



**BEAUMONT-CHERRY VALLEY WATER DISTRICT  
AGENDA  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, January 9<sup>th</sup>, 2013  
Regular Session 7:00 p.m.**

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**Call to Order, President Woll**

**Pledge of Allegiance, Director Ross**

**Invocation, Director Guldseth**

**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** (pages 1-3)
- 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. November 2012 Budget Variance Report Review\*\* (pages 4-7)
  - b. November 30<sup>th</sup>, 2012 Cash/Investment Balance Report\*\* (page 8)
  - c. December 2012 Cheque Register Review\*\* (pages 9-17)
  - d. December 2012 Invoices Pending Approval\*\* (pages 18-27)
  - e. Minutes of the Special Meeting of December 12<sup>th</sup>, 2012\*\* (page 28)
  - f. Minutes of the Regular Meeting of December 12<sup>th</sup>, 2012\*\* (pages 29-32)
  - g. Minutes of the Special Meeting of December 20<sup>th</sup>, 2012\*\* (pages 33-34)
  - h. Review and Approval of 2011 Audit by Charles & Fedak & Co.\*\* (pages 35-77)
  - i. Consideration of Pension Reform Act Report (Assembly Bill 340)\*\* (pages 78-81)

- j. Consideration of Reimbursement to Director Ball for Attendance at the City of Beaumont's 100 Year Gala (\$25 Event Fee)
- k. Consideration and Approval of As-Needed Survey Consultant Services\*\* (pages 82-120)

**3. Reorganization of the Board**-(Continued from the December 12<sup>th</sup>, 2012 meeting):

- Appointment of the Personnel Committee
- Appointment of the Collaborative Agency Representative
- Appointment of the San Geronio Pass Water Agency Liaison

**4. Consideration of Resolution 2013-01: A Resolution of the Board of Directors of the Beaumont-Cherry Valley Water District Acknowledging the Review, Receipt and Acceptance of the District's Investment Policy\*\*** (pages 121-131)

**5. Consideration of Request for Use of Property to Construct Commercial Broadcast Tower at the Noble Creek Recharge Facility\*\*** (pages 132-133)

**6. Consideration of the Allocation of Water from the San Geronio Pass Water Agency to the Retail Water Agencies\*\*** (pages 134-148)

**7. Consideration of Approval of Water Supply Assessment and Water Service for Beaumont Distribution Center Development\*\*** (pages 149-193)

**8. Reports For Discussion**

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

**9. Announcements**

- District Offices will be closed Monday, January 21<sup>st</sup>, 2013 in observance of Martin Luther King's Birthday
- Beaumont Basin Watermaster, February 6<sup>th</sup>, 2013 at 10:00 a.m.
- Finance & Audit Committee meeting, February 7<sup>th</sup>, 2013 at 3:00 p.m.
- Regular Board meeting, February 13<sup>th</sup>, 2013 at 7:00 p.m.

**10.Action List for Future Meetings**

**11.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.

Fiscal Year : 2012  
Budget Type : Adopted Budget

## 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>Revenue</b>						
4010	Operating Revenue					
	Total Operating Revenue	\$ 1,195,996	\$ 11,063,251	\$ 11,163,250	\$ (99,999)	-1%
4011	Rent - 12303 Oak Glen Rd					
	Total Rent - 12303 Oak Glen Rd	\$ 200	\$ 2,400	\$ 2,400	\$ -	0%
4012	Rent - 13695 Oak Glen Rd					
	Total Rent - 13695 Oak Glen Rd	\$ 200	\$ 2,400	\$ 2,400	\$ -	0%
4013	Rent - 13697 Oak Glen Rd					
	Total Rent - 13697 Oak Glen Rd	\$ 200	\$ 2,400	\$ 2,400	\$ -	0%
4014	Rent - 9781 Avenida Miravilla					
	Total Rent - 9781 Avenida Miravilla	\$ 200	\$ 2,400	\$ 2,400	\$ -	0%
4015	Utilities 12303 Oak Glen Rd					
	Total Utilities 12303 Oak Glen Rd	\$ 624	\$ 2,897	\$ 2,100	\$ 797	38%
4016	Utilities 13695 Oak Glen Rd					
	Total Utilities 13695 Oak Glen Rd	\$ 54	\$ 2,481	\$ 2,400	\$ 81	3%
4017	Utilities 13697 Oak Glen Rd					
	Total Utilities 13697 Oak Glen Rd	\$ 184	\$ 3,937	\$ 2,700	\$ 1,237	46%
4018	Utilities 9781 Avenida Miravilla					
	Total Utilities 9781 Avenida Miravilla	\$ 145	\$ 2,543	\$ 4,000	\$ (1,457)	-36%
4020	Non Operating Revenue					
	Total Non Operating Revenue	\$ 10,582	\$ 158,487	\$ 746,500	\$ (588,013)	-79%
4030	Other Non Operating Revenue					
	Total Other Non Operating Revenue	\$ -	\$ -	\$ 75,000	\$ (75,000)	-100%
	Total Revenue	\$ 1,208,386	\$ 11,243,196	\$ 12,005,550	\$ (762,354)	-6%
<b>Expense</b>						
5200	Source of Supply & Water Treatment Wells					
	Total Source of Supply & Water Treatment Wells	\$ 388,733	\$ 4,251,807	\$ 4,847,600	\$ (595,793)	-12%
5300	Transmission & Distribution					
	Total Transmission & Distribution	\$ 72,877	\$ 808,829	\$ 1,125,500	\$ (316,671)	-28%
5350	Inspections					
	Total Inspections	\$ 2,650	\$ 31,520	\$ 23,700	\$ 7,820	33%
5400	Meter Reading/Customer Service					
	Total Meter Reading/Customer Service	\$ 16,664	\$ 212,900	\$ 253,300	\$ (40,400)	-16%
5500	Administration					
	Total Administration	\$ 131,349	\$ 2,723,665	\$ 3,015,200	\$ (291,535)	-10%
5510	Board of Directors					
	Total Board of Directors	\$ 3,146	\$ 25,048	\$ 54,100	\$ (29,052)	-54%
5610	District Property - 560 Magnolia					
	Total District Property - 560 Magnolia	\$ 3,203	\$ 52,925	\$ 55,800	\$ (2,875)	-5%
5615	District Property - 12303 Oak Glen Rd					
	Total District Property - 12303 Oak Glen Rd	\$ 293	\$ 2,954	\$ 3,300	\$ (346)	-10%
5620	District Property JH- 13695 Oak Glen Rd					
	Total District Property JH- 13695 Oak Glen Rd	\$ 54	\$ 2,502	\$ 2,900	\$ (398)	-14%
5625	District Property JB- 13697 Oak Glen Rd					
	Total District Property JB- 13697 Oak Glen Rd	\$ 184	\$ 3,786	\$ 4,500	\$ (714)	-16%
5630	District Property - 9781 Avenida Miravilla					
	Total District Property - 9781 Avenida Miravilla	\$ -	\$ 2,184	\$ 4,200	\$ (2,016)	-48%
5635	District Office - 815 E. 12th Street					
	Total District Office - 815 E. 12th Street	\$ 1,211	\$ 13,264	\$ 15,500	\$ (2,236)	-14%
5640	District Property - 11083 Cherry Ave					
	Total District Property - 11083 Cherry Ave	\$ 236	\$ 2,562	\$ 3,200	\$ (638)	-20%
5700	Maintenance & General Plant					
	Total Maintenance & General Plant	\$ 17,540	\$ 196,795	\$ 183,500	\$ 13,295	7%
5800	Engineering (in-house)					
	Total Engineering (in-house)	\$ 17,047	\$ 174,129	\$ 217,100	\$ (42,971)	-20%
5810	Prof. Services - Legal & Accounting					
	Total Prof. Services - Legal & Accounting	\$ 56,123	\$ 159,828	\$ 175,000	\$ (15,172)	-9%
5820	Professional Services - Engineering					
	Total Professional Services - Engineering	\$ 41,677	\$ 181,778	\$ 64,000	\$ 117,778	184%
5901	Non Operating Expenses					
	Total Non Operating Expenses	\$ -	\$ 51,370	\$ -	\$ 51,370	0%
	Total Expense	\$ 752,988	\$ 8,897,846	\$ 10,048,400	\$ (1,150,554)	-11%
	SYSTEM DEPRECIATION	1,899,423	1,899,423	1,850,000	\$ (49,423)	-3%



NOVEMBER BUDGET VARIANCE REPORT

Fiscal Year : 2012  
Budget Type : Adopted Budget

Budget Variance Report (Details)



