL-6 (1003044)	O. Hudson property on Live Oak Canyon Rd	Level & Quality	YVWD
BH-9 (1220051)	1.25" pvc pipe-Live Oak Canyon	Level & Quality	YVWD
Heartland well (1208660)	Owned by City of Beaumont	Level & Quality	Beaumont
San Tim-1 (1222061)	Owned by City of Beaumont	Level & Quality	Beaumont
San Tim-2B/1 (1222079)	Owned by City of Beaumont	Level & Quality	Beaumont
San Tim-2B/2 (1222080)	Owned by City of Beaumont	Level & Quality	Beaumont
1207756	East Valley Golf Club: 335645117024201	Level only	Beaumont
Well 2 (1201582)	Fisherman's Retreat	Level & Quality	Beaumont
Well 1 (1003079)	Fisherman's Retreat	Quality Only	Beaumont
ONE (1003049)	El Casco Lake Ranch	Level & Quality	Beaumont
1003049 (1003048)	Chester Hildebrand property	Level only	Beaumont
BH-19 (1220052)	Metropolitan Water District well	Level & Quality	Beaumont
Well 1 (1201539)	MCM poultry	Level & Quality	Beaumont

**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

Table 5: Ground Water Monitoring Program Sites in the Yucaipa Management Zone			
Site ID	Monitoring Entity	Site ID	Monitoring Entity
Pendleton	YVWD	WHWC 02A	Western Heights WC
Wilson B	YVWD	WHWC 03	Western Heights WC
YVWD 02	YVWD	WHWC 06B	Western Heights WC
YVWD 05	YVWD	WHWC 09	Western Heights WC
YVWD 06	YVWD	WHWC 10	Western Heights WC
YVWD 07	YVWD	WHWC 11	Western Heights WC
YVWD 10	YVWD	WHWC 12	Western Heights WC
YVWD 12	YVWD	WHWC 14	Western Heights WC
YVWD 13	YVWD	5 <sup>th</sup> Ave 1	City of Redlands
YVWD 14	YVWD	CHICKNH4	City of Redlands
YVWD 16	YVWD	HOG CYN 2	City of Redlands
YVWD 18	YVWD	Redlands 10	City of Redlands
YVWD 24	YVWD	Redlands 11	City of Redlands
YVWD 25	YVWD	Redlands 12	City of Redlands
YVWD 26	YVWD	Redlands 13	City of Redlands
YVWD 27	YVWD	Redlands 14	City of Redlands
YVWD 27A	YVWD	Redlands 16	City of Redlands
YVWD 28	YVWD	Redlands 17	City of Redlands
YVWD 37	YVWD	Redlands 36	City of Redlands
YVWD 43	YVWD	Redland Hts	City of Redlands
YVWD 44	YVWD	Yucaipa Well	City of Redlands
YVWD 46	YVWD	Y-02	County of San Bernardino
YVWD 49	YVWD	Y-03	County of San Bernardino
YVWD 50	YVWD	Y-04	County of San Bernardino
YVWD 53	YVWD	Y-05	County of San Bernardino
YVWD 54	YVWD	Y-08	County of San Bernardino
YVWD 55	YVWD	Y-09A	County of San Bernardino
YVWD 56	YVWD	Y-09B	County of San Bernardino
GL-1	YVWD	Y-10A	County of San Bernardino
GL-2	YVWD	Y-10B	County of San Bernardino
GL-3	YVWD	Y-11A	County of San Bernardino
GL-4	YVWD	Y-11B	County of San Bernardino
GL-5	YVWD	Y-12	County of San Bernardino
		Y-13	County of San Bernardino
SMWC 01	South Mesa WC	Y-14	County of San Bernardino
SMWC 03	South Mesa WC	Y-15	County of San Bernardino
SMWC 05	South Mesa WC	Y-16	County of San Bernardino
SMWC 07	South Mesa WC	Y-17	County of San Bernardino
SMWC 09	South Mesa WC	Y-18	County of San Bernardino
SMWC 11	South Mesa WC	Y-19	County of San Bernardino
SMWC 12	South Mesa WC	Y-21	County of San Bernardino
SMWC 16	South Mesa WC	Y-22	County of San Bernardino

**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

<b>Table 6: Beaumont Management Zone Ground Water Monitoring Sites.</b>		
<b>Well ID</b>	<b>Description</b>	<b>Monitoring Entity</b>
1	Beaumont Basin Well	BCVWD
3	Beaumont Basin Well	BCVWD
16	Beaumont Basin Well	BCVWD
21	Beaumont Basin Well	BCVWD
22	Beaumont Basin Well	BCVWD
23	Beaumont Basin Well	BCVWD
24	Beaumont Basin Well	BCVWD
25	Beaumont Basin Well	BCVWD
26	Beaumont Basin Well	BCVWD
29	Beaumont Basin Well	BCVWD
4A	Edgar Canyon Well	BCVWD
5	Edgar Canyon Well	BCVWD
6	Edgar Canyon Well	BCVWD
12	Edgar Canyon Well	BCVWD
19	Edgar Canyon Well	BCVWD
MW-1	BMZ Monitoring Well	BCVWD
MW-2	BMZ Monitoring Well	BCVWD
MW-3 Deep	BMZ Monitoring Well	BCVWD
MW-3 Shallow	BMZ Monitoring Well	BCVWD
MW-4 Deep	BMZ Monitoring Well	BCVWD
MW-4 Shallow	BMZ Monitoring Well	BCVWD
MW-5 Deep	BMZ Monitoring Well	BCVWD
MW-5 Shallow	BMZ Monitoring Well	BCVWD
Well 48	YVWD Production Well	YVWD
C2A	City of Banning Source Well	City of Banning
C3	City of Banning Source Well	City of Banning
M3	City of Banning Source Well	City of Banning

Ground water quality (Table 7) is measured annually in San Timoteo Management Zone and according to Title 22 of the California Code of Regulations cycle sampling schedule for production wells in the Yucaipa Management Zone.

Wells are sampled annually until 3 consecutive years of qualifying data are gathered. At which point water quality samples need only be collected on a triennial basis for participation in the recalculation of ambient ground water quality stipulated by the Santa Ana River Basin Plan (2004).

Recharge to Yucaipa Management Zone is either storm water or State Project water and is monitored for total recharge (volume), nitrate and total dissolved solids.



**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**

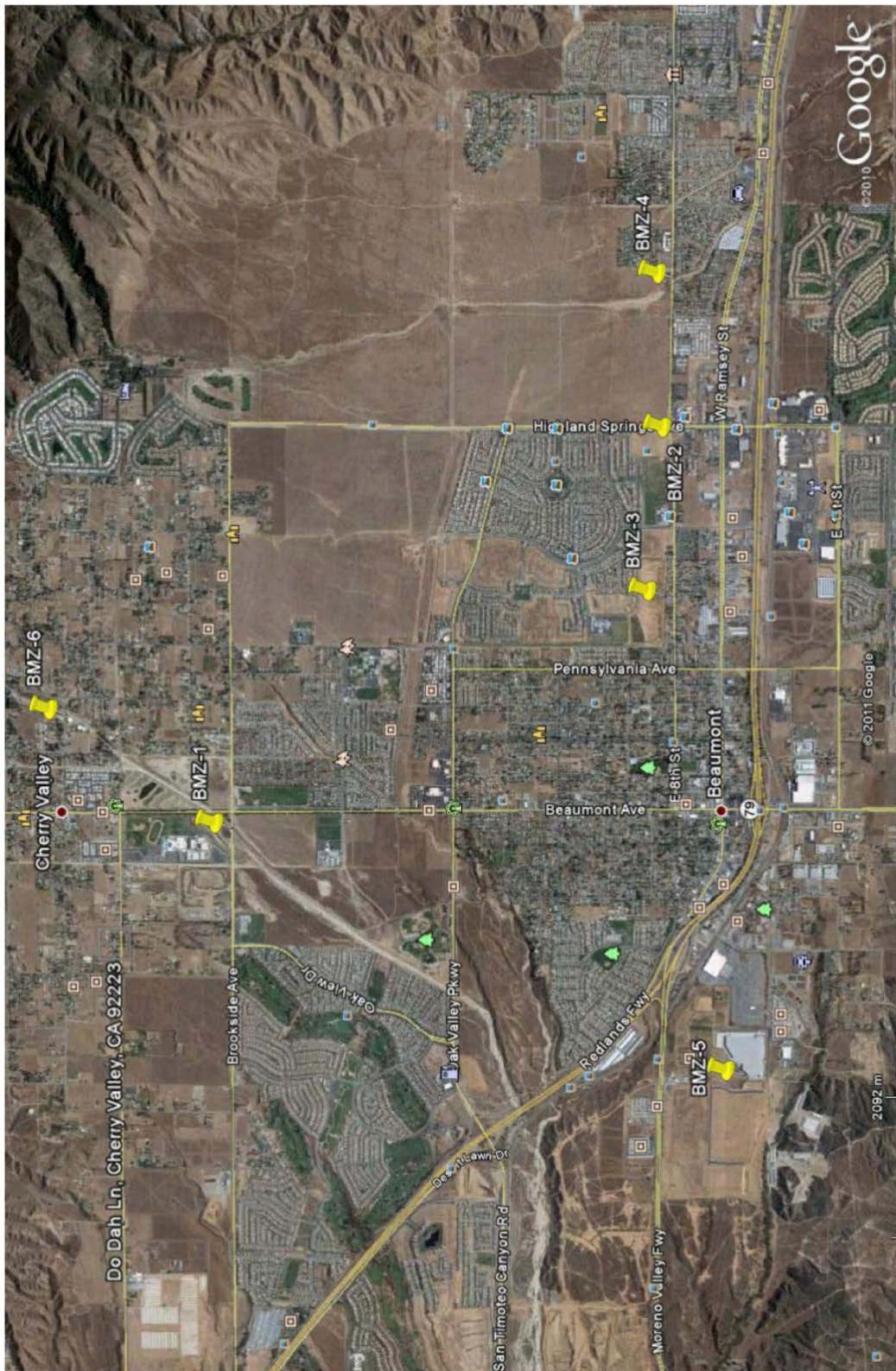
Table 7: Ground Water Monitoring Parameters in Beaumont, San Timoteo and Yucaipa Management Zones		
Field Measurements	Water Quality Parameters	
Temperature	Total Dissolved Solids (TDS)	Chloride
Conductivity	Nitrate-Nitrogen or Nitrate as nitrate	Fluoride
pH	Total Alkalinity (as CaCO <sub>3</sub> )	Potassium
	Carbonate and Bicarbonate	Sodium
	Silica (as SiO <sub>3</sub> )	Sulfate
	Total Hardness (includes Ca and Mg)	

**Reporting Requirements**

A summary of surface water monitoring activities within the San Timoteo Management Zone is provided to the Santa Ana Regional Water Quality Control Board quarterly. Ground water levels are measured on a monthly basis and reported annually along with ground water quality results.

A complete report of all San Timoteo and Yucaipa Management Zones is combined with the City of Beaumont's similar compilation of their efforts within the Beaumont Management Zone and STMZ; the results are interpreted and presented to RWQCB annually on or before April 15 of each year.

**DRAFT MONITORING PROGRAM - SUBJECT TO MODIFICATION**



## **Maximum Benefit Surface and Groundwater Monitoring Program for the Yucaipa, Beaumont and San Timoteo Management Zones**

On January 22, 2004, the Santa Ana Regional Water Quality Control Board amended the Basin Plan with regard to TDS/Nitrogen Management in the Santa Ana River Watershed. In the Basin Plan amendment the Regional Water Quality Control Board found that appropriate beneficial use protection/maximum benefit demonstrations were made by the Yucaipa Valley Water District and the San Timoteo Watershed Management Authority to justify establishing alternative "maximum benefit" objectives for the Beaumont, San Timoteo and Yucaipa Groundwater Management Zones.

As part of the maximum benefit commitments, the Yucaipa Valley Water District, the members of the San Timoteo Watershed Management Authority, and the City of Beaumont have agreed to administer extensive and ongoing surface and groundwater monitoring programs in the Beaumont, San Timoteo, and Yucaipa Management Zones. With the dissolution of the San Timoteo Watershed Management Authority, it has become necessary to fully reevaluate the groundwater and surface water monitoring program and directly assign monitoring responsibilities to the City of Banning, City of Beaumont, Beaumont Cherry Valley Water District, the San Gorgonio Pass Water Agency, and the Yucaipa Valley Water District.

The following monitoring program has been developed to provide a common sense approach to ongoing water resource monitoring currently performed by each agency.

### **Beaumont, San Timoteo and Yucaipa Management Zone Surface Water Monitoring and Sampling Program**

Surface water in the Yucaipa Management Zone is monitored for ground water recharge. Recharge by Yucaipa Valley Water District consists of State Project Water disbursement into either the Wilson Creek or Oak Glen spreading basins. Total recharge is determined by the amount of Imported State Water purchased and water quality samples are collected monthly for the duration of the discharge. The parameters for water quality are listed in Table 2. Storm water is monitored in a similar manner.