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	189,431	2,109,217	2,286,000	(176,783)	-8%
144010401	DOMESTIC WATER SALES	517,612	4,699,382	4,550,000	149,382	3%
144010402	IRRIGATION WATER SALES	6,160	30,951	31,000	(49)	0%
144010403	CONSTRUCTION WATER SALES	3,175	39,857	46,000	(6,143)	-13%
144010404	INSTALLATION CHARGES	4,730	87,451	45,000	42,451	94%
144010407	REIMB. CUST. DAMAGES/UPGRADES	5,359	11,046	10,000	1,046	10%
144010408	BACKFLOW DEVICES	1,779	22,789	24,000	(1,211)	-5%
144010409	REIMBURSEMENT - INSURANCE	0	16,625	0	16,625	0%
144010410	RETURNED CHECK FEES	200	2,645	2,000	645	32%
144010411	MISCELLANEOUS INCOME	31,030	37,889	31,000	6,889	22%
144010412	RENTAL INCOME	0	0	1,200	(1,200)	-100%
144010413	DEVELOPMENT INCOME (DEPOSITS APPLIED)	0	820	50,000	(49,180)	-98%
144010414	RECHARGE INCOME (CITY OF BANNING)	6,114	61,140	72,000	(10,860)	-15%
144010415	AFTER HOURS CALLOUT CHARGE	0	500	0	500	0%
144010439	REIMB - MAINTENANCE OF WELLS 24,25 & 26	0	0	20,000	(20,000)	-100%
144010441	TURN ONS	7,460	76,050	32,000	44,050	138%
144010442	THIRD NOTICE CHARGE	4,025	37,405	80,000	(42,595)	-53%
144010443	PENALTIES	8,800	97,660	88,000	9,660	11%
144010444	SGPWA IMPORTATION CHARGE	237,349	2,154,572	2,205,000	(50,428)	-2%
144010445	SCE POWER CHARGE	170,272	1,549,164	1,582,000	(32,836)	-2%
144010446	BONITA VISTA REPAYMENT - INTEREST	0	3,400	3,550	(150)	-4%
144010449	CREDIT CHECK PROCESSING FEES	595	5,645	4,500	1,145	25%
144010453	CREDIT CARD PROCESSING FEES	1,904	18,891	0	18,891	0%
144010454	BENCH TEST FEES	0	150	0	150	0%
	<b>Total Operating Revenue</b>	<b>\$ 1,195,996</b>	<b>\$ 11,063,251</b>	<b>\$ 11,163,250</b>	<b>\$ (99,999)</b>	<b>-1%</b>
<b>4011 Rent - 12303 Oak Glen Rd</b>						
144011412	RENT - 12303 OAK GLEN RD	200	2,400	2,400	-	0%
	<b>Total Rent - 12303 Oak Glen Rd</b>	<b>\$ 200</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ -</b>	<b>0%</b>
<b>4012 Rent - 13695 Oak Glen Rd</b>						
144012412	RENT - 13695 OAK GLEN RD	200	2,400	2,400	-	0%
	<b>Total Rent - 13695 Oak Glen Rd</b>	<b>\$ 200</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ -</b>	<b>0%</b>
<b>4013 Rent - 13697 Oak Glen Rd</b>						
144013412	RENT - 13697 OAK GLEN RD	200	2,400	2,400	-	0%
	<b>Total Rent - 13697 Oak Glen Rd</b>	<b>\$ 200</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ -</b>	<b>0%</b>
<b>4014 Rent - 9781 Avenida Miravilla</b>						
144014412	RENT - 9781 AVENIDA MIRAVILLA	200	2,400	2,400	-	0%
	<b>Total Rent - 9781 Avenida Miravilla</b>	<b>\$ 200</b>	<b>\$ 2,400</b>	<b>\$ 2,400</b>	<b>\$ -</b>	<b>0%</b>
<b>4015 Utilities 12303 Oak Glen Rd</b>						
144015515	ELECTRIC & PROPANE-12303 Oak Glen Rd	624	2,897	2,100	797	38%
	<b>Total Utilities 12303 Oak Glen Rd</b>	<b>\$ 624</b>	<b>\$ 2,897</b>	<b>\$ 2,100</b>	<b>\$ 797</b>	<b>38%</b>
<b>4016 Utilities 13695 Oak Glen Rd</b>						
144016515	ELECTRIC & PROPANE-13695 Oak Glen Rd	54	2,481	2,400	81	3%
	<b>Total Utilities 13695 Oak Glen Rd</b>	<b>\$ 54</b>	<b>\$ 2,481</b>	<b>\$ 2,400</b>	<b>\$ 81</b>	<b>3%</b>
<b>4017 Utilities 13697 Oak Glen Rd</b>						
144017515	ELECTRIC & PROPANE-13697 Oak Glen Rd	184	3,937	2,700	1,237	46%
	<b>Total Utilities 13697 Oak Glen Rd</b>	<b>\$ 184</b>	<b>\$ 3,937</b>	<b>\$ 2,700</b>	<b>\$ 1,237</b>	<b>46%</b>
<b>4018 Utilities 9781 Avenida Miravilla</b>						
144018515	ELECTRIC & PROPANE-9781 Av Miravilla	145	2,543	4,000	(1,457)	-36%
	<b>Total Utilities 9781 Avenida Miravilla</b>	<b>\$ 145</b>	<b>\$ 2,543</b>	<b>\$ 4,000</b>	<b>\$ (1,457)</b>	<b>-36%</b>
<b>4020 Non Operating Revenue</b>						
144020421	FRONT FOOTAGE & OTHER REIMB	10,507	10,507	55,000	(44,493)	-81%
144020422	WELLS	0	3,872	85,000	(81,128)	-95%
144020423	WATER RIGHTS (SWP)	0	2,450	255,000	(252,550)	-99%
144020424	WATER TREATMENT PLANT	0	1,842	25,000	(23,158)	-93%
144020425	FF - LOCAL WATER RESOURCES	0	970	95,000	(94,030)	-99%
144020426	FF - RECYCLED WATER FACILITIES	0	2,804	35,000	(32,196)	-92%
144020427	FF - TRANSMISSION	0	3,136	60,000	(56,864)	-95%
144020428	FF - STORAGE	0	4,016	95,000	(90,984)	-96%
144020429	FF - BOOSTER	0	278	6,500	(6,222)	-96%
144020430	FACILITY FEES - PRESSURE REDUCING STATION	0	142	3,000	(2,858)	-95%
144020431	FACILITY FEES - MISCELLANEOUS PROJECTS	0	124	3,000	(2,876)	-96%
144020432	FACILITY FEES - FINANCING COSTS	0	610	14,000	(13,390)	-96%
144020433	BONITA VISTA SYSTEM	0	16,290	0	16,290	0%
144020435	INTEREST INCOME	75	111,447	15,000	96,447	643%
	<b>Total Non Operating Revenue</b>	<b>\$ 10,582</b>	<b>\$ 158,487</b>	<b>\$ 746,500</b>	<b>\$ (588,013)</b>	<b>-79%</b>
<b>4030 Other Non Operating Revenue</b>						
144030600	GRANT REVENUE	0	0	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>\$ 1,208,386</b>	<b>\$ 11,243,196</b>	<b>\$ 12,005,550</b>	<b>\$ (762,354)</b>	<b>-6%</b>
<b>Expense</b>						
<b>5200 Source of Supply &amp; Water Treatment Wells</b>						
155200271	LABOR	12,882	188,325	211,900	(23,575)	-11%
155200272	OVERTIME	821	13,259	12,500	759	6%
155200281	HEALTH INSURANCE	4,552	63,112	63,800	(688)	-1%
155200282	RETIREMENT/CALPERS	4,434	62,095	65,300	(3,205)	-5%
155200283	LIFE INSURANCE	92	1,298	1,200	98	8%
155200284	UNIFORMS, EMPLOYEE BENEFITS	0	38	1,000	(962)	-96%
155200285	EDUCATION EXPENSES	0	0	3,500	(3,500)	-100%
155200291	SOCIAL SECURITY	850	12,507	13,200	(693)	-5%
155200292	MEDICARE	199	2,925	3,100	(175)	-6%
155200293	WORKER'S COMPENSATION INSURANCE	891	11,637	8,800	2,837	32%
155200294	UNEMPLOYMENT INSURANCE	12,103	12,103	0	12,103	0%
155200511	TREATMENT & CHEMICALS	7,141	102,549	75,000	27,549	37%
155200512	LAB TESTING	3,395	31,527	55,000	(23,473)	-43%
155200513	MAINTENANCE EQUIPMENT (PUMPING)	118,708	294,222	140,000	154,222	110%
155200514	UTILITIES - GAS	0	148	200	(52)	-26%
155200515	UTILITIES - ELECTRIC	0	1,035,533	1,450,000	(414,467)	-29%
155200517	TELEMETRY MAINTENANCE	624	4,158	6,000	(1,842)	-31%
155200518	SEMINAR & TRAVEL EXPENSES	0	0	500	(500)	-100%

NOVEMBER BUDGET VARIANCE REPORT

Acct Code	Account Name	Current Month		Annual Approved Budget	Variance (YTD to Annual)		% Variance (Annual Budget Remaining)
		Actuals	Year to Date Actuals		(Under)		
155200519	EDUCATION EXPENSES	0	90	0	90	0%	
155200544	SMALL PARTS/MAINTENANCE	13	26	100	(74)	-74%	
155200545	PERMITS, FEES & LICENSING	0	100	6,000	(5,900)	-98%	
155200560	EQUIP MAINT & REPAIRS	0	2,462	100	2,362	2362%	
155200562	SUBSCRIPTIONS	129	564	200	364	182%	
155200568	EMPLOYMENT TESTING	0	0	200	(200)	-100%	
155200620	STATE PROJECT WATER PURCHASED	221,900	1,987,273	2,219,000	(231,727)	-10%	
155200623	Ground Water Purch -South Mesa Mutual Wa	0	425,856	511,000	(85,144)	-17%	
	<b>Total Source of Supply &amp; Water Treatment Wells</b>	<b>\$ 388,733</b>	<b>\$ 4,251,807</b>	<b>\$ 4,847,600</b>	<b>\$ (595,793)</b>	<b>-12%</b>	
<b>5300</b>	<b>Transmission &amp; Distribution</b>						
155300271	LABOR	33,188	355,441	514,100	(158,659)	-31%	
155300272	OVERTIME	282	9,529	6,800	2,729	40%	
155300273	DOUBLE-TIME	1,372	1,512	0	1,512	0%	
155300281	HEALTH INSURANCE	12,535	122,191	182,100	(59,909)	-33%	
155300282	RETIREMENT/CALPERS	10,519	112,367	143,100	(30,733)	-21%	
155300283	LIFE INSURANCE	244	2,510	2,500	10	0%	
155300284	UNIFORMS, EMPLOYEE BENEFITS	159	958	3,000	(2,042)	-68%	
155300285	EDUCATION EXPENSES	0	115	1,000	(885)	-89%	
155300291	SOCIAL SECURITY	2,141	22,713	31,900	(9,187)	-29%	
155300292	MEDICARE	501	5,312	7,500	(2,188)	-29%	
155300293	WORKER'S COMPENSATION INSURANCE	2,244	21,547	21,400	147	1%	
155300518	SEMINAR & TRAVEL EXPENSES	0	0	800	(800)	-100%	
155300530	MAINT PIPELINE/FIRE HYDRANT	1,347	75,181	38,000	37,181	98%	
155300531	LINE LOCATES	509	2,370	2,500	(130)	-5%	
155300534	MAINT METERS & SERVICES	7,836	62,776	128,000	(65,224)	-51%	
155300535	BACKFLOW DEVICES	0	472	1,500	(1,028)	-69%	
155300536	MAINTENANCE RESERVOIRS/TANKS	0	3,636	12,000	(8,364)	-70%	
155300537	MAINTENANCE PRESSURE REGULATORS	0	11,910	9,000	2,910	32%	
155300539	INVENTORY ADJUSTMENT	0	0	15,000	(15,000)	-100%	
155300540	INVENTORY PURCHASE DISCOUNTS	0	-1,709	0	(1,709)	0%	
155300541	OBSOLETE OR DAMAGED INVENTORY	0	0	5,000	(5,000)	-100%	
155300544	SMALL PARTS/MAINTENANCE	0	0	100	(100)	-100%	
155300568	EMPLOYMENT TESTING	0	0	200	(200)	-100%	
	<b>Total Transmission &amp; Distribution</b>	<b>\$ 72,877</b>	<b>\$ 808,829</b>	<b>\$ 1,125,500</b>	<b>\$ (316,671)</b>	<b>-28%</b>	
<b>5350</b>	<b>Inspections</b>						
155350271	LABOR	1,465	17,694	15,000	2,694	18%	
155350272	OVERTIME	0	46	0	46	0%	
155350281	HEALTH INSURANCE	387	4,355	3,000	1,355	45%	
155350282	RETIREMENT/PERS	551	6,633	2,400	4,233	176%	
155350283	LIFE INSURANCE	11	128	200	(72)	-36%	
155350284	UNIFORMS/BENEFITS	0	0	300	(300)	-100%	
155350291	SOCIAL SECURITY	103	1,209	1,400	(191)	-14%	
155350292	MEDICARE	24	283	400	(117)	-29%	
155350293	WORKER'S COMPENSATION	108	1,174	1,000	174	17%	
	<b>Total Inspections</b>	<b>\$ 2,650</b>	<b>\$ 31,520</b>	<b>\$ 23,700</b>	<b>\$ 7,820</b>	<b>33%</b>	
<b>5400</b>	<b>Meter Reading/Customer Service</b>						
155400271	LABOR	8,739	113,493	134,400	(20,907)	-16%	
155400272	OVERTIME	30	1,410	1,100	310	28%	
155400273	DOUBLE-TIME	0	292	0	292	0%	
155400281	HEALTH INSURANCE	3,518	42,903	54,700	(11,797)	-22%	
155400282	RETIREMENT/CALPERS	2,929	37,720	44,500	(6,780)	-15%	
155400283	LIFE INSURANCE	65	834	800	34	4%	
155400284	UNIFORMS, EMPLOYEE BENEFITS	125	337	800	(463)	-58%	
155400285	EDUCATION EXPENSES	0	70	400	(330)	-83%	
155400291	SOCIAL SECURITY	551	7,176	8,400	(1,224)	-15%	
155400292	MEDICARE	129	1,678	2,000	(322)	-16%	
155400293	WORKER'S COMPENSATION	578	6,987	5,600	1,387	25%	
155400518	SEMINAR & TRAVEL EXPENSES	0	0	300	(300)	-100%	
155400568	EMPLOYMENT TESTING	0	0	300	(300)	-100%	
	<b>Total Meter Reading/Customer Service</b>	<b>\$ 16,664</b>	<b>\$ 212,900</b>	<b>\$ 253,300</b>	<b>\$ (40,400)</b>	<b>-16%</b>	
<b>5500</b>	<b>Administration</b>						
155500271	LABOR	57,187	744,860	883,200	(138,340)	-16%	
155500272	OVERTIME	1,042	6,841	0	6,841	0%	
155500281	HEALTH INSURANCE	9,944	113,784	191,200	(77,416)	-40%	
155500282	RETIREMENT/CALPERS	17,345	214,413	262,800	(48,387)	-18%	
155500283	LIFE INSURANCE	374	4,118	5,000	(882)	-18%	
155500284	UNIFORMS, EMPLOYEE BENEFITS	0	480	1,000	(520)	-52%	
155500285	EDUCATION EXPENSES	0	0	500	(500)	-100%	
155500291	SOCIAL SECURITY	3,034	45,390	54,800	(9,410)	-17%	
155500292	MEDICARE	890	10,946	12,900	(1,954)	-15%	
155500293	WORKER'S COMPENSATION INSURANCE	1,393	15,863	8,900	6,963	78%	
155500294	UNEMPLOYMENT INSURANCE	0	65,946	37,600	28,346	75%	
155500518	SEMINAR & TRAVEL EXPENSES	0	2,960	2,000	960	48%	
155500528	NOTARY/LIEN FEES	0	1,262	0	1,262	0%	
155500547	EMPLOYER SHARE FOR RETIRED (CALPERS)	616	6,162	7,000	(838)	-12%	
155500548	ADMINISTRATIVE COSTS (CALPERS)	88	1,156	1,800	(644)	-36%	
155500549	BANK CHGS/MONEY MARKET/TRANS. FEES	1,678	20,294	30,000	(9,706)	-32%	
155500553	TEMPORARY LABOR	6,653	58,646	20,000	38,646	193%	
155500555	OFFICE SUPPLIES	710	29,163	45,000	(15,837)	-35%	
155500556	OFFICE EQUIPMENT/SERVICE AGREEMENTS	1,584	78,288	82,000	(3,712)	-5%	
155500557	OFFICE MAINTENANCE	0	708	14,000	(13,292)	-95%	
155500558	MEMBERSHIP DUES	1,608	18,525	25,000	(6,475)	-26%	
155500560	OFFICE EQUIP.MAINT. & REPAIRS	0	1,975	2,500	(525)	-21%	
155500561	POSTAGE	8,029	40,687	49,000	(8,313)	-17%	
155500562	SUBSCRIPTIONS	411	4,084	5,000	(916)	-18%	
155500563	MISCELLANEOUS OPERATING SUPPLIES	879	4,619	7,700	(3,081)	-40%	
155500564	MISCELLANEOUS TOOLS/EQUIPMENT	48	4,865	6,500	(1,635)	-25%	
155500567	EMPLOYEE MEDICAL/FIRST AID	0	0	500	(500)	-100%	
155500568	EMPLOYMENT TESTING	75	260	300	(40)	-13%	
155500570	PROPERTY/AUTO/GEN LIABILITY INSURANCE	8,465	86,743	95,000	(8,257)	-9%	
155500572	STATE MANDATES AND TARIFFS	426	19,090	32,000	(12,910)	-40%	
155500573	MISCELLANEOUS EXPENSES	0	2,650	4,500	(1,850)	-41%	
155500574	PUBLIC EDUCATION	0	8,334	10,000	(1,666)	-17%	
155500575	PROPERTY DAMAGE (CUSTOMER CLAIMS)	0	0	2,000	(2,000)	-100%	
155500578	IT SUPPORT/SOFTWARE SUPPORT	0	11,696	10,000	1,696	17%	
155500579	SHORTAGE/OVERAGE ACCOUNT	20	41	0	41	0%	
155500587	PRINCIPAL PAYMENT	0	985,000	985,000	-	0%	
155500588	INTEREST EXPENSE	7,323	97,330	113,000	(15,670)	-14%	
155500630	BAD DEBT EXPENSES	0	-308	0	(308)	0%	