Pre-established surface water monitoring sites in the Beaumont, Yucaipa and San Timoteo Watershed are monitored bi-weekly for total discharge and field measurements (Table 2) consisting of temperature, pH, electrical conductivity, and dissolved oxygen content. Water quality samples are collected and analyzed for total inorganic nitrogen using ammonia, nitrate and nitrite as the dominant nitrogen species. Samples are also analyzed for total dissolved solids and turbidity. Additional alterations to current sites are provided in footnotes to Table 1.

Surface water monitoring in the San Timoteo Management Zone is performed on a bi-weekly schedule. Discharge and field measurements are taken at each location and a water quality sample is collected for analysis of the parameters listed in Table 2.



<b>Table 1: Surface Water Monitoring Sites in Beaumont, San Timoteo, and Yucaipa Management Zones</b>			
<b>Site ID</b>	<b>Site Name</b>	<b>Discharge Description</b>	<b>Monitoring Agency</b>
<b>San Timoteo Management Zone</b>			
YVWD-A	Above YVWD Recycled Water Discharge	San Timoteo Creek	YVWD
YVWD WWTP	YVWD Wastewater Treatment Facility	Recycled Water Effluent	YVWD
YVWD-B	Above confluence with Yucaipa Creek	San Timoteo Creek	YVWD
YVWD-C	Above levy system and concrete channel	San Timoteo Creek	YVWD
YVWD-D†	Concrete Channel at Barton Road	San Timoteo Creek	YVWD
YVWD-E	11055700 Gage	San Timoteo Creek	YVWD
YVWD-F	Santa Ana River above confluence	Santa Ana River	YVWD
YVWD-G	11059300 Gage, below confluence	Santa Ana River	YVWD
STWMA-2	San Timoteo Canyon Rd's 1 <sup>st</sup> crossing w/ San Timoteo Creek	San Timoteo Creek & Ground water	Beaumont
<b>Beaumont Management Zone</b>			
BWWTP	Beaumont Wastewater TP #1	Recycled Water Effluent	Beaumont
STWMA-1*	Confluence of Noble and Marshal creeks	San Timoteo Creek	BCVWD
STWMA-3	Coopers Creek below BWWTP outfall	Coopers Creek	Beaumont
STWMA-4*	Above confluence w/ Noble Creek	Little San Gorgonio Creek	BCVWD
STWMA-5*	Above confluence w/ Marshal Creek at BCVWD recharge site	Noble Creek	BCVWD
STWMA-6/8	At Devil's Canyon	State Project Water	SGPWA
BMZ-5	Un-named creek behind Lowe's Distribution Center w/ mountain front runoff into BCVWD recharge facility	Un-named creek/stormwater runoff	BCVWD
STWMA-7	Oak Glen Road above entrance to BCVWD recharge facility	Stormwater/recharge	Beaumont
BMZ-6	At SGPWA recharge facility for State Project Water on Noble Creek	Noble Creek	BCVWD
BMZ-1	At Brookside Ave.	Mountain View Channel	BCVWD
BMZ-2	Stormwater detention pond @ Highland Springs & Eighth St	Stormwater/recharge	Beaumont
BMZ-3	Stormwater detention pond on Eighth St E/o Cherry Ave	Stormwater/recharge	Beaumont
BMZ-4	Where Smith Creek crosses Wilson St.	Smith Creek	Banning
<b>Yucaipa Management Zone</b>			
YMZ-1	Wilson and/or Oak Glen spreading basins	State Project Water for Groundwater recharge	YVWD
YMZ-2	Wilson and/or Oak Glen spreading basins	Stormwater runoff for Groundwater recharge	YVWD

\*Previously monitored by City of Beaumont- BCVWD will assume responsibility pending approval by the Regional Board.

†Site has proven problematic for monitoring. Currently surface water entrance into concrete channel is covered with sediment. San Bernardino County Flood Control District estimates channel will be cleared by April 2012. Not recommending site for monitoring.

<b>Table 2: Surface Water Monitoring Program Parameters</b>		
Field Measurements	Bi-weekly water quality samples	Groundwater recharge
Temperature	Total Dissolved Solids (TDS)	Total Dissolved Solids (TDS)
Conductivity	Turbidity	Nitrate-Nitrogen
pH	Ammonia-Nitrogen	
Dissolved Oxygen	Nitrate-Nitrogen	
	Nitrite-Nitrogen	
	Total Inorganic Nitrogen (TIN)	

In addition to these surface sites, results from YVWD's Wochholz Regional Water Recycling Facility (WRWRF) and the City of Beaumont's WWTP no. 1 final effluent monitoring for monthly NPDES reporting and daily discharge are reported (Table 3).

<b>Table 3: Wochholz Regional Water Recycling Facility and Beaumont Wastewater Treatment Plant parameters reported for surface water monitoring program</b>			
Monthly WWTP reporting		Quarterly WWTP reporting	
Ammonia-Nitrogen	Arsenic	Barium	Boron
Nitrate-Nitrogen	Cadmium	Calcium	Cobalt
Nitrite-Nitrogen	Copper	Carbonate	Bicarbonate
Total Inorganic Nitrogen (TIN)	Lead	Chloride	Fluoride
12-month Average TIN	Iron	Mercury	Magnesium
Total Dissolved Solids (TDS)	Nickel	Manganese	Selenium
12-month Average TDS	Sodium	Silver	Sulfate
Total Hardness	Aluminum	Total Chromium	
Free Cyanide	Total Organic Carbon, TOC		Zinc
Total Suspended Solids (TSS)	Benzene	Dibromochloromethane	
Bis(2-ethylhexyl)phthalate	Bromodichloromethane		Chloroform

### Groundwater Monitoring and Sampling in the Beaumont, San Timoteo and Yucaipa Management Zones

Ground water level measurements are taken monthly for all monitored wells in Beaumont, San Timoteo and Yucaipa Management Zones with one exception. It is not possible to measure ground water level at San Timoteo Management Zone GW-3, a privately owned well. Ground water levels are assumed to be similar to Yucaipa Valley Water District owned well, MW-3, located approximately 50 feet from GW-3. Yucaipa Valley Water District gathers data on ground water level and quality for those wells located within YMZ but not under its direct jurisdiction on an annual basis for inclusion in the annual RWQCB report.

**Table 4: Groundwater Monitoring Sites in the  
San Timoteo Management Zone**

Well ID	Description	Data type	Monitoring Agency
MW-1 (1221779)	San Timoteo Canyon Rd.	Level only	YVWD
MW-2 (1221780)	Alessandro St.	Level & Quality	YVWD
MW-3 (1221781)	Live Oak/San Timoteo Canyon	Level & Quality	YVWD
MW-4 (1221782)	above WWTP outfall pipe	Level & Quality	YVWD
MW-5A (1222103)	San Timoteo Canyon Rd.	Level & Quality	YVWD
MW-5B (1222104)	San Timoteo Canyon Rd.	Level & Quality	YVWD
MW-5C (1222105)	San Timoteo Canyon Rd.	Level & Quality	YVWD
GW-3 (1222106)	Live Oak/San Timoteo- Private well	Quality Only	YVWD
GL-8 (1201605)	San Timoteo Canyon Rd-orchard	Level only	YVWD
GL-6 (1003044)	O. Hudson property on Live Oak Canyon Rd	Level & Quality	YVWD
BH-9 (1220051)	1.25" pvc pipe-Live Oak Canyon	Level & Quality	YVWD
Heartland well (1208660)	Owned by City of Beaumont	Level & Quality	Beaumont
San Tim-1 (1222061)	Owned by City of Beaumont	Level & Quality	Beaumont
San Tim-2B/1 (1222079)	Owned by City of Beaumont	Level & Quality	Beaumont
San Tim-2B/2 (1222080)	Owned by City of Beaumont	Level & Quality	Beaumont
1207756	East Valley Golf Club: 335645117024201	Level only	Beaumont
Well 2 (1201582)	Fisherman's Retreat	Level & Quality	Beaumont
Well 1 (1003079)	Fisherman's Retreat	Quality Only	Beaumont
ONE (1003049)	El Casco Lake Ranch	Level & Quality	Beaumont
1003049 (1003048)	Chester Hildebrand property	Level only	Beaumont
BH-19 (1220052)	Metropolitan Water District well	Level & Quality	Beaumont
Well 1 (1201539)	MCM poultry	Level & Quality	Beaumont

Table 5: Ground Water Monitoring Program Sites in the Yucaipa Management Zone			
Site ID	Monitoring Entity	Site ID	Monitoring Entity
Pendleton	YVWD	WHWC 02A	Western Heights WC
Wilson B	YVWD	WHWC 03	Western Heights WC
YVWD 02	YVWD	WHWC 06B	Western Heights WC
YVWD 05	YVWD	WHWC 09	Western Heights WC
YVWD 06	YVWD	WHWC 10	Western Heights WC
YVWD 07	YVWD	WHWC 11	Western Heights WC
YVWD 10	YVWD	WHWC 12	Western Heights WC
YVWD 12	YVWD	WHWC 14	Western Heights WC
YVWD 13	YVWD	5 <sup>th</sup> Ave 1	City of Redlands
YVWD 14	YVWD	CHICKNH4	City of Redlands
YVWD 16	YVWD	HOG CYN 2	City of Redlands
YVWD 18	YVWD	Redlands 10	City of Redlands
YVWD 24	YVWD	Redlands 11	City of Redlands
YVWD 25	YVWD	Redlands 12	City of Redlands
YVWD 26	YVWD	Redlands 13	City of Redlands
YVWD 27	YVWD	Redlands 14	City of Redlands
YVWD 27A	YVWD	Redlands 16	City of Redlands
YVWD 28	YVWD	Redlands 17	City of Redlands
YVWD 37	YVWD	Redlands 36	City of Redlands
YVWD 43	YVWD	Redland Hts	City of Redlands
YVWD 44	YVWD	Yucaipa Well	City of Redlands
YVWD 46	YVWD	Y-02	County of San Bernardino
YVWD 49	YVWD	Y-03	County of San Bernardino
YVWD 50	YVWD	Y-04	County of San Bernardino
YVWD 53	YVWD	Y-05	County of San Bernardino
YVWD 54	YVWD	Y-08	County of San Bernardino
YVWD 55	YVWD	Y-09A	County of San Bernardino
YVWD 56	YVWD	Y-09B	County of San Bernardino
GL-1	YVWD	Y-10A	County of San Bernardino
GL-2	YVWD	Y-10B	County of San Bernardino
GL-3	YVWD	Y-11A	County of San Bernardino
GL-4	YVWD	Y-11B	County of San Bernardino
GL-5	YVWD	Y-12	County of San Bernardino
		Y-13	County of San Bernardino
SMWC 01	South Mesa WC	Y-14	County of San Bernardino
SMWC 03	South Mesa WC	Y-15	County of San Bernardino
SMWC 05	South Mesa WC	Y-16	County of San Bernardino
SMWC 07	South Mesa WC	Y-17	County of San Bernardino
SMWC 09	South Mesa WC	Y-18	County of San Bernardino
SMWC 11	South Mesa WC	Y-19	County of San Bernardino
SMWC 12	South Mesa WC	Y-21	County of San Bernardino
SMWC 16	South Mesa WC	Y-22	County of San Bernardino

<b>Table 6: Beaumont Management Zone Ground Water Monitoring Sites.</b>		
<b>Well ID</b>	<b>Description</b>	<b>Monitoring Entity</b>
1	Beaumont Basin Well	BCVWD
3	Beaumont Basin Well	BCVWD
16	Beaumont Basin Well	BCVWD
21	Beaumont Basin Well	BCVWD
22	Beaumont Basin Well	BCVWD
23	Beaumont Basin Well	BCVWD
24	Beaumont Basin Well	BCVWD
25	Beaumont Basin Well	BCVWD
26	Beaumont Basin Well	BCVWD
29	Beaumont Basin Well	BCVWD
4A	Edgar Canyon Well	BCVWD
5	Edgar Canyon Well	BCVWD
6	Edgar Canyon Well	BCVWD
12	Edgar Canyon Well	BCVWD
19	Edgar Canyon Well	BCVWD
MW-1	BMZ Monitoring Well	BCVWD
MW-2	BMZ Monitoring Well	BCVWD
MW-3 Deep	BMZ Monitoring Well	BCVWD
MW-3 Shallow	BMZ Monitoring Well	BCVWD
MW-4 Deep	BMZ Monitoring Well	BCVWD
MW-4 Shallow	BMZ Monitoring Well	BCVWD
MW-5 Deep	BMZ Monitoring Well	BCVWD
MW-5 Shallow	BMZ Monitoring Well	BCVWD
Well 48	YVWD Production Well	YVWD
C2A	City of Banning Source Well	City of Banning
C3	City of Banning Source Well	City of Banning
M3	City of Banning Source Well	City of Banning

Ground water quality (Table 7) is measured annually in San Timoteo Management Zone and according to Title 22 of the California Code of Regulations cycle sampling schedule for production wells in the Yucaipa Management Zone.

Wells are sampled annually until 3 consecutive years of qualifying data are gathered. At which point water quality samples need only be collected on a triennial basis for participation in the recalculation of ambient ground water quality stipulated by the Santa Ana River Basin Plan (2004).

Recharge to Yucaipa Management Zone is either storm water or State Project water and is monitored for total recharge (volume), nitrate and total dissolved solids.

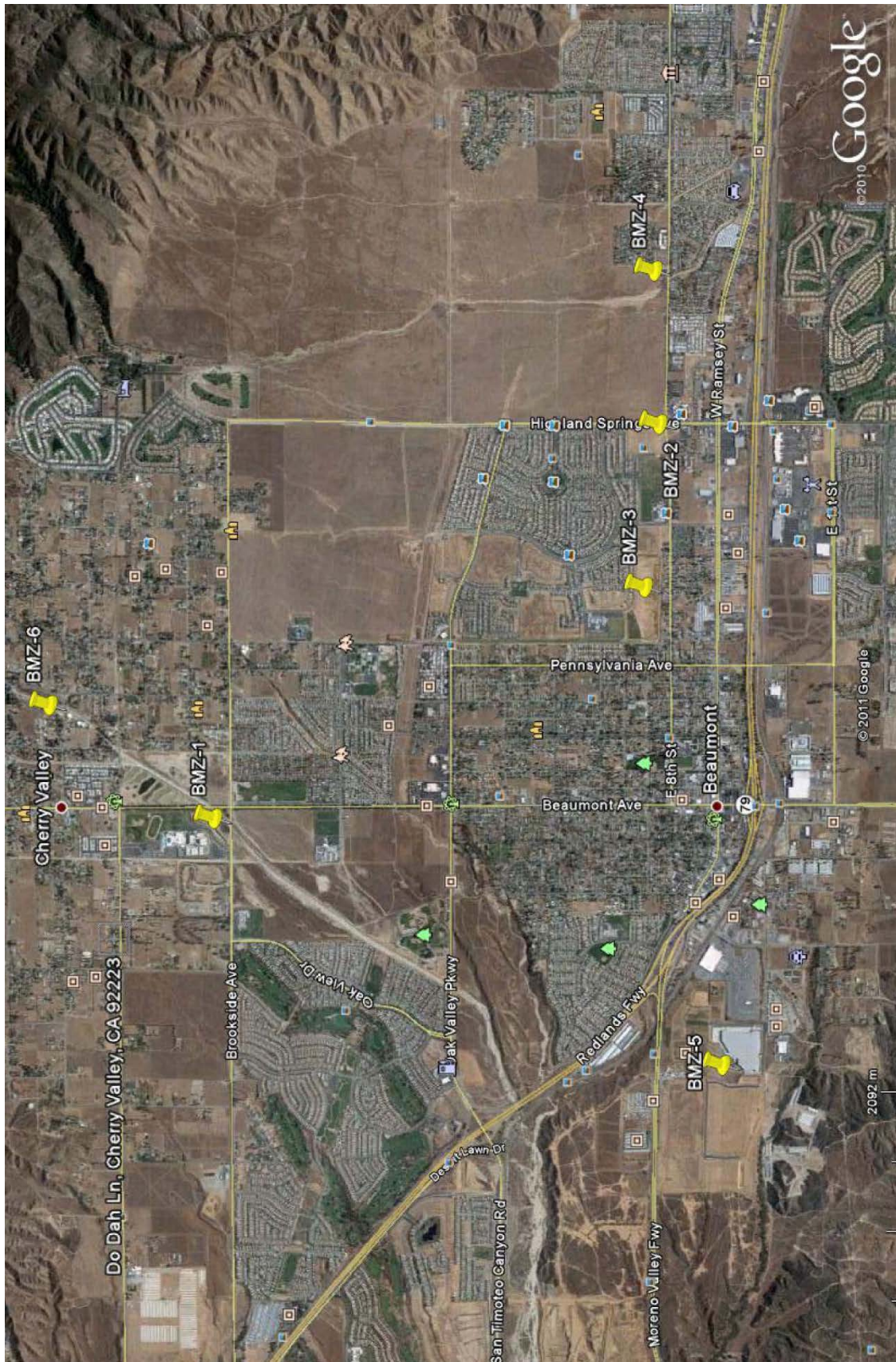


<b>Table 7: Ground Water Monitoring Parameters in Beaumont, San Timoteo and Yucaipa Management Zones</b>		
Field Measurements	Water Quality Parameters	
Temperature	Total Dissolved Solids (TDS)	Chloride
Conductivity	Nitrate-Nitrogen or Nitrate as nitrate	Fluoride
pH	Total Alkalinity (as CaCO <sub>3</sub> )	Potassium
	Carbonate and Bicarbonate	Sodium
	Silica (as SiO <sub>3</sub> )	Sulfate
	Total Hardness (includes Ca and Mg)	

### **Reporting Requirements**

A summary of surface water monitoring activities within the San Timoteo Management Zone is provided to the Santa Ana Regional Water Quality Control Board quarterly. Ground water levels are measured on a monthly basis and reported annually along with ground water quality results.

A complete report of all San Timoteo and Yucaipa Management Zones is combined with the City of Beaumont's similar compilation of their efforts within the Beaumont Management Zone and STMZ; the results are interpreted and presented to RWQCB annually on or before April 15 of each year.



Correspondence Regarding the Maximum Benefit Commitments:

- January 23, 2012 RWQCB Letter
- November 23, 2011 City of Beaumont Letter
- October 12, 2011 City of Beaumont Letter



# California Regional Water Quality Control Board

## Santa Ana Region



Matthew Rodriguez  
Secretary for  
Environmental Protection

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Edmund G. Brown Jr.  
Governor

January 23, 2012

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City of Beaumont  
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### COMMENTS ON THE PROPOSALS TO IMPLEMENT MAXIMUM BENEFIT COMMITMENTS FOR THE BEAUMONT GROUNDWATER MANAGEMENT ZONE

Gentlemen:

We have reviewed the *Proposed Regional Implementation of Maximum Benefit Commitments for the Beaumont Management Zone (Preliminary Draft)* submitted by the City of Banning, Beaumont Cherry Valley Water District, San Geronio Pass Water Agency and Yucaipa Valley Water District (hereinafter, the YVWD *et al* proposal) dated September 20, 2011, and the City of Beaumont's comment letter and proposal for a maximum benefit program (hereinafter, the Beaumont proposal) dated November 23, 2011. Both the YVWD *et al* and Beaumont proposals were prepared as a final element in compliance with the California Water Code Section 13267 Order issued in September 2010, to support permit application and revision for new discharge and recharge

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projects in the Beaumont groundwater management zone (GMZ), and to address changes in stakeholder responsibilities for carrying out the maximum benefit commitments that were identified in the 2004 Basin Plan Amendment. Both the YVWD *et al* and Beaumont proposals were submitted after the completion of a modeling analysis conducted by Wildermuth Environmental Inc. on behalf of all the agencies named in this letter (May 2011). The model considered the new water planning data provided by the agencies to generate 30-year projections of the ambient total dissolved solids (TDS) and nitrate-nitrogen concentrations for the Beaumont GMZ under 6 scenarios and 8 sub-scenarios. The projections show that the ambient TDS concentration for the Beaumont GMZ will increase over time, with the worst-case scenario (when all agencies use recycled water without compliance with Basin Plan objectives or compliance with the recycled water recharge regulations by the California Department of Public Health) resulting in the TDS concentration exceeding the maximum benefit objective of 330 mg/L in approximately 2027. Under the best case scenario, *i.e.*, when recycled water is desalted to the maximum benefit TDS objective of 330 mg/L beginning in 2020, the ambient TDS concentration of the Beaumont GMZ is projected to exceed the objective in 2032.

We have the following comments on the submitted proposals:

#### **The YVWD *et al* Proposal**

The YVWD *et al* proposal consists of a regional approach with multi-agency participation. Specifically, the proposal recommends that the 10-year running average TDS quality of recycled water, used for irrigation, surface discharge or recharge (planned or incidental), be better than or at the maximum benefit objectives of the particular GMZ where the recycled water is used or applied, *i.e.*,

- 370 mg/L for Yucaipa GMZ,
- 400 mg/L for San Timoteo GMZ,
- 330 mg/L for Beaumont GMZ.

This proposal relies on the fact that the reverse osmosis system at the Wochholz Regional Water Recycling Facility will be operational in **January 2014**. Compliance would be measured in the recycled water system for irrigation use and/or at the point of discharge for discharge and recharge activities. The proposal proponents expect to achieve compliance by blending or desalting the recycled water supply.

All agencies that have signed onto the YVWD *et al* proposal (City of Banning, Beaumont Cherry Valley Water District, San Geronio Pass Water Agency and Yucaipa Valley Water District) have agreed to continue implementing the commitments made by the now dissolved San Timoteo Watershed Management Authority in order to maintain the maximum benefit objectives in the Beaumont GMZ. The commitments include surface and groundwater monitoring and reporting, building a desalter and brine line facility, providing recycled water for non-potable water supply, recharging recycled water and determining ambient groundwater quality. These commitments are the same as those

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specified in the Basin Plan Table 5-10a; however, the YVWD *et al* proposal does not address the commitments specific to the City of Beaumont's recycled water as specified in Table 5-10a.

We believe the YVWD *et al* proposal is viable and provides reasonable assurance for protection of the water quality and beneficial uses of the Beaumont GMZ for a reasonable time period (*e.g.*, 20 years). We encourage all agencies that have signed on to this proposal to formalize the agreement and to submit a signed agreement to the Regional Board by June 30, 2012, demonstrating how these agencies intend to share the responsibility and financial burden to implement these commitments.

### **The Beaumont Proposal**

As indicated in the Beaumont proposal, the City of Beaumont has complied with some of the maximum benefit commitments, such as surface and groundwater monitoring and reporting, ambient groundwater quality determination, denitrification facilities upgrade, and reducing the discharge of effluent to the unlined portion of San Timoteo Creek. However, the City of Beaumont has not made progress toward compliance with other commitments, such as providing water for non-potable water supply, increasing recycled water recharge and planning for recycled water quality improvement, nor does the Beaumont proposal include these commitments. The Beaumont proposal also includes a plan by the City to address the discharge of recycled water in San Timoteo Creek that impacts the underlying San Timoteo GMZ (which has no assimilative capacity) by pumping water from San Timoteo GMZ and discharging/recharging that water into the Beaumont GMZ without obtaining authorization from the Regional Board and the California Department of Public Health. The pumped water would have a TDS concentration that exceeds the maximum benefit objective of the Beaumont GMZ and the proposal thus relies on Beaumont's use of assimilative capacity in this GMZ based, evidently, on its implementation of maximum benefit commitments to date. However, the Regional Board has not made a decision regarding allocation of the available assimilative capacity in the Beaumont GMZ to this operation, and, as discussed below, Regional Board staff will not recommend it.

Significant opportunities have been provided over the past year for meaningful participation by the City in modeling work and discussions with the other parties regarding the development of a new maximum benefit program for the Beaumont GMZ. Board staff believes that the City has failed to avail itself of these opportunities. For example, the City did not provide meaningful comments on the modeling effort until the model report was finalized. Further, the City's representatives were not authorized to make decisions necessary to forward progress and resolution of this matter. The Beaumont proposal seems mainly to benefit the City of Beaumont, *i.e.*, to accommodate its discharge of effluent from the wastewater treatment plant, without other affirmative actions needed to address GMZ/water supply quality and reliability in the San Geronio Pass region. These actions include providing a source of non-potable supply and enhancing stormwater capture, neither of which is incorporated in the Beaumont proposal. (We realize that the proposal incorporates a plan for recycled water use that

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relies on past agreements with other parties. However, we understand that the other parties contend that the terms of these agreements have not been satisfied.) On behalf of the City, Mark Wildermuth indicated at one of the multi-agency meetings that the City's discharge of water pumped from the San Timoteo GMZ into the Beaumont GMZ would reduce the City's obligation to import State Water Project water to address over-pumping in the Beaumont GMZ, and that this should be considered to provide maximum benefit to the people of the state. Once again, however, this proposal relies on the use of assimilative capacity which has not been allocated to the City. Furthermore, it ignores the model projections that show that even with recycled water at maximum benefit objective quality, the TDS quality of the GMZ is expected to exceed the objectives. In light of this evidence, we believe that the YVWD *et al* proposal, which employs desalting and blending, is a more prudent approach to the long-term protection of groundwater quality and supply reliability. In contrast, the City's proposal merely authorizes continued wastewater disposal and reduces the City's obligations related to over-pumping, but postpones any meaningful action to improve quality and reliability.

Regional Board staff believes that the Beaumont proposal does not satisfy the goals of a maximum benefit program and, absent substantive improvement, will recommend that the antidegradation objectives be applied to regulation of the City's discharges. In light of the City's participation in implementing some of the maximum benefit commitments to date, Board staff will not recommend that the City be required to mitigate past discharges in excess of limitations based on the antidegradation objectives. We strongly encourage the City of Beaumont to join with the other water resource management agencies to implement a truly regional water and salt management plan that recognizes recent water supply planning activities.