NOVEMBER 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)
155500631	NOTE COST OF ISSUANCE	1,527	16,795	7,500	9,295	124%
	<b>Total Administration</b>	<b>\$ 131,349</b>	<b>\$ 2,723,665</b>	<b>\$ 3,015,200</b>	<b>\$ (291,535)</b>	<b>-10%</b>
<b>5510 Board of Directors</b>						
155510271	BOARD OF DIRECTOR FEES	2,800	21,450	48,900	(27,450)	-56%
155510291	SOCIAL SECURITY	174	1,330	3,100	(1,770)	-57%
155510292	MEDICARE	41	311	700	(389)	-56%
155510293	WORKER'S COMPENSATION INSURANCE	58	391	400	(9)	-2%
155510551	SEMINAR & TRAVEL EXPENSES	73	1,566	1,000	566	57%
	<b>Total Board of Directors</b>	<b>\$ 3,146</b>	<b>\$ 25,048</b>	<b>\$ 54,100</b>	<b>\$ (29,052)</b>	<b>-54%</b>
<b>5610 District Property - 560 Magnolia</b>						
155610515	ELECTRIC - 560 MAGNOLIA AVE	1,089	17,350	21,000	(3,650)	-17%
155610580	TELEPHONE - 560 MAGNOLIA AVE	498	19,755	25,000	(5,245)	-21%
155610581	SANITATION - 560 MAGNOLIA AVE	173	1,596	1,800	(204)	-11%
155610582	MAINTENANCE - 560 MAGNOLIA AVE	1,444	14,225	8,000	6,225	78%
	<b>Total District Property - 560 Magnolia</b>	<b>\$ 3,203</b>	<b>\$ 52,925</b>	<b>\$ 55,800</b>	<b>\$ (2,875)</b>	<b>-5%</b>
<b>5615 District Property - 12303 Oak Glen Rd</b>						
155615515	ELECTRIC - 12303 OAK GLEN ROAD	293	2,689	2,000	689	34%
155615582	MAINTENANCE/REPAIR - 12303 OAK GLEN ROAD	0	212	1,200	(988)	-82%
155615583	PROPANE - 12303 OAK GLEN ROAD	0	53	100	(47)	-47%
	<b>Total District Property - 12303 Oak Glen Rd</b>	<b>\$ 293</b>	<b>\$ 2,954</b>	<b>\$ 3,300</b>	<b>\$ (346)</b>	<b>-10%</b>
<b>5620 District Property JH- 13695 Oak Glen Rd</b>						
155620515	ELECTRIC - 13695 OAK GLEN ROAD	54	791	1,000	(209)	-21%
155620582	MAINTENANCE/REPAIR - 13695 OAK GLEN ROAD	0	386	500	(114)	-23%
155620583	PROPANE - 13695 OAK GLEN ROAD	0	1,325	1,400	(75)	-5%
	<b>Total District Property JH- 13695 Oak Glen Rd</b>	<b>\$ 54</b>	<b>\$ 2,502</b>	<b>\$ 2,900</b>	<b>\$ (398)</b>	<b>-14%</b>
<b>5625 District Property JB- 13697 Oak Glen Rd</b>						
155625515	ELECTRIC - 13697 OAK GLEN ROAD	184	2,106	2,000	106	5%
155625582	MAINTENANCE/REPAIR - 13697 OAK GLEN ROAD	0	484	500	(16)	-3%
155625583	PROPANE - 13697 OAK GLEN ROAD	0	1,196	2,000	(804)	-40%
	<b>Total District Property JB- 13697 Oak Glen Rd</b>	<b>\$ 184</b>	<b>\$ 3,786</b>	<b>\$ 4,500</b>	<b>\$ (714)</b>	<b>-16%</b>
<b>5630 District Property - 9781 Avenida Miravi</b>						
155630515	ELECTRIC - 9781 AVENIDA MIRAVILLA	0	1,440	1,500	(60)	-4%
155630582	MAINTENANCE/REPAIR - 9781 AVENIDA MIRAVI	0	0	1,500	(1,500)	-100%
155630583	PROPANE - 9781 AVENIDA MIRAVILLA	0	744	1,200	(456)	-38%
	<b>Total District Property - 9781 Avenida Miravi</b>	<b>\$ -</b>	<b>\$ 2,184</b>	<b>\$ 4,200</b>	<b>\$ (2,016)</b>	<b>-48%</b>
<b>5635 District Office - 815 E. 12th Street</b>						
155635515	ELECTRIC - 815 E. 12TH STREET	414	5,637	6,500	(863)	-13%
155635580	TELEPHONE - 815 E. 12TH STREET	0	717	1,000	(283)	-28%
155635581	SANITATION - 815 E. 12TH STREET	0	1,469	3,000	(1,531)	-51%
155635582	MAINTENANCE/REPAIR - 815 E. 12TH STREET	798	5,441	5,000	441	9%
	<b>Total District Office - 815 E. 12th Street</b>	<b>\$ 1,211</b>	<b>\$ 13,264</b>	<b>\$ 15,500</b>	<b>\$ (2,236)</b>	<b>-14%</b>
<b>5640 District Property - 11083 Cherry Ave</b>						
155640581	SANITATION - 11083 CHERRY AVE	236	2,562	3,200	(638)	-20%
	<b>Total District Property - 11083 Cherry Ave</b>	<b>\$ 236</b>	<b>\$ 2,562</b>	<b>\$ 3,200</b>	<b>\$ (638)</b>	<b>-20%</b>
<b>5700 Maintenance &amp; General Plant</b>						
155700271	LABOR	0	4,961	0	4,961	0%
155700281	HEALTH INSURANCE	0	1,855	0	1,855	0%
155700282	RETIREMENT/CALPERS	0	1,525	0	1,525	0%
155700283	LIFE INSURANCE	0	40	0	40	0%
155700291	SOCIAL SECURITY	0	308	0	308	0%
155700292	MEDICARE	0	72	0	72	0%
155700293	WORKER'S COMPENSATION INSURANCE	0	310	0	310	0%
155700589	AUTO/FUEL	6,662	81,196	75,000	6,196	8%
155700590	SAFETY EQUIPMENT	1,017	4,546	5,500	(954)	-17%
155700591	COMMUNICATION MAINTENANCE	0	0	2,500	(2,500)	-100%
155700592	REPAIR & MAINT OF GEN EQUIPMENT	0	1,488	15,000	(13,512)	-90%
155700593	REPAIR VEHICLES AND TOOLS	0	836	0	836	0%
155700594	LARGE EQUIPMENT MAINTENANCE	479	31,903	30,000	1,903	6%
155700596	FLEET REPAIR & MAINTENANCE	6,997	30,424	25,000	5,424	22%
155700597	MAINT GENERAL PLANT (BUILDINGS)	36	4,087	3,000	1,087	36%
155700598	LANDSCAPE MAINTENANCE	1,639	2,971	2,500	471	19%
155700601	RECHARGE FAC, CANYON & POND MAINTENANCE	710	30,273	25,000	5,273	21%
	<b>Total Maintenance &amp; General Plant</b>	<b>\$ 17,540</b>	<b>\$ 196,795</b>	<b>\$ 183,500</b>	<b>\$ 13,295</b>	<b>7%</b>
<b>5800 Engineering (in-house)</b>						
155800271	LABOR	10,882	117,939	133,900	(15,961)	-12%
155800281	HEALTH INSURANCE	1,517	12,652	18,300	(5,648)	-31%
155800282	RETIREMENT/CALPERS	3,075	27,622	37,300	(9,678)	-26%
155800283	LIFE INSURANCE	56	477	700	(223)	-32%
155800284	UNIFORMS, EMPLOYEE BENEFITS	0	27	0	27	0%
155800285	EDUCATION EXPENSE	0	0	2,500	(2,500)	-100%
155800291	SOCIAL SECURITY	675	7,312	8,300	(988)	-12%
155800292	MEDICARE	158	1,710	2,000	(290)	-14%
155800293	WORKER'S COMPENSATION	685	6,390	9,600	(3,210)	-33%
155800518	SEMINAR & TRAVEL EXPENSES	0	0	500	(500)	-100%
155800546	SOFTWARE LICENSING	0	0	4,000	(4,000)	-100%
	<b>Total Engineering (in-house)</b>	<b>\$ 17,047</b>	<b>\$ 174,129</b>	<b>\$ 217,100</b>	<b>\$ (42,971)</b>	<b>-20%</b>
<b>5810 Prof. Services - Legal &amp; Accounting</b>						
155810611	GENERAL LEGAL	53,323	152,375	150,000	2,375	2%
155810614	AUDIT	0	4,653	25,000	(20,347)	-81%
155810616	ACCOUNTING (NON AUDIT)	2,800	2,800	0	2,800	0%
	<b>Total Prof. Services - Legal &amp; Accounting</b>	<b>\$ 56,123</b>	<b>\$ 159,828</b>	<b>\$ 175,000</b>	<b>\$ (15,172)</b>	<b>-9%</b>
<b>5820 Professional Services - Engineering</b>						
155820611	GENERAL ENGINEERING	41,677	166,553	50,000	116,553	233%
155820612	DEVELOPMENT - REIMB. ENGINEERING	0	64	10,000	(9,936)	-99%
155820615	ENGINEERING - PERMITTING (REC WATER)	0	0	4,000	(4,000)	-100%
155820622	BEAUMONT BASIN WATER MASTER	0	15,161	0	15,161	0%
	<b>Total Professional Services - Engineering</b>	<b>\$ 41,677</b>	<b>\$ 181,778</b>	<b>\$ 64,000</b>	<b>\$ 117,778</b>	<b>184%</b>
<b>5901 Non Operating Expenses</b>						
155901706	Capital Asset Acquisitions	0	47,770	0	47,770	0%
155901901	PRIOR PERIOD ADJUSTMENTS	0	3,600	0	3,600	0%
	<b>Total Non Operating Expenses</b>	<b>\$ -</b>	<b>\$ 51,370</b>	<b>\$ -</b>	<b>\$ 51,370</b>	<b>0%</b>
	<b>Total Expense</b>	<b>\$ 752,988</b>	<b>\$ 8,897,846</b>	<b>\$ 10,048,400</b>	<b>\$ (1,150,554)</b>	<b>-11%</b>
	<b>SYSTEM DEPRECIATION</b>	<b>1,899,423</b>	<b>1,899,423</b>	<b>1,850,000</b>	<b>(49,423)</b>	<b>-3%</b>