#### **Comments on the Wasteload Allocation in the Beaumont GMZ**

Table 5-5 of the Basin Plan specifies the TDS and nitrate-nitrogen wasteload allocation for all POTWs that discharge to the Santa Ana River and its tributaries in order to assure the protection of the municipal supply beneficial use for the Santa Ana River and underlying GMZs and to assure that the water quality objectives for these receiving waterbodies are met. Currently, the City of Beaumont is authorized to discharge to surface waters (Noble Creek (Discharge Point #008), unnamed tributary to Marsh Creek (Discharge Point #007) and Cooper's Creek (Discharge Point #001)) with effluent limits equal to the wasteload allocation (Orders No. R8-2009-0002 and No. R8-2006-0003). Cooper's Creek flows into San Timoteo Creek while the other tributaries are dry, and during most of the year, the effluent flows never reach San Timoteo Creek or leave the Beaumont GMZ. Instead, the recycled water discharged at Discharge Points #007 and #008 recharges the Beaumont GMZ and rarely reaches San Timoteo Creek or the Santa Ana River. Therefore, the available evidence indicates that for the discharges from the City of Beaumont, the TDS and TIN limits associated with the wasteload allocation should not apply, and the effluent limits for Discharge Points #007 and #008 should be revised to be the same as the TDS objective of the Beaumont GMZ. As noted above, because the City of Beaumont has not proposed an acceptable maximum benefit program nor chosen to be an active participant in the YVWD *et al* proposal,

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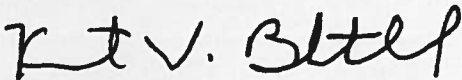


Board staff will recommend to the Regional Board that the City's discharges be regulated pursuant to antidegradation objectives. Further, Regional Board staff is in the process of finalizing the wasteload allocation Basin Plan Amendment. Board staff proposes that Beaumont (as well as YVWD) be removed from the wasteload allocation and that instead, compliance and permit limits be based strictly on the underlying groundwater objectives and assimilative capacity findings.

To summarize, Board staff intends to prepare a Basin Plan amendment to implement the findings of the modeling studies and updated Maximum Benefit proposal as submitted by YVWD and cooperating agencies (the YVWD *et al* proposal). Revised waste discharge requirements for YVWD and the City of Banning will be developed that are consistent with the proposal. The recommended, revised wasteload allocation will also be updated to reflect these findings. Unless and until the City of Beaumont elects to implement or participate in an acceptable maximum benefit program, the proposed Basin Plan amendment will reflect the City's discharge obligations pursuant to antidegradation objectives, and Board staff will recommend waste discharge requirements for the City accordingly.

If you have questions on these comments, please feel free to contact me at (951)782-3286 or you may contact Dr. Cindy Li of my staff at (951) 782-4906.

Sincerely,



Kurt V. Berchtold  
Executive Officer

cc: Regional Board  
David Rice, Office of Chief Counsel, SWRCB





# City of Beaumont

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November 23, 2011

Kurt Berchtold, Executive Officer  
Santa Ana Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501-3339

Subject: City of Beaumont Comments on the Proposal to Extend the Maximum Benefit Commitments in the Beaumont Management Zone

Dear Mr. Berchtold,

Thank you very much for the opportunity for us to provide comments on the proposal ( hereafter the Zoba proposal) recently made to extend maximum benefit commitments and allow the City of Banning and the Yucaipa Valley Water District (YVWD) to use recycled water in the Beaumont Management Zone (BMZ). Key elements of the proposal and our comments relative to the process are summarized below.

- 1) The City of Beaumont is currently complying with maximum benefit commitments made by the City and the San Timoteo Watershed Management Authority (STWMA) as set forth in the Basin Plan; however, the Basin Plan should be amended to identify the City of Beaumont and the Beaumont-Cherry Valley Water District (BCVWD) as being jointly and mutually responsible for implementation of existing maximum benefit obligations. This amendment would be consistent with the 1993 Cooperative Agreement between the City and the BCVWD to implement water recycling in the BMZ and the joint and mutual commitments made by the City and the BCVWD as member agencies of STWMA.
- 2) An amendment to the Basin Plan and additional maximum benefit commitments should be approved as needed to allow the City of Banning and the YVWD to use recycled water in the BMZ provided the requirements and commitments are consistent with those being implemented by the City of Beaumont and BCVWD. The issuance of any recycling permit for the YVWD and the City of Banning should be made contingent upon the joint and mutual agreement of the City of Beaumont and BCVWD to mitigate impacts related to the return flows of recycled water to the BMZ.
- 3) The current salt loading projections are based upon aggregate annual estimates of demand for recycled water. These estimates do not take into account significant fluctuations in monthly demand where irrigation demand is very low in the winter and very high in the summer.

- 4) The current Basin Plan includes importation of 10,000 af/yr of high quality water which is consistent with the quality of State Water Project (SWP) water being imported into the basin. This is roughly equivalent to the 11,000 af/yr the San Geronio Pass Water Agency considers as its reliable supply based on the 17,300 af/yr Table A water. In accordance with the 1993 Cooperative Agreement between the City and the BCVWD, the latter is required to purchase and/or develop new source water in addition to the 11,000 af/yr of SWP water and help cover the costs for Beaumont to desalinate and dispose of brine by using the proceeds from the sale of recycled water to make improvements at the Beaumont treatment plant in accordance with Regional Board requirements. As part of the compliance effort with respect to the Order, the BCVWD should provide a detailed accounting of mitigation fees paid to it to purchase and/or develop new source water. In addition, the BCVWD should provide an update on the status of efforts to purchase and/or develop the new source water supplies in accordance with the Agreement in order to substantiate the projections for blending.
- 5) The Zoba proposal excludes the existing commitments that are currently being met solely by the City of Beaumont and describes a regulatory structure that will lead to runaway TDS degradation. The current maximum benefit commitments contain the requirement for additional desalting when the ambient TDS concentration exceeds the maximum benefit objectives. The Zoba proposal does not.
- 6) Part 2B is inconsistent with the current maximum benefit commitments and is internally inconsistent within Part 4, second paragraph. In the current maximum benefit commitments, the TDS and nitrogen compliance for recycled water recharge were assumed to occur in the management zone unless required at the recharge facility by the Department of Public Health. Part 4 suggests the possibility of incidental and planned recharge, and specifies compliance at the point of discharge which is not possible for incidental recharge. Incidental recharge of recycled water along with storm water is practiced throughout the Santa Ana watershed where the combined storm and recycled water TDS concentration is either less than the objective or where assimilative capacity exists. The City could accept the Zoba proposal only if the current and planned City discharges and resulting incidental recharge within the BMZ can continue pursuant to the current maximum benefit commitment and current discharge permit.

Attached is the City's proposal for a revised maximum benefit program that expands recycled water use over the BMZ in an equitable manner, that is consistent with existing agreements between the City and BCVWD, and improves on the current maximum benefit program. The format of our proposal is an explicit revision to the Basin Plan language that was adopted in 2004 including a revised Table 5-10a.

We look forward to the next meeting of the working group. Please feel free to call me at 951-769-8520 if you have any questions or comments in the meantime.

Very truly yours:

CITY OF BEAUMONT

A handwritten signature in blue ink, appearing to read 'Alan C. Kapanicas', is written over the printed name and title.

Alan C. Kapanicas  
City Manager

CC: Brian De Forge, Mayor  
Dee Moorjani, Consulting City Engineer  
Enc: Basin Plan Amendment Proposal

## **2. San Timoteo and Beaumont Management Zones – Beaumont Cherry Valley Water District (BCVWD), Cities of Banning and Beaumont and the Yucaipa Valley Water District (YVWD)**

As shown in Chapter 4 of the Basin Plan, two sets of TDS and nitrate-nitrogen objectives have been adopted for both the San Timoteo and Beaumont Management Zones: the maximum benefit objectives and objectives based on historic ambient quality (the antidegradation objectives). The application of the maximum benefit objectives for these Management Zones for discharge, recycling and recharge permits is contingent on the implementation of commitments by the Beaumont-Cherry Valley Water District (BCVWD), the City of Banning (Banning), the City of Beaumont (Beaumont), the Yucaipa Valley Water District (YVWD) and the San Geronio Pass Water Agency (Pass Agency) and, in the case of the San Timoteo Management Zone, by all these parties except Banning, to implement a specific water and wastewater resources management program. This program is part of a coordinated effort by these agencies to develop and implement projects that will assure reliable water supplies to sustainably meet future increasing demands in this area. These agencies, collectively and on their own initiative, are implementing new projects that maximize the recharge of native, recycled and imported waters, maximize the direct use of recycled water, and promote conjunctive use.

Municipal wastewater collection, treatment and discharge in the Beaumont Management Zone is currently provided by Beaumont; however, there are plans for Banning and YVWD to provide collection and treatment (but not discharge), and to reuse and recharge recycled water in the Beaumont Management Zone.

Beaumont currently discharges tertiary treated wastewater from Wastewater Treatment Plant No. 1 to Cooper's Creek at Discharge Point 001 (DP-001). Cooper's Creek is a tributary of San Timoteo Creek. Beaumont also discharges tertiary treated wastewater at Discharge Point 007 (DP-007) to an unnamed tributary of Marshall Creek which is also a tributary to San Timoteo Creek. Beaumont's discharge to Cooper's Creek completely infiltrates the San Timoteo Creek streambed and recharges the San Timoteo Management Zone. Beaumont's discharge to the unnamed tributary of Marshall Creek completely infiltrates the creek and recharges the Beaumont Management Zone. Ultimately, Wastewater Treatment Plant No. 1 will produce up to eight million gallons per day (mgd) of recycled water, of which Beaumont plans to continue to (i) discharge 1.8 mgd at DP-001 for beneficial use including protecting rare and endangered plant and animal species which depend upon a three (3) mile stretch of riparian habitat in Cooper's Creek and (ii) use up to 6.2 mgd in the Beaumont Management Zone for beneficial use to partially offset overdraft in the Beaumont Basin, provide a water supply for the BCVWD non-potable system, and reduce demand on the State Water Project (SWP). . . . To ensure the maximum beneficial use of Beaumont's recycled water in the Beaumont Management Zone, Beaumont plans to supply recycled water to the BCVWD non-potable system for direct use and recharge. Beaumont also plans to extract about 2,000 acre feet per year of water from the San Timoteo Management Zone to offset the TDS and nitrogen loads from recycled water discharge to Cooper's Creek and to use this water supply in the Beaumont Management Zone as if it was recycled water produced at its treatment plant. Any recycled water and San Timoteo Management Zone groundwater that is not able to be put to direct or indirect use will be discharged to the Beaumont Management Zone. Beaumont plans to be able to discharge up to 1.5 mgd at DP-007 and up to 6.5 mgd at Discharge Point 008 (DP-008) into Noble Creek, which is also tributary to San Timoteo Creek when non-potable water demand is less than supply.

Banning currently extracts water from the Beaumont Management Zone and discharges un-disinfected secondary treated effluent to disposal ponds outside and east of the Beaumont Management Zone in the Colorado River Drainage Basin. Banning is planning to add tertiary treatment to produce recycled water and subsequently to serve recycled water for direct use and groundwater recharge in the Beaumont Management Zone.

The YVWD currently discharges tertiary treated wastewater to San Timoteo Creek and serves recycled water for direct use within its service area in the Yucaipa Management Zone. The YVWD plans to



eventually serve recycled water to its service area in the Beaumont Management Zone and is working with the BCVWD to provide them with recycled water in excess of the volume of recycled water available from the City of Beaumont. The YVWD is also working with the City of Banning to provide them with recycled water in excess of the volume recycled water available the Banning treatment plant. The YVWD is planning to desalt some of its recycled water to conform to the TDS objective of 330 mg/l for direct use and groundwater recharge in the Beaumont Management Zone.

Table 5-10a identifies the projects and requirements that must be implemented by the BCVWD, Banning, Beaumont, the YVWD and the Pass Agency (hereafter collectively referred to as the Maximum Benefit Parties) to demonstrate that water quality consistent with maximum benefit to the people of the state will be maintained. The Maximum Benefit Parties have committed to conduct the regional planning and monitoring activities necessary to implement these maximum benefit commitments. Table 5-10a also specifies an implementation schedule. The Regional Board will maintain the waste discharge and maximum benefit commitments for the City of Beaumont and will amend the Basin Plan and expand the maximum benefit requirements to i) allow the BCVWD to jointly and mutually implement maximum benefit commitments with the City of Beaumont, the City of Banning and the YVWD, and ii) to allow access to the assimilative capacity created by the maximum benefit objectives for the direct use and groundwater recharge of recycled water by the City of Banning and the YVWD in the Beaumont Management Zone. The Maximum Benefit Parties will independently and collectively take other actions as necessary to assure the Regional Board that these commitments are met. It is assumed that maximum benefit is demonstrated, and that the maximum benefit water quality TDS and nitrate-nitrogen objectives apply to the Beaumont and San Timoteo Management Zones, as long as the commitments are being met. If the Regional Board determines that the maximum benefit commitments are not being implemented in accordance with the schedule shown in Table 5-10a then maximum benefit is not demonstrated, and the antidegradation TDS and nitrate-nitrogen objectives apply. In this situation, the Regional Board will require mitigation for TDS and nitrate-nitrogen discharges affecting these management zones that took place in excess of limits based on the antidegradation objectives.