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

Account Name	Account Ending #	<u>Cash Balance Per Account</u>	
		Balance	Prior Month Balance
<b>Bank Of Hemet</b>			
Accounts Payable	8701	\$ 180,367.25	\$ 13,389.58
Customer Refunds	2501	\$ 152,243.01	\$ 8,922.24
Payroll	9101	\$ 30,639.91	\$ 30,893.50
General Fund	9501	\$ 3,069,508.54	\$ 2,982,867.67
<b>Total Cash</b>		<b>\$ 3,432,758.71</b>	<b>\$ 3,036,072.99</b>

Account Name	Market Value	Prior Month Balance	<u>Investment Summary</u>			Maturity	Par Amount	Rate	Interest to Date
			Actual % of	Policy %	Limit				
Bank of Hemet: Local Agency Money Market Account	\$ 251,713.49	\$ 251,665.91	Total	5%	No Limit	Liquid	N/A	0.23	\$ 1,682.99
Ca. State Treasurer's Office: Local Agency Investment Fund	\$ 4,530,846.07	\$ 4,530,846.07		95%	No Limit	Liquid	N/A	0.34	\$ 11,281.45
<b>Total Investments</b>	<b>\$ 4,782,559.56</b>	<b>\$ 4,782,511.98</b>							<b>\$ 12,964.44</b>
<b>Total Cash &amp; Investments</b>	<b>\$ 8,215,318.27</b>	<b>\$ 7,818,584.97</b>							

The investments above are in accordance with the District's investment policy.

BCVWD will be able to meet its cash flow obligations for the next 6 months.

*Melissa Bender*  
*Melissa Bender*

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

**AP5090**
**Date :** Dec 20, 2012

**Page :** 1

**Time :** 2:16 pm

**Supplier :** A&A FENCE To ZETLMAIER  
**Pay Date :** 01-Dec-2012 To 20-Dec-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		Debit	Credit		Amount
10	CUSTOMER REFUNDS							
1399	06-Dec-2012	STMP001386	VAN BUSKIRK, DANIEL	Issued	376	C		
UBREFDEC0612	1-2-2010-200		ACCOUNTS PAYABLE		118.77			
Invoice Description:Refund on account 046-1081-002.								
					118.77	0.00		118.77
1400	06-Dec-2012	STMP001387	BURKE, JANET	Issued	376	C		
UBREFDEC0612	1-2-2010-200		ACCOUNTS PAYABLE		156.39			
Invoice Description:Refund on account 048-3815-002.								
					156.39	0.00		156.39
1401	17-Dec-2012	STMP001385	CEDENO, JUAN RAMON	Issued	386	C		
UBREFDEC0312	1-2-2010-200		ACCOUNTS PAYABLE		191.76			
Invoice Description:Refund on account 086-2650-001.								
					191.76	0.00		191.76
1402	17-Dec-2012	STMP001388	TODD OLSON TRUCKING	Issued	386	C		
UBREFDEC1112	1-2-2010-200		ACCOUNTS PAYABLE		714.52			
Invoice Description:Refund on account 098-5920-008.								
					714.52	0.00		714.52
1403	17-Dec-2012	STMP001389	YU, THOMAS	Issued	386	C		
UBREFDEC1112	1-2-2010-200		ACCOUNTS PAYABLE		183.50			
Invoice Description:Refund on account 073-0018-001.								
					183.50	0.00		183.50
1404	17-Dec-2012	STMP001390	ZOELLNER, STEVE	Issued	386	C		
UBREFDEC1112	1-2-2010-200		ACCOUNTS PAYABLE		229.82			
Invoice Description:Refund on account 048-2925-002.								
					229.82	0.00		229.82
1405	17-Dec-2012	STMP001391	JAWAID, NADIA F.	Issued	386	C		
UBREFDEC1212	1-2-2010-200		ACCOUNTS PAYABLE		111.70			
Invoice Description:Refund on account 024-0294-001.								
					111.70	0.00		111.70
1406	17-Dec-2012	STMP001392	RAMIREZ, JESSICA	Issued	386	C		
UBREFDEC1712	1-2-2010-200		ACCOUNTS PAYABLE		177.98			
Invoice Description:Refund on account 065-5040-009.								
					177.98	0.00		177.98
1407	17-Dec-2012	STMP001393	ANDERSON, MELIA	Issued	386	C		
UBREFDEC1712	1-2-2010-200		ACCOUNTS PAYABLE		81.54			
Invoice Description:Refund on account 070-0104-003.								
					81.54	0.00		81.54
1408	20-Dec-2012	STMP001394	DOMINGUEZ ALBERT	Issued	393	C		
UBREFDEC1912	1-2-2010-200		ACCOUNTS PAYABLE		18.01			

BEAUMONT-CHERRY VALLEY WATER DISTRICT

Cheque Register - Detail - Bank



AP5090

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

Bank Code	Bank Name				Status	Batch	Medium		Amount
Cheque #	Cheque Date	Supplier Code	Supplier Name				Debit	Credit	
Invoice #	Account No.		Account Description						
Invoice Description:Refund on account 069-1275-005.									
						18.01	0.00		18.01
1409	20-Dec-2012	STMP001395	PERRIS REALTY INC.		Issued	393	C		
UBREFDEC1912	1-2-2010-200		ACCOUNTS PAYABLE			40.57			
Invoice Description:Refund on account 021-0656-002.									
						40.57	0.00		40.57

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

**AP5090**
**Date :** Dec 20, 2012

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**Time :** 2:16 pm

**Supplier :** A&A FENCE To ZETLMAIER  
**Pay Date :** 01-Dec-2012 To 20-Dec-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		Debit	Credit		Amount
<b>7</b>	<b>ACCOUNTS PAYABLE</b>							
43674	10-Dec-2012	INTERNALRE	DEPARTMENT OF TREASURY	Issued	377	C		
120612	1-2-2010-200		ACCOUNTS PAYABLE		6747.76			
Invoice Description:AUDIT FINDINGS								
					6747.76	0.00		6747.76
43675	17-Dec-2012	ACCONTEMP	ACCONTEMPS	Issued	383	C		
36607041A	1-2-2010-200		ACCOUNTS PAYABLE		148.50			
Invoice Description:CREDIT ADJ								
36850039	1-2-2010-200		ACCOUNTS PAYABLE		1980.00			
Invoice Description:W/E 11/30/12 ACCOUNTANT								
					2128.50	0.00		2128.50
43676	17-Dec-2012	ACCOUNTING	ACCOUNTING PRINCIPALS INC.	Issued	383	C		
5387103	1-2-2010-200		ACCOUNTS PAYABLE		1442.40			
Invoice Description:WE 11/11/12 KATHY ACCOUNTANT								
					1442.40	0.00		1442.40
43677	17-Dec-2012	ACPROPANE	AC PROPANE	Issued	383	C		
111512	1-2-2010-200		ACCOUNTS PAYABLE		922.96			
Invoice Description:201934, 201935, 201936								
					922.96	0.00		922.96
43678	17-Dec-2012	ACTIONTRUE	ACTION TRUE VALUE HARDWARE	Issued	383	C		
40972	1-2-2010-200		ACCOUNTS PAYABLE		821.08			
Invoice Description:10/30/12**11/28/12 MISC ITEMS								
					821.08	0.00		821.08
43679	17-Dec-2012	ALSCO	ALSCO	Issued	383	C		
LYUM674408	1-2-2010-200		ACCOUNTS PAYABLE		26.25			
Invoice Description:560 MAGNOLIA								
LYUM674411	1-2-2010-200		ACCOUNTS PAYABLE		35.24			
Invoice Description:815 12TH ST								
					61.49	0.00		61.49
43680	17-Dec-2012	ARCO	ARCO BUSINESS SOLUTIONS	Issued	383	C		
121212	1-2-2010-200		ACCOUNTS PAYABLE		5465.78			
Invoice Description:HW201 11/12/12**12/11/12								
					5465.78	0.00		5465.78
43681	17-Dec-2012	B ACE HOME	BEAUMONT DO IT BEST HOME CENTER	Issued	383	C		
363981	1-2-2010-200		ACCOUNTS PAYABLE		38.31			
Invoice Description:WELL MAINT WASHERS/TAPE								
364162	1-2-2010-200		ACCOUNTS PAYABLE		58.13			
Invoice Description:PAINT MARKERS FOR ANCHOR JOBS								
364282	1-2-2010-200		ACCOUNTS PAYABLE		20.45			
Invoice Description:LOCK GATES								
364333	1-2-2010-200		ACCOUNTS PAYABLE		12.43			

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

**AP5090**
**Date :** Dec 20, 2012

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**Time :** 2:16 pm

**Supplier :** A&A FENCE To ZETLMAIER  
**Pay Date :** 01-Dec-2012 To 20-Dec-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			Debit	Credit	Amount
Invoice Description:AVAON B/O								
364383	1-2-2010-200		ACCOUNTS PAYABLE			11.62		
Invoice Description:WELL 25								
						140.94	0.00	140.94
43682	17-Dec-2012	BTIRE	BEAUMONT TIRE		Issued	383	C	
02390	1-2-2010-200		ACCOUNTS PAYABLE			1020.12		
Invoice Description:UNIT 12 MT 5 TIRES								
						1020.12	0.00	1020.12
43683	17-Dec-2012	CR&RINCORP	CR&R INC		Issued	383	C	
0066961	1-2-2010-200		ACCOUNTS PAYABLE			235.63		
Invoice Description:11083 CHERRY AVE								
						235.63	0.00	235.63
43684	17-Dec-2012	CUSTOMTROP	CUSTOM TROPHIES		Issued	383	C	
11378	1-2-2010-200		ACCOUNTS PAYABLE			46.87		
Invoice Description:NAME / OFFICE PLATES								
						46.87	0.00	46.87
43685	17-Dec-2012	CUTTING ED	CUTTING EDGE SUPPLY CO		Issued	383	C	
COLINV034151	1-2-2010-200		ACCOUNTS PAYABLE			573.45		
Invoice Description:Parts for loader								
						573.45	0.00	573.45
43686	17-Dec-2012	DEPHEALTH	DEPT OF PUBLIC HEALTH		Issued	383	C	
120612	1-2-2010-200		ACCOUNTS PAYABLE			55.00		
Invoice Description:ANTHONY COVE T1 RENEWAL								
						55.00	0.00	55.00
43687	17-Dec-2012	DICKSALLA	DICK'S ALL AUTO REPAIR INC		Issued	383	C	
8834	1-2-2010-200		ACCOUNTS PAYABLE			47.00		
Invoice Description:UNIT 2 SMOG TEST								
						47.00	0.00	47.00
43688	17-Dec-2012	EDISON	SOUTHERN CALIFORNIA EDISON		Issued	383	C	
0783/11/12	1-2-2010-200		ACCOUNTS PAYABLE			67.74		
Invoice Description:2-03-395-0783								
4889/1112	1-2-2010-200		ACCOUNTS PAYABLE			90838.41		
Invoice Description:2039374889								
						90906.15	0.00	90906.15
43689	17-Dec-2012	ESBABCOCK	ES BABCOCK		Issued	383	C	
BK22443-0034	1-2-2010-200		ACCOUNTS PAYABLE			480.00		
Invoice Description:12 WATER SAMPLES								
BL20335-0034	1-2-2010-200		ACCOUNTS PAYABLE			480.00		
Invoice Description:12 WATER SAMPLES								
						960.00	0.00	960.00



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

**AP5090**
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**Bank :** 1 To 9

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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		Debit	Credit	Amount	
43690	17-Dec-2012	FREEMANOFF	FREEMAN OFFICE PRODUCTS	Issued	383	C		
498318-0	1-2-2010-200		ACCOUNTS PAYABLE		1616.22			
Invoice Description:HP COLOR DURMS								
					1616.22	0.00	1616.22	
43691	17-Dec-2012	GASCO	THE GAS COMPANY	Issued	383	C		
5000/1112	1-2-2010-200		ACCOUNTS PAYABLE		16.77			
Invoice Description:071 321 3500 0								
					16.77	0.00	16.77	
43692	17-Dec-2012	HOMEDPOT	HOME DEPOT CREDIT SERVICES	Issued	383	C		
6184/1112	1-2-2010-200		ACCOUNTS PAYABLE		578.23			
Invoice Description:6035322014946184								
					578.23	0.00	578.23	
43693	17-Dec-2012	INLANDWATE	INLAND WATER WORKS	Issued	383	C		
247554	1-2-2010-200		ACCOUNTS PAYABLE		5974.48			
Invoice Description:Parts								
					5974.48	0.00	5974.48	
43694	17-Dec-2012	MCCROMETER	MCCROMETER INC	Issued	383	C		
407178 RI	1-2-2010-200		ACCOUNTS PAYABLE		110.00			
Invoice Description:Have a meter tested and cert.								
					110.00	0.00	110.00	
43695	17-Dec-2012	MIKEMCGEOR	MIKE MCGEORGE GOPHER CONTROL	Issued	383	C		
25611	1-2-2010-200		ACCOUNTS PAYABLE		400.00			
Invoice Description:WEEKLY GOPHER SERVICE								
					400.00	0.00	400.00	
43696	17-Dec-2012	NAPAAUTOPA	NAPA AUTO PARTS	Issued	383	C		
786641	1-2-2010-200		ACCOUNTS PAYABLE		235.95			
Invoice Description:D-5 REPLACEMENT BATTERYS								
787767	1-2-2010-200		ACCOUNTS PAYABLE		6.99			
Invoice Description:UNIT 16 WIPER BLADES								
					242.94	0.00	242.94	
43697	17-Dec-2012	ONLINE INF	ONLINE INFORMATION SERVICES	Issued	383	C		
458024	1-2-2010-200		ACCOUNTS PAYABLE		372.90			
Invoice Description:127 UTILITY CKS								
					372.90	0.00	372.90	
43698	17-Dec-2012	PACIFICALA	PACIFIC ALARM	Issued	383	C		
R115661	1-2-2010-200		ACCOUNTS PAYABLE		233.00			
Invoice Description:DECEMBER								
					233.00	0.00	233.00	
43699	17-Dec-2012	PRESTIGEMO	PRESTIGE MOBILE DETAIL	Issued	383	C		

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

**AP5090**
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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				Status	Batch		Medium	Amount
Cheque #	Cheque Date	Supplier Code	Supplier Name			Debit	Credit		
Invoice #		Account No.	Account Description						
120712		1-2-2010-200	ACCOUNTS PAYABLE			192.00			
Invoice Description: 12,16,18,22,13,5,10,11,15,19, F350, KENWORTH									
						192.00	0.00		192.00
43700	17-Dec-2012	PUMPSOLUTI	PUMP SOLUTIONS INC.	Issued		383	C		
209118		1-2-2010-200	ACCOUNTS PAYABLE			472.72			
Invoice Description: Blue Air pump									
						472.72	0.00		472.72
43701	17-Dec-2012	RIOSTONE	RIO STONE BUILDING MATERIALS	Issued		383	C		
10734		1-2-2010-200	ACCOUNTS PAYABLE			150.85			
Invoice Description: 1yard concrete									
						150.85	0.00		150.85
43702	17-Dec-2012	SAFEGUARD	SAFEGUARD	Issued		383	C		
028382641		1-2-2010-200	ACCOUNTS PAYABLE			2310.23			
Invoice Description: BILLING STATMENTS, ENVELOPES									
						2310.23	0.00		2310.23
43703	17-Dec-2012	SGPWA	SAN GORGONIO PASS WATER AGENCY	Issued		383	C		
12-00034		1-2-2010-200	ACCOUNTS PAYABLE			228874.00			
Invoice Description: NOV 722 AF									
						228874.00	0.00		228874.00
43704	17-Dec-2012	STAPLES	STAPLES ADVANTAGE	Issued		383	C		
8023784988		1-2-2010-200	ACCOUNTS PAYABLE			255.72			
Invoice Description: SUPPLIES									
						255.72	0.00		255.72
43705	17-Dec-2012	UNDERGROUN	UNDERGROUND SERVICE ALERT	Issued		383	C		
1120120042		1-2-2010-200	ACCOUNTS PAYABLE			124.50			
Invoice Description: 83 NEW TICKETS									
						124.50	0.00		124.50
43706	17-Dec-2012	UNLIMITEDS	UNLIMITED SERVICES BUILDING MAINTENANCE	Issued		383	C		
0194011-IN		1-2-2010-200	ACCOUNTS PAYABLE			150.00			
Invoice Description: DEC 815 12TH									
0194012-IN		1-2-2010-200	ACCOUNTS PAYABLE			845.00			
Invoice Description: DEC 560 MAGNOLIA									
						995.00	0.00		995.00
43707	17-Dec-2012	VERIZON	VERIZON	Issued		383	C		
01591112		1-2-2010-200	ACCOUNTS PAYABLE			118.80			
Invoice Description: 012569112623536010									
1549/1112		1-2-2010-200	ACCOUNTS PAYABLE			39.71			
Invoice Description: 012569112653955509									
9781/1112		1-2-2010-200	ACCOUNTS PAYABLE			134.99			
Invoice Description: 1144739781									

**BEAUMONT-CHERRY VALLEY WATER DISTRICT**
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**Bank :** 1 To 9

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**Medium :** M=Manual C=Computer E=EFT-PA

Bank Code	Bank Name				Status	Batch		Medium	Amount
Cheque #	Cheque Date	Supplier Code	Supplier Name			Debit	Credit		
Invoice #	Account No.		Account Description						
						293.50	0.00		293.50
43708	17-Dec-2012	VERIZONIP	VERIZON BUSINESS	Issued			383 C		
6000066138121	1-2-2010-200		ACCOUNTS PAYABLE			2214.52			
Invoice Description:6000066138 X26									
						2214.52	0.00		2214.52
43709	17-Dec-2012	WASTEMANAG	WASTE MANAGEMENT OF INLAND EMPIRE	Issued			383 C		
0887495-2371-3	1-2-2010-200		ACCOUNTS PAYABLE			249.42			
Invoice Description:815 12TH ST									
0887496-2371-1	1-2-2010-200		ACCOUNTS PAYABLE			125.00			
Invoice Description:560 MAGNOLIA									
						374.42	0.00		374.42
43710	17-Dec-2012	WELLSFARGO	WELLS FARGO REMITTANCE CENTER	Issued			383 C		
8028/1205	1-2-2010-200		ACCOUNTS PAYABLE			136.10			
Invoice Description:5569191000008028									
						136.10	0.00		136.10
43711	17-Dec-2012	XEROX	XEROX CORPORATION	Issued			383 C		
065281176	1-2-2010-200		ACCOUNTS PAYABLE			1121.10			
Invoice Description:NOVEMBER									
						1121.10	0.00		1121.10
43712	20-Dec-2012	RIVERSIDEC	RIVERSIDE COUNTY RECORDER	Issued			394 C		
122012	1-2-2010-200		ACCOUNTS PAYABLE			195.00			
Invoice Description:15 LIEN RELEASE FEES									
						195.00	0.00		195.00
43713	20-Dec-2012	SCHULTZKRI	SCHULTZ, KRISTEN	Issued			394 C		
122012	1-2-2010-200		ACCOUNTS PAYABLE			220.00			
Invoice Description:22 NOTARY LIENS									
						220.00	0.00		220.00