#### **A. Description of Commitments Common to All Maximum Benefit Parties**

##### **1. Surface Water Monitoring Program (Table 5-10a, #1)**

The purpose of the surface water monitoring program is to: assist in the development of wasteload allocations, to characterize the quality and magnitude of recharge waters, and to assist in the assessment of the salt balance of the underlying groundwater management zones. The Maximum Benefit Parties shall collectively develop and submit to the Regional Board for approval a surface water monitoring program for San Timoteo, Little San Gorgonio, Noble and Smith Creeks and at recharge facilities that recharge native, SWP and recycled waters to satisfy these program objectives. The surface water monitoring program must be implemented within 30 days of approval by the Regional Board. An annual report, including all raw data and summarizing the results of the approved monitoring program, shall be submitted to the Regional Board by April 15<sup>th</sup> of each year.

##### **2. Groundwater Monitoring Program (Table 5-10a. #2)**

The purpose of the groundwater monitoring program is to identify the effects of the implementation of the Beaumont and San Timoteo Management Zones maximum benefit TDS and nitrate-nitrogen water quality objectives on water levels and water quality within the Beaumont and San Timoteo Management Zones. The Maximum Benefit Parties shall collectively develop and submit to the Regional Board for approval a groundwater monitoring program that, when implemented, will enable the Regional Board to determine ambient water quality in the Beaumont and San Timoteo Management Zones. The groundwater monitoring program must be implemented within 30 days of approval by the Regional Board. An annual report, including all raw data and summarizing the results of the approved groundwater monitoring program, shall be submitted to the Regional Board by April 15<sup>th</sup> of each year.

### **3. Ambient Groundwater Quality Determination (Table 5-10a, # 3)**

By July 1, 2014, and every three years thereafter, the Maximum Benefit Parties shall collectively submit a determination of ambient TDS and nitrate-nitrogen quality in the Beaumont and San Timoteo Management Zones. This determination shall be accomplished using methodology consistent with the calculation (20-year running averages) used by the Basin Monitoring Task Force<sup>1</sup> to develop the TDS and nitrate-nitrogen antidegradation water quality objectives for groundwater management zones within the region [Ref. 1].

## **B. Description of Joint City of Beaumont and BCVWD Commitments**

### **1. Non-potable Water Distribution System (Table 5-10a, #4)**

The BCVWD, in cooperation with Beaumont, is constructing a non-potable water system that will convey untreated SWP water, recycled water and groundwater produced by Beaumont from its wells in the San Timoteo Management Zone for irrigation and recharge. The intent of blending these sources is to minimize the impact of recycled water use on groundwater quality in the Beaumont and San Timoteo Management Zones.

### **2. Recycled Water Use (Table 5-10a, #5)**

The use of recycled water within the Beaumont Management Zone is currently a joint and mutual commitment of Beaumont and the BCVWD as set forth in the 1993 Cooperative Agreement between the agencies, and is necessary to maximize the use of the water resources in the Beaumont Management Zone. The continued implementation of the maximum benefit objectives depends on the discharge into and direct use over the Beaumont Management Zone of a ten-year, volume-weighted average TDS concentration of less than or equal to 330 mg/L and a nitrate-nitrogen concentration of less than or equal to 5 mg/L. This will be accomplished by introducing native water credited to them collectively by the Beaumont Watermaster as new yield, SWP water, recycled water and groundwater from the San Timoteo Management Zone recharged or introduced into the non-potable system and serving this blended supply for direct use in the Beaumont Management Zone. The application of the maximum benefit objectives in the San Timoteo Management Zone will be based on the combined discharge of 1.8 mgd of recycled water to Cooper's Creek for environmental protection combined with the mitigating effects of groundwater pumping and/or other mitigation measures applied within that zone when Beaumont's effluent five-year running average TDS exceeds 480 mg/L in accordance with the City's current NPDES Permit which contains this limit.

To comply with this commitment, Beaumont and the BCVWD are developing plans to store native, SWP and recycled waters in the Beaumont Management Zone. The BCVWD, in cooperation with Beaumont, constructed a new recharge facility adjacent to Noble Creek and will expand that facility to about 80-acres in the future. This facility currently is being used by the BCVWD to recharge SWP water for its own account and for Banning and the Pass Agency. In the future, the BCVWD may divert and recharge Noble Creek storm water at this facility. Beaumont has developed a storm water recharge facility and is currently developing three new storm water recharge facilities in the Beaumont Management Zone pursuant to an agreement with a major developer and landowner in the city. The SWP water imported by the BCVWD in response to existing demands and future growth in the City of Beaumont and storm water recharge by Beaumont and the BCVWD are committed to mitigate the use of recycled water in the Beaumont service area. Since 1993, the BCVWD has been collecting a development impact fee to purchase and develop new sources of water supply to help mitigate impacts on water supply and water quality related to new development in the City of Beaumont. The Agreement requires that most of this new supply be imported water above and beyond the current Pass Agency SWP Table A contract amount of 17,300 acre-ft/yr. This new imported water and any other imported water acquired by the BCVWD in response to growth in

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<sup>1</sup> Formerly the Nitrogen/TDS Task Force.



the City after 1993 is committed to offset the TDS and nitrogen loads on the Beaumont Management Zone from the use of the Beaumont's recycled water.

Accordingly, the use of recycled water for direct use or recharge in the Beaumont or San Timoteo Management Zone shall be limited to the amount that can be blended on a volume-weighted basis with other waters to achieve a running ten-year, volume-weighted average concentrations less than or equal to the maximum benefit objectives for the affected groundwater management zone. The 25% nitrogen loss coefficient will be applied in determining the amount of recharge of other water sources that must be used to meet the running ten-year, volume-weighted average nitrate-nitrogen concentrations. Beaumont and the BCVWD will collectively demonstrate compliance with this commitment by monitoring the flux and quality of all waters entering the non-potable system for direct use and the flux and water quality of all waters entering the recharge basins. Compliance will be based on the running ten-year, volume-weighted concentrations for the combined direct use and recharge.<sup>2</sup>

### **3. Desalters and Brine Disposal for the BMZ (Table 5-10a, #6)**

Beaumont and the BCVWD shall jointly and mutually construct and operate desalting facilities and brine disposal facilities and/or implement other correctives measures when:

- a. The five-year running average TDS concentration in recycled water produced at the City of Beaumont wastewater treatment plant exceeds 480 mg/L, or
- b. The ten-year volume-weighted average TDS concentration in the BCVWD and/or Banning non-potable system exceeds 330 mg/L; or
- c. The ambient TDS concentration in the Beaumont Management Zone equals or exceeds 320 mg/L for two consecutive ambient TDS determinations.<sup>3</sup>

The construction of these facilities will be in accordance with a plan and schedule submitted jointly by the City of Beaumont and the BCVWD, or as otherwise approved by the Regional Board. The schedule shall assure these facilities are in place within seven years of Regional Board approval. These facilities shall be designed to stabilize the degradation trend evidenced by the effluent.

### **4. Wastewater Quality Management (Table 5-10a, #7)**

Within 60 days after the 12-month running average concentration TIN concentration equals or exceeds 6 mg/L in any month, Beaumont and the BCVWD shall jointly submit to the Regional Board a plan and time schedule for implementation of measures to insure that the average Beaumont wastewater effluent quality does not exceed 6 mg/L for TIN. The plan and schedule are to be implemented upon approval by the Regional Board.

## **D. Description of Beaumont's Commitment Regarding Its' San Timoteo Creek Discharge**

### **1. Future Mitigation of San Timoteo Creek Discharge (Table 5-10a, #8)**

In accordance with its NPDES Permit, Beaumont is committed to the goal of mitigating the TDS and nitrogen impacts on San Timoteo Management Zone from its discharge to the unlined reach of San Timoteo Creek which discharge is currently required for environmental protection. There is currently no assimilative capacity for TDS and nitrogen in the San Timoteo Management Zone; however, the

<sup>2</sup> To be clear, compliance will be based on the collective operations of Beaumont and the BCVWD.

<sup>3</sup> If recycled water produced by the YVWD or the City of Banning is imported into the BCVWD service area for direct use and or recharge, then the obligation to implement additional desalting at the City of Beaumont's treatment plant, salt mass transfer or importation of new supplies of SWP water to mitigate impacts from recycled water return flows will be the responsibility of the recycled water provider (YVWD and/or Banning) as determined by the Regional Board or otherwise agreed among the Maximum Benefit Parties based on the relative amounts of salinity loading contributed by the substitution of Banning and YVWD recycled water for SWP water.

discharge currently complies with the City's NPDES Permit which requires mitigation to be implemented when Beaumont's effluent five-year running average TDS exceeds 480 mg/L. Beaumont has committed to the goal of completely mitigating the TDS and nitrogen loads into San Timoteo Management Zone from its discharge to the unlined reach of San Timoteo Creek. The BCVWD's non-potable water system is expected to be operational by January 2014 and the City will make all of its uncommitted recycled water available for diversion into the BCVWD non-potable system for direct use and recharge in accordance with the 1993 Cooperative Agreement. By January 1, 2013, Beaumont shall submit a an updated proposed plan and schedule to mitigate future salt loading impacts related to its discharge of recycled water in the San Timoteo Management Zone when Beaumont's effluent five-year running average TDS exceeds 480 mg/L in accordance with the City's current NPDES Permit which contains this limit.

#### **E. Description of BCVWD Commitment (Table 5-10a, #9)**

##### **1. BCVWD Will Maximize the Use of the City of Beaumont's Recycled Water, New Water Supplies and San Timoteo Management Zone Groundwater**

The BCVWD will, as a matter of first priority, maximize the use of Beaumont's available recycled water, San Timoteo Management Zone groundwater produced by Beaumont and new supplies of SWP water and/or other new imported waters with TDS and nitrate-nitrogen concentrations comparable to or better than SWP water, prior to the use of recycled water produced by Banning, the YVWD or any other recycled water producer.

#### **F. Description of Common Banning and YVWD Commitments**

##### **1. Recycled Water Use (Table 5-10a, #10)**

The use of recycled water within the Beaumont Management Zone is a critical component of Banning's and of the YVWD's water management plans, and is a beneficial use of water. The continued application of the maximum benefit objectives is contingent on the recharge into and direct use over the Beaumont Management Zone and within their service areas of a ten-year, volume-weighted average TDS concentration of less than or equal to 330 mg/L and a nitrate-nitrogen concentration of less than or equal to 5 mg/L. This will be accomplished by introducing native water credited to them individually by the Beaumont Watermaster as new yield, SWP water and recycled water, into the non-potable system and serving this blended supply for direct use and groundwater recharge in the Beaumont Management Zone.

To comply with this requirement, Banning and the YVWD are developing plans to recharge and store native, SWP and recycled waters in the Beaumont Management Zone. Banning is planning to construct new recharge facilities on Smith Creek in the future. The SWP water imported and recharged by Banning and the YVWD in response to growth in their service areas are committed to mitigate the use of recycled water in their service area.

Accordingly, the use of recycled water for the direct use or recharge within their service areas in the Beaumont or San Timoteo Management Zone shall be limited to the amount that can be blended on a volume-weighted basis with other water to achieve a running ten-year, volume-weighted average concentrations less than or equal to the maximum benefit objectives for the affected groundwater management zone. The 25% nitrogen loss coefficient will be applied in determining the amount of recharge of other water sources that must be used to meet the running ten-year, volume-weighted average nitrate-nitrogen concentrations. Banning and the YVWD will individually demonstrate compliance with this commitment by monitoring the flux and quality of all waters entering the non-potable system for direct use and the flux and water quality of all waters entering the recharge basins. Individual compliance will be based on the running ten-year, volume-weighted concentrations for the combined

direct use and recharge.<sup>4</sup> Credit for dilution for new native supplies will be given to the maximum benefit party that creates the recharge and will be determined by the Beaumont Basin Watermaster.

## **2. Desalters and Brine Disposal (Table 5-10a, #11)**

Banning and the YVWD shall contract for and/or construct and operate desalting facilities and brine disposal facilities when the five-year running volume-weighted average TDS concentration in recycled water produced at the Banning and or the YVWD wastewater treatment plants for use in the Beaumont Management Zone exceeds 330 mg/L and cannot be blended with new imported water imported by them or new storm water recharged by them, to achieve a volume-weighted TDS concentrations of 330 mg/L or less.

The construction of these facilities will be in accordance with a plan and schedule submitted by the recycled water generator and approved by the Regional Board. The schedule shall assure that these facilities are in place within seven years of Regional Board approval. These facilities shall be designed to stabilize the degradation trend evidenced by the effluent.

## **G. Common City of Banning, BCVWD and YVWD Commitments**

### **1. Mitigation by Banning, BCVWD, and YVWD for the Importation and Use of YVWD Recycled Water into their Service Areas in the Beaumont Management Zone in Lieu of SWP Water (Table 5-10a, #12)**

The TDS and nitrogen management plan in the original Maximum Benefit Implementation Plan for Salt Management in the Beaumont and San Timoteo Management Zones, which was incorporated into the Basin Plan in 2004, assumed that the only recycled water used in the Beaumont Management Zone would be produced by Beaumont and that supplemental water demands in excess of recycled water would be met by importing SWP water. Both Banning and the BCVWD are contemplating substituting some of the SWP water assumed in the original Maximum Benefit Implementation Plan with the importation and use of recycled water from the YVWD. If done, this will cause the TDS concentration in the Beaumont Management Zone to increase at a faster rate than would have occurred if YVWD recycled water were not imported and used in the Banning and BCVWD service areas. This in turn will cause the TDS concentration in Beaumont's recycled water to increase at a faster rate than if the YVWD recycled water were not imported and used by Banning and the BCVWD. Banning and the BCVWD have acknowledged that their use of YVWD's recycled water in the Beaumont Management Zone will contribute to an increase in TDS concentration at Beaumont's treatment plant and that they will mitigate this increase in TDS concentration based on the relative amounts of salinity loading contributed by the substitution YVWD recycled water for SWP water and that an agreement that specifies the terms of this mitigation will be consummated prior to the Banning and BCVWD taking deliveries and using recycled water from YVWD. If the YVWD intends to have their recycled water recharged into the Beaumont Management Zone outside of their service area then they will need to enter into a similar mitigation agreement with Banning and/or Beaumont prior to engaging in recharge.

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<sup>4</sup> To be clear, Banning and YVWD must individually demonstrate compliance from their individual water management activities.

Table 5-10a  
 Cities of Banning and Beaumont, Beaumont-Cherry Valley Water District and Yucaipa Valley  
 Water District Maximum Benefit Commitments

Description of Commitment	Responsible Party(s)	Compliance Date – as soon as possible, but no later than
<b>1. Surface Water Monitoring Program</b>  a. Submit Draft Monitoring Program to Regional Board  b. Implement Monitoring Program  c. Annual data report submittal	BCVWD, Banning Beaumont, Pass Agency and YVWD	a. March 1, 2012  b. Within 30 days from Regional Board approval of monitoring plan  c. April 15 <sup>th</sup>
<b>2. Groundwater Monitoring Program</b>  a. Submit draft monitoring program to Regional Board  b. Implement Monitoring Program  c. Annual data report submittal	BCVWD, Banning Beaumont, Pass Agency and YVWD	a. March 1, 2012  b. Within 30 days from Regional Board approval of monitoring plan  c. April 15 <sup>th</sup>
<b>3. Ambient groundwater quality determination</b>	BCVWD, Banning Beaumont, Pass Agency and YVWD	July 1, 2014 and every three years thereafter
<b>4. Non-potable Water Distribution System for the BMZ</b>  a. Complete construction of the non-potable system  b. Non-potable system becomes operational	BCVWD and Beaumont	a. July 1, 2013  b. January 1, 2014
<b>5. Recycled Water Use in the BMZ</b>  a. Submit draft recycled water use and new source water blending	BCVWD and Beaumont	a. Within 12 months of CEQA certification of the BCVWD Recycled Water Use Project.

Table 5-10a  
 Cities of Banning and Beaumont, Beaumont-Cherry Valley Water District and Yucaipa Valley  
 Water District Maximum Benefit Commitments

Description of Commitment	Responsible Party(s)	Compliance Date – as soon as possible, but no later than
<p>program to the Regional Board to demonstrate compliance with ten-year, volume-weighted average TDS and nitrate concentration limits for direct use and recharge. Program must document the location and amounts of storm and supplemental water used to dilute recycled water.</p> <p>b. Implement recycled water reuse and blending program</p> <p>c. Annual recycled water reuse and blending program report submittal</p>		<p>b. Within 30 days from Regional Board approval of a permit for recycled water use and blending program</p> <p>c. April 15<sup>th</sup></p>
<p><b>6. Desalters and Brine Disposal for the BMZ</b></p> <p>a. Submit plan and schedule for salt mass transfer/exchange, construction of desalter(s) and brine disposal facilities and/or other corrective measures. Facilities are to be operational as soon as possible but no later than seven years from date of Regional Board approval of plan/schedule.</p> <p>b. Implement the plan and schedule</p>	<p>BCVWD and Beaumont</p>	<p>a. Within 6 months of any of the following:</p> <p>I. When Beaumont's effluent five-year running average TDS exceeds 480 mg/L in the San Timoteo or Beaumont Management Zone; or</p> <p>II. When the ten-year running average TDS concentration in the non-potable water served in the Beaumont Management Zone exceeds 330 mg/L; or</p> <p>III. When the ambient TDS concentration in the Beaumont Management Zone exceeds 320 mg/L for two consecutive ambient determinations</p> <p>b. Within 30 days from Regional Board approval of monitoring plan</p>

Table 5-10a  
 Cities of Banning and Beaumont, Beaumont-Cherry Valley Water District and Yucaipa Valley  
 Water District Maximum Benefit Commitments

Description of Commitment	Responsible Party(s)	Compliance Date – as soon as possible, but no later than
<b>7. City of Beaumont Wastewater Quality Management</b>  a. Submit plan and schedule  b. Implement plan and schedule	BCVWD and Beaumont	a. 60 days after 12-month running average TIN concentration equals or exceeds 6 mg/L in any month  b. Upon approval by Regional Board
<b>8. Beaumont's Mitigation of San Timoteo Creek Discharge</b>  a. Submit proposed plan/schedule  b. Implement plan/schedule	BCVWD and Beaumont	a. January 1, 2013  b. Upon Regional Board approval
<b>9. BCVWD Will Maximize the Use of the City of Beaumont's available Recycled Water and San Timoteo Management Zone Groundwater</b>	BCVWD and Beaumont	Upon adoption of the basin plan amendment authorizing this revised maximum benefit plan for the Beaumont and San Timoteo Management Zones.
<b>10. Banning's and YVWD's Recycled Water Use in the BMZ</b>  a. Submit draft recycled water use and blending program to the Regional Board to demonstrate compliance with ten-year, volume-weighted average TDS and nitrate concentration limits for direct use and recharge. Program must document the location and amounts of storm and imported water used to dilute recycled water.  b. Implement recycled water reuse and blending program  c. Annual recycled water reuse	Banning and YVWD	a. Within 12 months of CEQA certification of the Banning and/or YVWD Recycled Water Use Project.  b. Within 30 days from Regional Board approval of recycled water use and blending program



Table 5-10a  
 Cities of Banning and Beaumont, Beaumont-Cherry Valley Water District and Yucaipa Valley  
 Water District Maximum Benefit Commitments

Description of Commitment	Responsible Party(s)	Compliance Date – as soon as possible, but no later than
and blending program report submittal		c. April 15 <sup>th</sup>
<p><b>11. Desalters and Brine Disposal</b></p> <p>a. Submit plan and schedule for construction of desalter(s) and brine disposal facilities. Facilities are to be operational as soon as possible but no later than seven years from date of Regional Board approval of plan/schedule.</p> <p>b. Implement the plan and schedule</p>	Banning and YVWD	<p>a. Within 6 months of either of the following:</p> <ol style="list-style-type: none"> <li>When the ten-year running average TDS concentration in the non-potable water served in the Beaumont Management Zone exceeds 330 mg/L; or</li> <li>When the ambient TDS concentration in the Beaumont Management Zone exceeds 320 mg/L for two consecutive ambient determinations</li> </ol> <p>b. Within 30 days from Regional Board approval of monitoring plan</p>
<p><b>12. Mitigation by the City of Banning and the BCVWD for the Importation and Use of YVWD Recycled Water into their Service Areas in the Beaumont Management Zone</b></p> <p>a. Consummate mitigation agreement based on the mass loading from the use of YVWD's recycled water in lieu of SWP water</p>	BCVWD, Banning and YVWD	<p>a. Prior to the use of YVWD recycled water outside of the YVWD service area in the Beaumont Management Zone</p>





# City of Beaumont

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October 12, 2011

Kurt Berchtold, Executive Officer  
Santa Ana Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501-3339

Subject: City of Beaumont (City) Positions on the Transfer of Recycled Water to the Beaumont-Cherry Valley Water District (BCVWD) and Updates to the Maximum Benefit Commitments for the Beaumont Management Zone (BMZ)

Dear Mr. Berchtold,

Thank you very much for the opportunity of participating in a process lead by your staff to revisit the maximum benefit commitments in the Beaumont Management Zone (BMZ) with the goal of expanding participation to the City of Banning and the Yucaipa Valley Water District (YVWD). The City supports this effort but has respectfully expressed concerns on a number of occasions regarding the potential impacts of expanded participation on the City and to the potential impacts on the water quality in the Beaumont Basin.

As you may recall, the current maximum benefit commitments and planning assumptions, upon which the current maximum benefit program is based, include very specific water management activities which are described below. There are some participants in this work who may not be completely aware of the specific planning assumptions, existing agreements, past efforts to negotiate water transfers and significant investments that have been made to comply with the existing maximum benefit commitments. This is why City staff discussed this extensively following the September 20, 2011 meeting in your office, where the YVWD presented its preliminary straw-man proposal to expand maximum benefit participation in the BMZ. We prepared this letter to describe the water planning background from the City's perspective with the hope it can help give shape to a fair and equitable resolution to the process. And, we have attached seminal documents that back up the City's position.

The most important document discussed in this letter is the 1993 Cooperative Agreement which among other provisions, requires the City to sell its recycled water to the BCVWD, the BCVWD to purchase the City's recycled water in order to offset treatment costs related to the consumptive use of recycled water by the BCVWD and the BCVWD to acquire additional imported water supplies above and beyond the existing State Water Project water supplies to meet the water demands caused by growth in the City. This is followed with a discussion on the intent of the existing maximum benefit program in the BMZ and

why the current proposal by other agencies is inconsistent with the maximum benefit commitments and unfair to the City.

***What are the prior commitments of the City and the BCVWD regarding the transfer of the City's recycled water to the BCVWD?***

An agreement entitled *Cooperative Agreement between the City of Beaumont and the Beaumont Cherry Valley Water District* (Cooperative Agreement) was executed by the City and the BCVWD regarding Community Facilities District (CFD) No. 93-1 in 1993. CFD No. 93-1 includes virtually all of the new development areas in the City of Beaumont. The Cooperative Agreement has been included as an attachment to this letter for your reference. On page 4, paragraph 8 of the Cooperative Agreement, the City and the BCVWD committed to completing a definitive *Reclaimed Water Purchase Agreement* that would result in the transfer of the City's recycled water to the BCVWD:

"The City shall direct its City Manager and the District shall direct its General Manager to negotiate and prepare a Reclaimed Water Purchase Agreement which shall be presented to the City Council and the Board of the District for approval within eighteen (18) months of the approval and execution of this Agreement. The Water Purchase Agreement shall establish water quality criteria in accordance with the Santa Ana State Regional Water Quality Control Board (Regional Board) directives. Consideration for reclaimed water shall be based on a percentage of the net revenues received by the District, net of operation, maintenance and depreciation costs related to the District reclaimed water distribution system. The City shall use all revenue from reclaimed water sales to establish a restricted account for the improvements to the wastewater treatment plant in accordance with the Regional Board directives."

The City's position is that the Cooperative Agreement obligates the BCVWD to take the City's tertiary treated effluent and that the Reclaimed Water Purchase Agreement is to contain the details. It has taken the BCVWD nearly eighteen years to complete its non-potable system, and because the system is almost complete, the time to complete the *Reclaimed Water Purchase Agreement* is now. In sum, the Cooperative Agreement requires the City to transfer its recycled water to the BCVWD, and the net proceeds from the BCVWD's sale of that recycled water to its recycled water customers to go to the City to enable it to continue to make improvements to its wastewater treatment plant to protect water quality pursuant to requirements set forth by the Regional Board. The City and BCVWD have made several attempts at this *Reclaimed Water Purchase Agreement* but have been unable to negotiate an agreement. The City's most recent proposal was submitted to the BCVWD approximately two years ago, and the City is still waiting for a credible response from the District. The City has been ready to complete negotiations and deliver recycled water to the BCVWD for many years and has even agreed in to take the recycled water system over twice in the past when the BCVWD has expressed an unwillingness to proceed. The City has met all of the other obligations of the Cooperative Agreement.