## BEAUMONT-CHERRY VALLEY WATER DISTRICT

## Cheque Register - Detail - Bank



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Page : 8

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Bank Code	Bank Name							
Cheque #	Cheque Date	Supplier Code	Supplier Name	Status	Batch	Medium		
Invoice #	Account No.		Account Description		Debit	Credit	Amount	
<b>8</b>	<b>PAYROLL</b>							
12627	06-Dec-2012	AFLAC	AFLAC	Issued	375	C		
281246	1-2-2010-200		ACCOUNTS PAYABLE		823.12			
Invoice Description:MQ441								
					823.12	0.00	823.12	
12628	06-Dec-2012	CALPERSRET	CALPERS RETIREMENT SYSTEM	Issued	375	C		
120612	1-2-2010-200		ACCOUNTS PAYABLE		5094.51			
Invoice Description:3169502332 11/18-12/1								
					5094.51	0.00	5094.51	
12629	06-Dec-2012			Issued	375	C		
120612	1-2-2010-200		ACCOUNTS PAYABLE		575.54			
Invoice Description:								
					575.54	0.00	575.54	
12630	06-Dec-2012	CASTATEDIS	CA STATE DISBURSEMENT UNIT	Issued	375	C		
120612	1-2-2010-200		ACCOUNTS PAYABLE		191.53			
Invoice Description:								
120612	1-2-2010-200		ACCOUNTS PAYABLE		360.57			
Invoice Description:								
					552.10	0.00	552.10	
12631	06-Dec-2012	EDD	EDD STATE OF CALIFORNIA	Issued	375	C		
120612	1-2-2010-200		ACCOUNTS PAYABLE		5915.02			
Invoice Description:92502491								
					5915.02	0.00	5915.02	
12632	06-Dec-2012	METLIFESBC	METLIFE - GROUP BENEFITS	Issued	375	C		
111512	1-2-2010-200		ACCOUNTS PAYABLE		251.10			
Invoice Description:KMO057540340002								
					251.10	0.00	251.10	
12633	06-Dec-2012	STANDARDIN	STANDARD INSURANCE COMPANY RB	Issued	375	C		
111912	1-2-2010-200		ACCOUNTS PAYABLE		855.58			
Invoice Description:006107630001								
					855.58	0.00	855.58	
12642	20-Dec-2012	CALPERSRET	CALPERS RETIREMENT SYSTEM	Issued	395	C		
122012	1-2-2010-200		ACCOUNTS PAYABLE		5094.51			
Invoice Description:3169502332								
					5094.51	0.00	5094.51	
12643	20-Dec-2012			Issued	395	C		
122012	1-2-2010-200		ACCOUNTS PAYABLE		575.54			
Invoice Description:								
					575.54	0.00	575.54	

**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			Debit	Credit	Amount		
12644	20-Dec-2012	CASTATEDIS	CA STATE DISBURSEMENT UNIT	Issued		395 C			
122012		1-2-2010-200	ACCOUNTS PAYABLE		191.53				
Invoice Description:									
122012		1-2-2010-200	ACCOUNTS PAYABLE		360.57				
Invoice Description:									
					552.10	0.00	552.10		
12645	20-Dec-2012	EDD	EDD STATE OF CALIFORNIA	Issued		395 C			
122012		1-2-2010-200	ACCOUNTS PAYABLE		2006.78				
Invoice Description:925 0249 1									
					2006.78	0.00	2006.78		
12646	20-Dec-2012	LEGALSHIEL	LEGAL SHIELD	Issued		395 C			
121512		1-2-2010-200	ACCOUNTS PAYABLE		254.05				
Invoice Description:0101129									
					254.05	0.00	254.05		
12647	20-Dec-2012	METLIFESBC	METLIFE - GROUP BENEFITS	Issued		395 C			
121012		1-2-2010-200	ACCOUNTS PAYABLE		251.10				
Invoice Description:KM05754035 0002									
					251.10	0.00	251.10		
12648	20-Dec-2012	WESTERNDEN	WESTERN DENTAL SERVICES INC	Issued		395 C			
3811		1-2-2010-200	ACCOUNTS PAYABLE		146.68				
Invoice Description:DECEMBER DENTAL									
					146.68	0.00	146.68		
00040-0001	07-Dec-2012	ING	ING LIFE INSURANCE	Issued		373 E			
ING - 30646		1-2-2010-200	ACCOUNTS PAYABLE		485.00				
					485.00	0.00	485.00		
00040-0002	07-Dec-2012	IRS	U.S. TREASURY	Issued		373 E			
IRS - 30647		1-2-2010-200	ACCOUNTS PAYABLE		25712.69				
					25712.69	0.00	25712.69		
Total Computer Paid :		384,021.62		Total EFT - PAP Paid :		26,197.69		Total Paid : 410,219.31	
Total Manually Paid :		0.00		Total EFT - File Paid :		0.00			



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9<sup>th</sup>, 2013**

**DATE:** December 26<sup>th</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 \$35,355.37.

**Background**

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

**Fiscal Impact**

There is a \$35,355.37 impact to the District.

**Attachments:**

- Parsons Invoice#1212A143
- Richards Watson Gershon Invoice #187252
- Richards Watson Gershon Invoice # 187253
- Charles Z. Fedak Invoice for Audit Services (November)
- Charles Z. Fedak Invoice for Audit Services (December)

**MEMORANDUM**

December 7, 2012

**TO:** Eric Fraser, General Manager  
**FROM:** Steve Gratwick, Parsons  
**SUBJECT:** Work During Billing Period: 10/27/12 through 11/30/12  
Invoice No. 1212A134

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---

During this past billing period we performed the following tasks:

Task 01000 – General:

- Administration; .....\$290.00

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

- Revise annexation legal map and description; .....\$170.00

Task 10006 – Recharge Facility, Phase II:

- Prepare final electrical, instrumentation, and structural construction plans; .....\$13,675.00

TOTAL	<hr/> \$14,135.00
-------	-------------------

# PARSONS

ORIGINAL

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  
DECEMBER 07, 2012

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

92223-2037

ATTN: MR. ERIC FRASER, GENERAL MANAGER

CLIENT REF. : CONTRACT 8/31/81  
INVOICE NO. : 1212A134  
PROJECT NO. : 723185-W  
CLIENT NO. : 72192

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

91189-1094

FOR: BEAUMONT-CHERRY VALLEY ENGINEER

BILLING PERIOD: 10/27/12 THROUGH 11/30/12

PROFESSIONAL SERVICES  
Labor Costs:

HOURS	CURRENT PERIOD THROUGH 11/30/12
95.2	14,135.00
	-----
	14,135.00
	=====

TOTAL THIS INVOICE:





# I N V O I C E

NET 45 DAYS  
DECEMBER 07, 2012

CLIENT REF.: CONTRACT 8/31/81  
INVOICE NO.: 1212A134  
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: 10/27/12 THROUGH: 11/30/12

	CUR. HOURS -----	CURRENT PERIOD THROUGH 11/30/12 -----
WBS 01000 General		
PROFESSIONAL SERVICES		
Labor Costs:	3.20	460.00
WBS 10006 Recharge Facilities Phase 2		
PROFESSIONAL SERVICES		
Labor Costs:	92.00	13,675.00
TOTAL THIS INVOICE:	=====	=====
	95.20	14,135.00
	=====	=====

DETAIL OF PROFESSIONAL SERVICES  
FOR THE PERIOD ENDING 11/30/12

PAGE: 1

CLIENT REF.: CONTRACT 8/31/81  
INVOICE NO.: 1212A134  
PROJECT NO.: 723185-W  
CLIENT NO.: 72192  
FORMAT NAME: SBLRLBR10C

EMPLOYEE CLASSIFICATION	EMPLOYEE NAME	ADJ. DATE	RATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS
01000 GENERAL	PE1000100					
PROJECT MANAGER/TECH DIRECTOR	STEPHEN GRATWICK JR.		170.0000	2.00		2.00
SENIOR SPECIALIST I	CATHERINE M MCCASLAND		100.0000	1.20		1.20
ITEM TOTALS				3.20		3.20
10006 Recharge Facilities Phase 2						
ENGINEER, ASSOCIATE	DAVID MURADYAN		85.0000	2.00		2.00
PROJECT MANAGER/TECH DIRECTOR	STEPHEN GRATWICK JR.		170.0000	15.00		15.00
ENGINEER, PRINCIPAL	RALUCA F CONSTANTINESCU		170.0000	23.00		23.00
SCIENTIST, PRINCIPAL	MOISES C ALEMAN		155.0000	19.00		19.00
SCIENTIST, PRINCIPAL	MOISES C ALEMAN	11/09/12	155.0000	12.00		12.00
ENGINEER, SENIOR	IRENE S SHIU		120.0000	7.00		7.00
ENGINEER	AKI SHAW		100.0000	14.00		14.00
ITEM TOTALS				92.00		92.00
TOTAL LABOR HOURS				95.20		95.20

DETAIL OF PROFESSIONAL SERVICES  
FOR THE PERIOD ENDING 11/30/12

PAGE: 1

CLIENT REF.: CONTRACT 8/31/81  
INVOICE NO.: 1212A134  
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
<hr/>							
01000	GENERAL	PE1000100					
11/02/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	2.00	340.00	
11/02/12	CATHERINE M MCCASLAND	SENIOR SPECIALIST I		100.0000	1.20	120.00	
	ITEM TOTALS				3.20	460.00	
10006	Recharge Facilities Phase 2						
10/19/12	RALUCA F CONSTANTINESCU	ENGINEER, PRINCIPAL		170.0000	20.00	3,400.00	
11/02/12	MOISES C ALEMAN	SCIENTIST, PRINCIPAL		155.0000	16.00	2,480.00	
11/09/12	DAVID MURADYAN	ENGINEER, ASSOCIATE		85.0000	2.00	170.00	
11/09/12	IRENE S SHIU	ENGINEER, SENIOR		120.0000	7.00	840.00	
11/16/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	6.00	1,020.00	
11/16/12	RALUCA F CONSTANTINESCU	ENGINEER, PRINCIPAL		170.0000	3.00	510.00	
11/16/12	MOISES C ALEMAN	SCIENTIST, PRINCIPAL	11/09/12	155.0000	12.00	1,860.00	
11/16/12	AKI SHAW	ENGINEER		100.0000	8.00	800.00	
11/23/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	5.00	850.00	
11/23/12	AKI SHAW	ENGINEER		100.0000	4.00	400.00	
11/30/12	STEPHEN GRATWICK JR.	PROJECT MANAGER/TECH DI		170.0000	4.00	680.00	
11/30/12	MOISES C ALEMAN	SCIENTIST, PRINCIPAL		155.0000	3.00	465.00	
11/30/12	AKI SHAW	ENGINEER		100.0000	2.00	200.00	
	ITEM TOTALS				92.00	13,675.00	
	GRAND TOTALS				95.20	14,135.00	



**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

December 19, 2012  
Invoice # 187252

Re: 12788-0001 GENERAL COUNSEL SERVICES

---

---

Current Legal Fees .....	\$4,702.50
Current Client Costs Advanced .....	<u>\$149.85</u>
<b>TOTAL CURRENT FEES AND COSTS.....</b>	<b><u>\$4,852.35</u></b>
 Balance Due From Previous Statement.....	 \$10,520.04
<b>TOTAL BALANCE DUE FOR THIS MATTER.....</b>	<b><u>\$15,372.39</u></b>

**TERMS: PAYMENT DUE UPON RECEIPT**

**PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE**

LOS ANGELES | ORANGE COUNTY | SAN FRANCISCO | TEMECULA



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

December 19, 2012  
Invoice # 187253

Re: 12788-0002 [REDACTED]

---

---

Current Legal Fees .....	\$1,265.00
Current Client Costs Advanced .....	<u>\$69.02</u>
<b>TOTAL CURRENT FEES AND COSTS.....</b>	<b><u>\$1,334.02</u></b>
Balance Due From Previous Statement.....	\$3,674.70
<b>TOTAL BALANCE DUE FOR THIS MATTER.....</b>	<b><u>\$5,008.72</u></b>

**TERMS: PAYMENT DUE UPON RECEIPT**

**PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE**

LOS ANGELES | ORANGE COUNTY | SAN FRANCISCO | TEMECULA



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)

November 30, 2012

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

Professional services rendered during the month of November 2012:

Progress billing on audit of financial statements  
of the District for the year ended December 31,  
2012.

\$ 12,530.00

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

585.00

**Total Amount Due**

**\$ 13,115.00**

Breakdown of the above billing:

Principal	4.00 Hrs @ 185.00	\$ 740.00
Manager	42.00 Hrs @ 165.00	6,930.00
Staff	36.00 Hrs @ 135.00	<u>4,860.00</u>
Subtotal		<u>\$ 12,530.00</u>

Breakdown of Out-of-pocket expenses:

Mileage – All Staff	798 @ .555	\$ 443.00
Copies	712 @ .20	<u>142.00</u>
		<u>\$ 585.00</u>

**Due and Payable Upon Receipt**



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Christopher J. Brown, CPA

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December 21, 2012

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

Professional services rendered during the month of December 2012:

Final billing on audit of financial statements of  
the District for the year ended December 31,  
2012.

\$ 1,670.00

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

249.00

**Total Amount Due**

**\$ 1,919.00**

Breakdown of the above billing:

Principal	6.00 Hrs @ 185.00	\$ 1,110.00
Manager	1.75 Hrs @ 165.00	290.00
Staff	2.00 Hrs @ 135.00	270.00
Subtotal		<u>\$ 1,670.00</u>

Breakdown of Out-of-pocket expenses:

Mileage – All Staff	0 @ .555	\$ 0.00
Copies	1,242 @ .20	<u>249.00</u>
		<u>\$ 249.00</u>

**Due and Payable Upon Receipt**



**BEAUMONT-CHERRY VALLEY WATER DISTRICT  
MINUTES OF THE  
SPECIAL MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, December 12<sup>th</sup>, 2012**

---

**Call to Order, President Ball**

President Ball began the meeting at 6:30 p.m.

**Roll Call**

Present at the meeting were President Ball, Directors Guldseth, Ross, Slawson and Woll. Legal Counsel: James Markman. District staff: General Manager: Eric Fraser, Director of Engineering: Dan Jaggars, Director of Finance and Administrative Services: Melissa Bender, and Dawn Jorge, Senior Finance & Administrative Analyst.

**Public Input**

No public input was presented at this time.

**ACTION ITEMS**

**1. Recess to Closed Session**

President Ball recessed the meeting to Closed Session at 6:31 p.m.

Conference with legal counsel regarding potential litigation (Number of cases unknown) pursuant to Government Code 54956.9.

President Ball reconvened the meeting to Open Session at 7:18 pm.

**2. Adjournment**

President Ball transitioned the Special Meeting over to the Regular meeting at 7:18 p.m.

Attest:

---

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

---

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





**BEAUMONT-CHERRY VALLEY WATER DISTRICT  
MINUTES OF THE  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Wednesday, December 12<sup>th</sup>, 2012**

---

**Swearing-in of new Directors Ross, Slawson & Woll**

Dawn Jorge swore-in new Directors Ross, Slawson & Woll.

**Call to Order, President Ball**

President Ball began the meeting at 7:22 p.m.

**Pledge of Allegiance, President Ball**

President Ball led the pledge.

**Invocation, Director Woll**

Director Woll led the invocation.

**Roll Call**

Present at the meeting were President Ball, Directors Guldseth, Ross, Slawson and Woll. Legal Counsel: James Markman. District staff: General Manager: Eric Fraser, Director of Engineering: Dan Jaggars, Director of Finance and Administrative Services: Melissa Bender, and Dawn Jorge, Senior Finance and Administrative Analyst. Public that registered their attendance were Ron Duncan, John M. Halliwill, Patsy Reely, Minnie Birchard and Lee Birchard.

**Reorganization of the Board of Directors (page 4)**

**• Nomination and Election of the President**

Director Guldseth nominated Director Woll for President. Director Ball seconded the motion. Director Ross nominated Director Ball for President. There was no second on the motion. The motion to approve Director Woll for President passed 5-0.

**• Nomination and Election of the Vice President**

Director Ball nominated Director Ross for Vice President. Director Guldseth seconded the motion. The motion to approve Director Ross for Vice President passed 5-0.

**• Nomination and Election of District Treasurer**

Director Ball nominated Director Guldseth for District Treasurer. Director Woll seconded the motion. The motion to approve Director Guldseth for District Treasurer passed 5-0.

- **Nomination and Election of District Secretary**

Director Guldseth nominated Director Ball for District Secretary. The motion was seconded by Director Ross. The motion to approve Director Ball for District Secretary passed 5-0.

President Ball then transitioned meeting to newly elected President Woll.

- **Appointment of the Personnel Committee**

President Woll tabled appointments to the Personnel Committee to the next meeting.

- **Appointment of the Finance & Audit Committee**

President Woll appointed Director Guldseth and Director Ross to the Finance & Audit Committee.

- **Appointment of the Recording Secretary**

President Woll appointed the Senior Finance & Administrative Services Analyst as Recording Secretary, with the Director of Finance & Administrative Services serving as the alternate.

## **Public Input**

No public input was presented at this time.

## **ACTION ITEMS**

### **1. Adoption of the Agenda (pages 1-3)**

General Manager, Eric Fraser, stated that there were no changes to the agenda. Motion by Director Ball to approve the agenda, seconded by Director Guldseth, passed 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.

- a. October 2012 Budget Variance Report Review\*\* (pages 5-9)
- b. October 31<sup>st</sup>, 2012 Cash/Investment Balance Report\*\* (page 10)
- c. November 2012 Cheque Register Review\*\* (pages 11-29)
- d. November 2012 Invoices Pending Approval\*\* (pages 30-37)
- e. Minutes of the Regular Meeting of November 14<sup>th</sup>, 2012\*\* (pages 38-41)

Director Ross motioned to approve the consent calendar, except for item e, Director Guldseth seconded the motion, passed 5-0.

Regarding 2e, Director Ball stated that on page 40, item 6, the description should be changed to "West of Hannon Road/East of Interstate 10 Freeway". Motion by

Director Ball to approve the minutes as amended, seconded by Director Ross, passed 5-0.

**3. Consideration of Resolution 2012-10: A Resolution of the Board of Directors of the Beaumont-Cherry Valley Water District commending Director Halliwill for his time of dedicated services as a Director** (pages 42-43)

President Woll motioned to approve Resolution 2012-10, seconded by Director Ball, passed 5-0.

**4. Consideration of Request for Use of Property to Construct Commercial Broadcast Tower at the Noble Creek Recharge Facility** (pages 44-45)

General Manager Fraser indicated that this was brought to the Board at the last meeting, but that the requestor didn't feel that they had an opportunity to present their request to the Board, and thus it is being presented to the Board for consideration again.

Director Ball motioned to table the item to the January meeting, seconded by Director Guldseth, passed 5-0.

**5. Consideration of Annexation of Parcels for Hidden Canyon II Development (Located South of State Route 60/East of Potrero Road)** (pages 46-49)

General Manager Fraser provided an overview of a request for annexation to the District.

**Public Comment on Item:** Judy Bingham provided the Board with a copy of a Project Sheet from the Southern California Association of Governments for a City of Beaumont freeway project she feels is associated with this request for annexation.

**Public Comment on Item:** Ross Gellar with Applied Planning, the applicant, stated that he was requesting annexation to the District, at the same time it is requesting to annex to the City of Beaumont. The application to the District is based on concept development plans that are in accordance with a specific plan approved by the City of Beaumont.

After discussion, motion by Director Guldseth to table this item until the April 2013 meeting when the Urban Water Management Plan was expected to be completed, seconded by Director Ross, passed 5-0.

**6. Reports For Discussion**

a. Ad Hoc Committees

No reports were made.

b. General Manager

General Manger Fraser updated the Board with a summary of activities over the last year since a significant change in staff was approved by the Board.

c. Directors Reports

Director Ball attended the City of Beaumont's 100<sup>th</sup> Birthday Celebration and presented them with a plaque (Resolution 2012-09) from the District. Director Ball has also been attending the San Gorgonio Pass Water Agency meetings and updated the Board on some of their actions.

d. Legal Counsel Report

Legal Counsel Mr. Markman reported that there was no reportable action for the closed session special meeting held earlier that evening.

## 7. Announcements

- 2013 Budget workshop, December 20<sup>th</sup>, 2012 at 7:00 p.m.
- District Office will be closed December 25<sup>th</sup>, 2012 in observance of Christmas
- District Office will be closed January 1<sup>st</sup>, 2013 in observance of New Year's
- Finance & Audit Committee meeting, January 3<sup>rd</sup>, 2013 at 3:00 p.m.
- Regular Board meeting, January 9<sup>th</sup>, 2013 at 7:00 p.m.

President Woll made the announcements above.

## 8. Action List for Future Meetings

- Item #4, Consideration of Request for Use of Property to Construct Commercial Broadcast Tower at the Noble Creek Recharge Facility, was tabled until the January 2013 meeting.
- Item #5, Consideration of Annexation of Parcels for Hidden Canyon II Development (Located South of State Route 60/East of Potrero Road), was tabled until the April 2013 meeting.
- The Appointment to the Personnel Committee was table until the January 2013 meeting.
- Appointment of the Collaborative Agency Committee.
- Appointment of a Board member to attend the San Gorgonio Pass Water Agency meetings.
- Calendar item to approve reimbursement to Director Ball for his attendance to the City of Beaumont's 100<sup>th</sup> Anniversary Gala.
- Calendar item to approve the Allocation Plan.