***What are the main obstacles in the negotiations to transfer the City's recycled water to the BCVWD?***

The most significant obstacle is that the City requires recycled water that is transferred to the BCVWD benefit CFD No. 93-1 and the rate payers in the City in accordance with the Cooperative Agreement, not

to exclusively benefit non-City rate payers in the BCVWD. This requirement is clearly stated in the Cooperative Agreement<sup>1</sup> and, as such, was already agreed to by the BCVWD. The City maintains that the use of the City's recycled water without compensation for the water or to help mitigate water quality impacts of consumptive use in accordance with the Cooperative Agreement would be a gift of public funds to rate payers outside of City limits. That is, to do otherwise would be providing water supply benefits to BCVWD rate payers outside of City limits, which is simply not legal. The BCVWD's position is that it will not allow the City to dictate how it will utilize the City's recycled water and that the City is in no position to dictate this to the BCVWD as the City has no choice but to provide its recycled water to the BCVWD in order to continue to comply with Regional Board orders and to minimize the City's cost of regulatory compliance.

***What is City's position on how the BCVWD is supposed to meet its replenishment obligations under the 2004 Stipulated Judgment?***

The groundwater production and storage rights in the Beaumont Basin were adjudicated and a Stipulated Judgment was approved by the Superior Court in February of 2004. Starting in fiscal year 2013-14, the parties to the Stipulated Judgment that produce groundwater in excess of their production rights will be required to replenish their overproduction. The BCVWD is projecting a significant overproduction in 2013-14 and all years thereafter and will be required to purchase replenishment water to mitigate its overproduction in accordance with the Stipulated Judgment.

The Cooperative Agreement established an interim and definitive mitigation fee to be paid by new development in CFD No. 93-1 as a connection fee that would enable the BCVWD to acquire new supplemental water above and beyond the Agency's Table A contract amount of 17,300 acre-ft/yr<sup>2</sup>. The BCVWD agreed to acquire and provide new supplemental water supply that could be allocated specifically to growth in the CFD No. 93-1 service area and not subject to the Agency's policies for the allocation of their Table A water in the Agency's service area. This interim fee was established in the Cooperative Agreement at \$386 per equivalent dwelling unit (edu) and subsequently increased to about \$1,400 per edu. Since 1993, the BCVWD has collected this fee on about 9,000 edu's and has five years from collection to use the fees to obtain a new supplemental water supply to support development in CFD No. 93-1. To be clear, the connection fee is supposed to be used to acquire new supplemental supplies, and the additional cost to transport this new supplemental water to the Pass Area would be borne by City ratepayers in the CFD No. 93-1 service area. This new supplemental water was incorporated into the Cooperative Agreement to ensure that there would be water for new development in the City and could be used to meet the replenishment obligation pursuant to the 2004 Stipulated Judgment for all growth associated with the connection fee.

The BCVWD to our knowledge has not this acquired this new supplemental water and is not currently pursuing it. When it does acquire this new supplemental water, it will have to enter into an agreement with the Agency to wheel the water to the BCVWD. To our knowledge, the BCVWD and the Agency are

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<sup>1</sup> See page 3, paragraph 3 of the Cooperative Agreement.

<sup>2</sup> See pages 2 and 3, paragraph 2 of the Cooperative Agreement.

not currently negotiating a wheeling agreement. The BCVWD has issued will serve letters, entered into service agreements, has collected connection fees from developers (which have been subsequently paid by homeowners in the City), and has not demonstrated significant progress in meeting its obligation to obtain new supplemental water as required by the Cooperative Agreement. In many instances the City collected the new supplemental water fees through CFD No. 93-1 pursuant to the Cooperative Agreement, and the City provided these fees to the BCVWD to obtain new supplemental water.

Given the above, it is clearly the BCVWD's obligation to provide the water to mitigate the overdraft created by growth in the City and help offset the costs of treating return flows from the consumptive use of recycled water.

***What were the planning assumptions for recycled water reuse and the mitigation of the TDS/nitrate impacts to groundwater in the establishment of the maximum benefit-based TDS and nitrate objectives?***

The STWMA compiled water demand and water supply plans from its member agencies and used this information to develop a proposal to the Regional Board to set maximum benefit-based TDS and nitrate objectives for the BMZ. The planning data included the mix of water sources for the City of Banning (a non STWMA member), the BCVWD, the South Mesa Water Company (SMWC), and the YVWD. These water supply plans were aggregated, and a TDS concentration projection was done to determine how TDS concentration in the BMZ would change over time. Several alternatives were developed to test the sensitivity of various amounts of recycled water reuse in the BMZ. The planning data and alternatives analysis were vetted among the STWMA members, Regional Board staff and all the downstream stakeholders involved in the N/TDS investigations—essentially all of the major water agencies in the Santa Ana Watershed. The only water agency that was planning to use recycled water in the BMZ during the development of the maximum benefit proposal was the BCVWD, and the recycled water source was the City of Beaumont. These planning assumptions and the TDS projections are documented in the City and STWMA's joint proposal for maximum benefit objectives for the BMZ. It is also important to note that this new supplemental water supply to be imported by BCVWD into the Beaumont basin pursuant to the 1993 Cooperative Agreement is the source of dilution water that the BCVWD agreed to supply to help implement maximum benefit commitments.

***Who has been responsible for meeting the commitments of the maximum benefit program in the BMZ?***

While the maximum benefit proposal was jointly submitted by the City and the STWMA, the only STWMA member agencies that were specifically interested in this proposal were the City and the BCVWD. The STWMA was included in the proposal as an advocate of basin management and a participant in the ongoing N/TDS investigations. After approval of the 2004 Basin Plan Amendment, the City and the BCVWD formed a project committee of the STWMA that was called Project Committee 1 (PC1); the YVWD was not interested in becoming a member and never attended a PC1 meeting. One of the purposes PC1 was to jointly fund the work to implement the maximum benefit commitments made



by the City and the BCVWD. In 2009, the BCVWD terminated its involvement with STWMA and PC1, and the City took on the sole responsibility for meeting the commitments of the maximum benefit program.

Around this time, the BCVWD also pulled out of the STWMA, and it became publicly known that 1) the BCVWD and the YVWD were in discussions regarding the BCVWD purchasing recycled water from the YVWD instead of the City and that 2) the YVWD was planning to serve recycled water in its service area that overlies the BMZ. It is important to note that Beaumont was not invited to participate in the planning process even though the YVWD recycling permit (R8-2007-0012) contains the following provision:

“Use of recycled water by the Discharger that would affect the Beaumont Management Zone when maximum benefit TDS and TIN objectives and limitations apply, is contingent on the submission of confirmation by the City of Beaumont and San Timoteo Watershed Management Authority (STWMA) that the proposed recycled water use is consistent with the maximum benefit program being implemented by these agencies. If recycled water use in the Beaumont Groundwater Management Zone (GMZ) under maximum benefit conditions is pursued by the Discharger, this confirmation shall be submitted at least 30 days prior to the proposed use of recycled water. In the absence of this confirmation, the antidegradation TDS and TIN limits shown in Tables 14, 16, and 18 for the Beaumont GMZ shall apply. In addition, the Discharger shall be responsible to mitigate TDS and TIN discharges that occurred in excess of the limits specified in Tables 13 to 18 for the Beaumont GMZ during the period between issuance of this Order and April 1, 2007.<sup>3</sup>”

This provision requires the YVWD to come to the City and the STWMA to obtain concurrence that their recycled water reuse plan is consistent “with the maximum benefit program being implemented by these agencies with the agencies.” The recent actions of the YVWD clearly demonstrate that the YVWD is trying to eliminate the City’s recycling plan and replace it with its own recycling plan at great expense to the City. This is an audacious act in that the YVWD initially wanted no part in the maximum benefit program in the BMZ and given the fact that it will have severe water quality impacts in the BMZ. In addition, the YVWD has not invested any funds in complying with the maximum benefit commitments in the BMZ since the maximum benefit program was created by the 2004 Basin Plan Amendment. In contrast, the City has invested substantially to comply with the maximum benefit commitments including providing funding through CFD No. 93-1 to construct millions of dollars in recycled water infrastructure.

The Regional Board amended the City’s discharge permit in 2009 to enable the City to discharge up to 2.2 mgd of recycled water at DP007 and DP008 within the BMZ and stay on schedule to implement maximum benefit commitments even after the BCVWD pulled out of the joint commitments made under STMA. In fact, the City committed to managing the discharge at DP007 and DP008 to ensure that the recycled water discharged at these new discharge points did not flow into the San Timoteo

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<sup>3</sup> Regional Board resolution R8-2007-0012 page 29 section VI.C.2.d.

Management Zone. Regional Board staff was fully aware of the City's desire that their discharge in the BMZ, would be credited to the City's storage account, and that the stored water would eventually be transferred to the BCVWD to mitigate future overdraft once the *Reclaimed Water Purchase Agreement* was completed. The BCVWD opposed this amended permit to put pressure on the City into transferring its recycled water to the BVVWD under terms that the City cannot legally agree to. It is important to note that the YVWD and the City of Banning did not oppose the amended permit prior to approval by the Regional Board.

***How is the maximum benefit currently achieved in the BMZ?***

Under the existing maximum benefit program, the maximum benefit is achieved by reducing the amount of imported water to the Pass Area by the amount of recycled water provided by the City to the BCVWD and new stormwater recharge which the City is actively developing. Reducing water demands on the fragile Delta is a benefit to the State. The promotion of the safe reuse of recycled water pursuant to SWRCB policy is also a benefit to the State. The City and the STWMA committed to certain mitigation actions when the ambient TDS and/or nitrate concentrations exceeded their maximum benefit objectives and when the TDS and nitrogen concentrations in the City's recycled water exceed their permit limits. These mitigations must be approved by the Regional Board and, as such, are open-ended mitigation requirements. The City and the STWMA also committed to conducting surface and ground water monitoring, as specified by the Regional Board, to enable the Regional Board to assess the ambient TDS and nitrate concentrations in the BMZ in the future.

The City and the STWMA have met most of their commitments under the maximum benefit. The City has reduced its discharge to San Timoteo Creek at DP001 from about 2.6 mgd to 1.8 mgd and is in the process of implementing a plan to divert the remaining recycled water discharged to San Timoteo Creek and make it available to the BCVWD for its non-potable system.<sup>4</sup> The City has begun discharging its recycled water in the BMZ pursuant to its current discharge permit and the stipulated agreement regarding groundwater production and storage rights in the Beaumont Basin. The City, through its developers, has constructed stormwater recharge facilities, and the new stormwater recharged at these facilities dilutes the TDS and nitrate concentration in the City's recycled water that is used in the BMZ and decreases demand on SWP water. These three water supplies being developed by the City pursuant to its maximum benefit commitments reduce the requirements for importing SWP water, which is a requirement of maximum benefit. All of the aforementioned actions by the City show it is committed to implementing its maximum benefit commitments to the Regional Board.

***What commitments were made by BCVWD specifically in the maximum benefit proposal?***

The BCVWD recognized that its non-potable demand would be greater than the recycled water supplies available from the City far into the future. The BCVWD committed to blend the City's recycled water

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<sup>4</sup> This diversion will be accomplished by offset wells located in the STMZ. The City will likely discharge this water into the BMZ at DP008 in the near term until the Reclaimed Water Agreement is completed.

with imported water to achieve a 50-50 blend with an average TDS concentration of about 370 mg/L.<sup>5</sup> The Regional Board subsequently required this recycled-imported water blend to achieve a ten-year, volume-weighted TDS concentration of 330 mg/L. The BCVWD made this blending commitment to the City, the STWMA and the Regional Board. Seemingly, the BCVWD wants to back out of this commitment. The new supplemental water supply to be imported into the Beaumont basin pursuant to the 1993 Cooperative Agreement is the source of dilution water that the BCVWD committed to supplying to meet the requirements of the maximum benefit.

***And where was the imported water supposed to come from to achieve this blend?***

The requirement for imported water comes from growth within the City and, as such, will be met by new supplemental water acquired by the BCVWD pursuant to the Cooperative Agreement and or any other imported water purchased by the BCVWD to meet the water demands of their rate payers in the City's service area. This imported water is the water that would not be imported and served within the BCVWD were it not for growth within the City. Seemingly the BCVWD wants to back out of this commitment and replace the commitment to bring in low TDS imported water with higher TDS concentration YVWD recycled water, which would be relatively deleterious to water quality in the BMZ compared to the prior commitment.

***What was the recycled water production by the City at the time the Cooperative Agreement was executed and how much is produced today? How has recycled water production changed between in this period?***

In 1993, the City's recycled water production was about 1.1 mgd; in 2007 the City's recycled water production rose to about 2.6 mgd. Since its peak in 2007, the City's recycled water production has decreased slightly to about 2.5 mgd due to water conservation measures implemented during the recent drought and home foreclosures that occurred after 2007.

***Is the amount of the BCVWD's new supplemental water import obligation sufficient to offset the TDS and nitrate concentration loading to the BMZ for any foreseeable recycled water reuse using the City's recycled water?***

The long-term average TDS concentration in SWP water is about 250 mg/L. The annual water usage per edu in the BCVWD service area is 0.6 acre-ft/yr/edu, and recycled water production is about half of that. Assuming that the TDS concentration in the City's recycled water is at its permit limit of 490 mg/L, the volume-weighted TDS concentration of the recycled water produced and reused and the imported water used to supply an edu is:

$$330\text{mg/L} = [0.6 \text{ acre-ft/yr} * 250 \text{ mg/L} + 0.3 \text{ acre-ft/yr} * 490 \text{ mg/L}] / [0.3 \text{ acre-ft/yr} + 0.6 \text{ acre-ft/yr}]$$

The City currently produces recycled water with a TDS concentration of about 386 mg/L. Using the City's current recycled water TDS concentration, the volume-weighted TDS concentration of the recycled

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<sup>5</sup> 370 mg/L is the average of State Water Project water at 250 mg/L and the TDS concentration limit in the City's NPDES permit.



water produced and reused and the imported water used to supply an edu is about 300 mg/L. In either case, the TDS loading caused by recycled water reuse is completely offset by the imported water used to supply growth.

***Why was there no recycled water reuse by the City of Banning, the SMWC or the YVWD in the existing maximum benefit program?***

A total of three complete proposals were serially developed, circulated throughout the watershed and discussed in public meetings. Banning, the SMWC and the YVWD provided no plans for recycled water reuse in the BMZ, even though there was ample time to update the planning information to include recycled water use by these agencies.

***Why does the City object to Banning and the YVWD's use of recycled water in the BMZ?***

The City does not object to recycled water reuse by Banning and YVWD in their respective service areas and welcomes an expansion of maximum benefit participation for those agencies to use recycled water in their service areas provided that an equitable distribution of the salt liabilities can be reached and appropriate salt offset measures implemented.

However, the City does object to the BCVWD's importation of YVWD recycled water in lieu of the BCVWD using the City's recycled water because the BCVWD is obligated to use the City's recycled water to benefit land within CFD No. 93-1 pursuant to the 1993 Cooperative Agreement. The City also objects to the imposition of a financial obligation to treat, desalinate and dispose of return flows from the consumptive use of recycled water which benefits others. The City will not object to or oppose the importation of YVWD recycled water into the BCVWD service area if the BCVWD fully utilizes the City's recycled water first and within the requirements of the existing maximum benefit commitments<sup>6</sup>, the BCVWD acquires and imports water of SWP water quality pursuant to the 1993 Cooperative Agreement, and the BCVWD and the YVWD among themselves accept offsetting the salt loading liability for using YVWD recycled water in place of the imported water.

***What would the City like the Regional Board to do in expanding participation in the maximum benefit program in the BMZ to the City of Banning and the Yucaipa Valley Water District?***

The City believes that Banning and the YVWD should be able to reuse recycled water in their service areas in the BMZ, based on the same requirements currently applied to the City and the STWMA. That is, they must ensure that the TDS and nitrate loads caused by recycled water reuse are offset by new low-TDS concentration imported water recharge and/or blending the recycled water with new low-TDS concentration imported water.<sup>7</sup> Alternatively, the recycled water could be treated to remove salt and reduce the TDS concentration to the maximum benefit objective of 330 and also mitigate financial impacts to the City related to treatment, desalination and brine disposal costs to treat return flows related to the consumptive use of recycled water. This concept of fairness and equity was the basis for

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<sup>6</sup> The City's TDS concentration limit in its recycled water is 490 mg/L, and the TDS concentration in the BCVWD non-potable water system achieves a ten-year, volume-weighted average of 330 mg/L.

<sup>7</sup> This applies to nitrate as well.

the Cooperative Agreement, the formation of the STWMA and inclusion of the provision in the waste discharge permit for the YVWD which requires approval of the City of Beaumont before recycled water is used in the BMZ. The City sees no compelling reason to remove this YVWD permit requirement in the proposed revisions to maximum benefit obligations for the BMZ.

The City believes the Regional Board should require the BCVWD to use all of the recycled water produced and available for reuse from the City prior to the BCVWD importing recycled water from the YVWD. This is consistent with the conditions on which the Regional Board developed the water quality objectives for the BMZ, the 1993 Cooperative Agreement between the City and the BCVWD,<sup>8</sup> the planning assumptions that are imbedded in the current Regional Board approved maximum benefit program and the financial investments made by the City and the BCVWD. At a minimum the Regional Board should take no action that would suggest or enable the BCVWD to forego its obligations to the City pursuant to the 1993 Cooperative Agreement.

Its ironic and somewhat contradictory that the YVWD proposal to revise the maximum benefit program states that the parties (Banning, BCVWD, Agency and YVWD) “recognize the importance of maintaining the pure water resources in the BMZ<sup>9</sup>” and then suggest replacing the imported water required of BCVWD by the 1993 Cooperative Agreement with the importation of recycled water from YVWD. The importation of YVWD recycled water with a TDS concentration of 330 mg/L into the BMZ in lieu of importing SWP water at 250 mg/L will accelerate degradation of water quality in the BMZ. It may also create impacts to the City to the extent more areas are irrigated with recycled water than under the existing maximum benefit plan or to the extent additional costs are incurred by the City to dispose of recycled water. The City has the same issue with Banning’s plan to develop approximately 5,000 new edu in the BMZ and use recycled water for irrigation without mitigating the costs of treatment of return flows at the Beaumont treatment plant. This, along with the potential impact of exporting water from the Santa Ana River watershed to the Colorado River watershed, could be mitigated by treating the effluent from the new edu’s at the Beaumont treatment plant, a contingency which Beaumont has already addressed by constructing a 24” trunk sewer which has the requisite extra capacity to serve the new edu’s.

The YVWD proposal to revise the maximum benefit program states that the parties (Banning, BCVWD, Agency and YVWD) “are committed to continue our active role in surface water monitoring, groundwater monitoring and in the preparation of the ambient groundwater quality determinations.<sup>10</sup>” This is untrue and disingenuous. With the minor exception of the BCVWD, none of these agencies have done any of this work in the BMZ and therefore have nothing to continue. Virtually all the effort and money spent to comply with the monitoring and analytical work commitments has come from the City with a minor contribution from BCVWD which ceased in July, 2009.

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<sup>8</sup> Page 4, paragraph 8 of the Cooperative Agreement CFD 93-1.

<sup>9</sup> YVWD maximum benefit proposal, September 21, 2011, page 10.

<sup>10</sup> YVWD maximum benefit proposal, September 21, 2011, page 8.

Finally, the City believes that the commitment to expand desalting when the ambient TDS and nitrate concentrations in the BMZ approach their respective objectives needs to be more clearly articulated and that the liabilities of the maximum benefit participants need to be more clearly defined. The BCVWD and the City will likely incur most of the cost of this commitment. If the liability issue were more clearly defined, the implementation of treatment programs to comply with this commitment could be planned and implemented with more certainty. The City recommends that Regional Board require the salt loading liabilities be estimated for all participants in the maximum benefit program. Specifically that item 3B in the September 13, 2010 13267 Order that requires a calculation of the salt liability of all recycled water users in the BMZ be implemented as follows:

- A 30-year projection of the individual liabilities of all maximum benefit participants as originally required in the September 13, 2010 13267 Order
- An annual accounting of the salt liability of all maximum benefit participants and a reporting of the liabilities in the annual report required in the maximum benefit commitment.

It is our sincere hope that the above clearly articulates the City's positions in the ongoing process to expand participation in the maximum benefit program in the BMZ and the complex business relationship of the City and the BCVWD. We look forward to meeting with you to review, discuss and expand on this information at your convenience. Please feel free to call me at 951-769-8520 if you have any questions or comments in the meantime.

Very truly yours;  
CITY OF BEAUMONT

*for P.R. Kishan*

Deepak Moorjani, P.E.  
Consulting City Engineer

CC: Brian De Forge, Mayor  
Alan C. Kapanicas, City Manager

Encl. Cooperative Agreement



**Beaumont Cherry Valley Water District  
Regular Board Meeting  
May 9, 2012**

**DATE:** May 9, 2012  
**TO:** Board of Directors  
**FROM:** Eric Fraser, General Manager  
**SUBJECT:** Well 16 Repairs

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**Recommendation**

Ratify the approval by staff to repair well 16, per the attached quote.

**Background**

Well 16 is one of two wells serving the intermediate (2850) pressure zone. In order to maintain system reliability and meet increased demands as summer approaches, the prompt repair of this well is necessary.

Due to excessive vibration and noise discovered during a routine visit to well 16, the well was shut down and several pump companies were contact to respond to the site and make an assessment of the damages. Based on the response times provided, District staff requested that Tri County Pump Company (Tri County) respond to the site to make the assessment. Once it was determined that the pumping equipment needed to be removed from the well, staff directed Tri County to remove the equipment and provide the District with their findings and recommendations. Based on the attached quote the pump is damaged and needs to be rebuilt. Also, there are several pieces of the column, tube and shaft that need to be replaced. Staff has visually inspected the damaged equipment and has found the recommendations provided to be in order.

**Financial Impact**

There will be fiscal impact of \$44,408.48 to the District.

Prepared by: Tony Lara



April 4, 2012

Beaumont - Cherry Valley Water District  
P.O. Box 2037  
560 Magnolia Avenue  
Beaumont, CA 92223

Quote Number: 040412-2AB

Attention: Mr. Dwan Lee

Subject: Well #16

We have pulled, disassembled, inspected and documented the subject pump. We have also video logged the well. Due to the age and condition of the well casing, we would not suggest any well work be completed. The bowl assembly can be rebuilt, and the majority of the column, tube, and shaft can be reused. The following is our estimate to repair.

#### Field Labor

3/19/2012 - Travel to and from jobsite; remove building, pull motor, and disconnect discharge (2 man crew and equipment - 7 hours @ \$305.00 per hour)	\$2,135.00
3/20/2012 - Travel to and from jobsite; start pulling pump (3 man crew and equipment - 8 hours @ \$415.00 per hour)	\$3,320.00
3/21/2012 - Travel to and from jobsite; finish pulling pump (3 man crew and equipment - 9-1/2 hours @ \$415.00 per hour)	\$3,942.50
(3 man crew and equipment - 4-1/2 man hours overtime @ \$63.00 per hour)	\$283.50
Video Log Well	\$1,000.00
Travel to and from jobsite; install pump, check rotation, and adjust (3 man crew and equipment - 24 hours @ \$415.00 per hour)	\$9,960.00
Travel to and from jobsite; start up and test run (1 man crew and equipment - 6 hours @ \$140.00 per hour)	\$840.00

#### Shop Labor

Disassemble, inspect, document, and advise	\$510.00
Load and unload all materials, check line shaft bearings with a go / no-go gauge, remove and replace line shaft bearings and couplings, clean usable column pipe, machine for impeller seal rings, press out and in bowl bearings, assemble bowl assembly, and load out for installation	\$4,080.00
Sandblast discharge head and bowl assembly and paint	\$450.00

#### Materials

9 - Impeller Seal Ring @ \$272.00 each	\$2,448.00
1 - Suction Bowl Bearing	\$171.00
9 - Intermediate Bowl Bearing @ \$77.00 each	\$693.00
1 - Discharge Bowl Bearing	\$171.00
1 - Tube Adapter Bearing	\$350.00
1 - 1-11/16" x 116-3/4" 416SS Bowl Shaft	\$1,020.00
3 - 10" x 20' T&C Oil Lube Column Pipe @ \$780.00 each	\$2,340.00
1 - 10" x 10' T&C Oil Lube Column Pipe	\$465.00
2 - 3" x 1-15/16" x 10' Inner Column Assembly @ \$525.00 each	\$1,050.00
3 - 3" x 1-15/16" x 20' Inner Column Assembly @ \$945.00 each	\$2,835.00
1 - 3" x 24" Top Tube	\$250.00
1 - 10" x 24" Hanger Flange Nipple	\$350.00



Beaumont - Cherry Valley Water District  
Well #16  
April 4, 2012  
Page 2

1 - 1-15/16" x 82-3/4" 416SS Head shaft	\$970.00
32 - 1-15/16" Line Shaft Coupling @ \$43.00 each	\$1,376.00
12 - 3" x 1-15/16" Line Shaft Bearing @ \$65.00 each	\$780.00
1 - 8" x 10' TOE Suction Pipe	\$425.00
1 - Lot; Turbine Oil	\$72.00
1 - Lot; Nuts, Bolts, Ring Gaskets, Etc.	\$45.00
1 - Electrical Connection Kit	\$150.00
1 - Lot; Miscellaneous Shop Supplies	\$40.00
1 - Lot; Estimated Incoming Freight	\$600.00
Estimated Labor	\$26,521.00
Estimated Materials	\$16,601.00
Sales Tax 7.75%	\$1,286.58
Total Estimate	\$44,408.58

We can procure all items and complete this installation within 2-3 weeks after your approval and your authorization to proceed.

This estimate is valid for thirty (30) days from the above date and subject to review thereafter. We trust that this estimate will suffice for your needs, and if you have any questions or need any additional information. Please do not hesitate to contact us.

Sincerely,

Andy Bradbury