**Public Comment:** John Halliwill thanked the Board for appointing him to the Board and allowing him to serve.

## 9. Adjournment

President Woll adjourned the meeting at 9:00 p.m.

Attest:

---

President Ryan Woll, President of the  
Board of Directors of the  
Beaumont-Cherry Valley Water District

---

Director Blair Ball, Secretary to the  
Board of Directors of the  
Beaumont-Cherry Valley Water District

\*\* Information included in the agenda packet



**BEAUMONT-CHERRY VALLEY WATER DISTRICT  
MINUTES OF THE  
SPECIAL MEETING OF THE BOARD OF DIRECTORS  
560 Magnolia Avenue, Beaumont, CA 92223  
Thursday, December 20<sup>th</sup>, 2012**

---

**Call to Order, President Woll**

President Woll began the meeting at 7:03 p.m.

**Pledge of Allegiance, Director Ross**

Director Ross led the pledge.

**Invocation, Director Guldseth**

Director Guldseth led the invocation.

**Roll Call**

Present at the meeting were President Woll, Directors Ball, Guldseth, Ross, and Slawson. District staff: General Manager: Eric Fraser, Director of Engineering: Dan Jagers, Director of Finance and Administrative Services: Melissa Bender, and Dawn Jorge, Senior Finance & Administrative Analyst.

**Public Input**

No public input was presented at this time.

**ACTION ITEMS**

**1. Budget Workshop**

Consideration of the 2013 Budget, Resolution and Supporting Documents\*\*

General Manager Fraser gave a presentation regarding the 2013 Budget.

**Public Comment:** John Halliwill stated that the budget for Seminar & Travel expenses for Finance & Administrative Services increased significantly, however the other Departments do not see the same increase and training should be offered to everyone. Mr. Halliwill also stated that he feels the amounts for items budgeted under the Board of Directors should be reviewed. In addition, Mr. Halliwill asked where the costs for serving the Watermaster can be seen and why they are not separated, as is done with capital projects' labor.

After the presentation, the Board reviewed the proposed budget page by page. Director Ross motioned to approve Resolution 2012-11 approving the Budget while amending the Board of Directors' Seminar & Travel Expenses to \$5,000. The motion to approve Resolution 2012-11 was seconded by Direct Guldseth and was approved 5-0.

**2. Adjournment**

President Woll adjourned the Special Meeting at 9:20 p.m.

Attest:

---

President Ryan Woll, President of the  
Board of Directors of the  
Beaumont-Cherry Valley Water District

---

Director Blair Ball, Secretary to the  
Board of Directors of the  
Beaumont-Cherry Valley Water District



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9<sup>th</sup>, 2013**

**DATE:** December 24<sup>th</sup>, 2012

**TO:** Board of Directors

**FROM:** Eric Fraser, General Manager

**SUBJECT:** Receive and accept the Annual Financial Report for years ended December 31, 2011 and 2010

---

**Recommendation**

It is recommended the Board of Directors receive and accept the Annual Financial Report for years ended December 31, 2011 and 2010.

**Background**

On February 10<sup>th</sup>, 2010, the Board of Directors authorized a three-year contract with Charles Fedak & Co. for professional auditing services for the fiscal years ending December 31, 2009, 2010 and 2011. These services included an audit of the District's financial statements and preparation of the State Controller's Report. The State Controller's Report was prepared and submitted to the State as required.

The financial statements have been prepared for the periods ending December 31, 2011 and 2010. An opinion has been expressed by Charles Fedak & Co. which states the Beaumont-Cherry Valley Water District's financial statements:

*"the basic financial statements referred to above present fairly, in all material respects, the respective financial position of the Beaumont-Cherry Valley Water District as of December 31, 2011 and 2010, and the respective changes in net assets and cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America."*

The Annual Financial Report for years ended December 31, 2011 and 2010 is attached. In 2011, net assets decreased by \$2,413,510 which includes a prior period adjustment that decreased net assets in the amount of \$1,903,868. In 2010, net assets increased by \$66,849 which includes a prior period adjustment that decreased net assets in the amount of \$1,253,507. A closer examination of the sources of changes in net assets reveals that: In 2011, the District's net assets decreased 2.26% or \$2,413,510 due primarily to recording of District liabilities of \$1,116,033 for post-employment health benefits and \$1,426,500 for the CalPERS Side Fund liability. In 2010, the District's net assets increased 0.06% or \$66,849 due primarily to previously unrecorded receivables and a significant increase in capital contributions, offset by the issuance of new debt.



Staff noted that the recording of liabilities for post-employment health benefits required by GASB 45 was originally mandatory for fiscal years beginning after December 15, 2008. Charles Fedak & Co. failed to identify or bring to the District's attention the GASB 45 requirement for the annual reports for the years ending December 31, 2009 and 2010.

### **Fiscal Impact**

There is no fiscal impact associated with the receipt and acceptance the Annual Financial Report for years ended December 31, 2011 and 2010.

Report prepared by: Melissa Bender, Director of Finance & Administrative Services





**Beaumont-Cherry Valley Water District**  
**Annual Financial Report**  
**December 31, 2011 and 2010**





### **Board of Directors as of December 31, 2011**

<b>Name</b>	<b>Title</b>	<b>Division</b>	<b>Current Term</b>
Dr. Blair Ball	President	5	12/2010-12/2014
Ryan Woll	Vice-President	1	12/2008-12/2012
John Guldseth	Treasurer	4	12/2010-12/2014
Ken Ross	Secretary	2	12/2008-12/2012
John Halliwill	Director	3	9/2011-12/2012

**Eric Fraser, P.E. – General Manager  
Beaumont-Cherry Valley Water District  
560 Magnolia Avenue  
Beaumont, California 92223-2258  
(951) 845-9581 – [www.bcvwd.org](http://www.bcvwd.org)**

**Beaumont-Cherry Valley Water District**  
**Annual Financial Report**  
**For the Years Ended December 31, 2011 and 2010**

**Beaumont-Cherry Valley Water District  
Annual Financial Report  
For the Years Ended December 31, 2011 and 2010**

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## **Financial Section**





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

# Charles Z. Fedak & Company

Certified Public Accountants  
An Accountancy Corporation

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## Independent Auditor's Report

Board of Directors  
Beaumont-Cherry Valley Water District  
Beaumont, California

We have audited the accompanying financial statements of the Beaumont-Cherry Valley Water District (District) as of and for the years ended December 31, 2011 and 2010, which collectively comprise the District's basic financial statements as listed in the table of contents. These basic financial statements are the responsibility of the District's management. Our responsibility is to express an opinion on these basic financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the State Controller's Minimum Audit Requirements for California Special Districts. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the basic financial statements are free of material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the basic financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall basic financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the respective financial position of the Beaumont-Cherry Valley Water District as of December 31, 2011 and 2010, and the respective changes in net assets and cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued a report dated December 10, 2012, on our consideration of the District's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be read in conjunction with this report in considering the results of our audit. This report can be found on page 28.

Accounting principles generally accepted in the United States of America requires that the management's discussion and analysis on pages 3 through 6 and the required supplemental information on page 27 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context.

### **Independent Auditor's Report, continued**

We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

*Charles Z. Fedak & Company CPAs - An Accountancy Corporation*

**Charles Z. Fedak & Company, CPA's – An Accountancy Corporation**  
Cypress, California  
December 10, 2012



**Beaumont-Cherry Valley Water District**  
***Management's Discussion and Analysis***  
**For the Years Ended December 31, 2011 and 2010**

The following Management's Discussion and Analysis (MD&A) of activities and financial performance of the Beaumont-Cherry Valley Water District (District) provides an introduction to the financial statements of the District for the fiscal years ended December 31, 2011 and 2010. We encourage readers to consider the information presented here in conjunction with the transmittal letter in the Introductory Section and with the basic financial statements and related notes, which follow this section.

**Financial Highlights**

- In 2011, the District's unrestricted net assets decreased by 25.48% or \$1,806,983 due primarily to the recording of previously unrecorded liabilities for post-employment health care and the CalPERS side-fund. In 2010, the District's unrestricted net assets increased by 145.70% or \$4,204,465 due primarily to the previously unrecorded receivables and loan proceeds received for a construction note obtained during the year.
- In 2011, the District's total revenues increased by 13.89% or \$1,288,251 due primarily to Board approved rate changes as a result of a rate study conducted by an outside party in 2010. In 2010, the District's total revenues increased 1.62% or \$147,722 due primarily from one-time non-operating revenues received during the year.
- In 2011, the District's total expenses increased 18.81% or \$1,845,012 due primarily from a \$713,884 increase in the amount of purchased State water, a \$596,194 increase in groundwater purchases and a \$689,538 increase in general and administrative expenses. The increase in general and administrative expenses is the result of \$1,116,033 in expenses for post-employment health care offset by a savings of \$426,495 due primarily to a reduction in bad debt expense. In 2010, the District's total expenses decreased 1.30% or 129,596 due primarily from a \$454,151 increase in the amount of purchased water, a \$492,083 decrease in the amount of labor costs due to a reduction in District staffing and a furlough program since April 2010 along with a \$225,186 decrease in overall depreciation expense.

**Required Financial Statements**

This annual report consists of a series of financial statements. The Statement of Net Assets, Statement of Revenues, Expenses and Changes in Net Assets and Statement of Cash Flows provide information about the activities and performance of the District using accounting methods similar to those used by private sector companies.

The District's records are maintained on an enterprise basis, as it is the intent of the Board of Directors that the costs of providing water service to the customers of the District are financed primarily through user charges.

The Statement of Net Assets includes all of the District's investments in resources (assets) and the obligations to creditors (liabilities). It also provides the basis for computing a rate of return, evaluating the capital structure of the District and assessing the liquidity and financial flexibility of the District. All of the current year's revenue and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Assets. This statement measures the success of the District's operations over the past year and can be used to determine if the District has successfully recovered all of its costs through its rates and other charges. This statement can also be used to evaluate profitability and credit worthiness. The final required financial statement is the Statement of Cash Flows, which provides information about the District's cash receipts and cash payments during the reporting period. The Statement of Cash Flows reports cash receipts, cash payments and net changes in cash resulting from operations, investing, non-capital financing, and capital and related financing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in cash balance during the reporting period.

**Beaumont-Cherry Valley Water District**  
**Management's Discussion and Analysis**  
**For the Years Ended December 31, 2011 and 2010**

**Financial Analysis of the District (Continued)**

One of the most important questions asked about the District's finances is, "Is the District better off or worse off as a result of this year's activities?" The Statement of Net Assets and the Statement of Revenues, Expenses and Changes in Net Assets report information about the District in a way that helps answer this question. These statements include all assets and liabilities using the *accrual basis of accounting*, which is similar to the accounting used by most private sector companies. All of the current year's revenues and expenses are taken into account regardless of when the cash is received or paid.

These two statements report the District's *net assets* and the changes which occurred during the year. You can think of the District's net assets (the difference between assets and liabilities), as one way to measure the District's financial health, or *financial position*. Over time, *increases or decreases* in the District's net assets are one indicator of whether its *financial health* is improving or deteriorating. However, one will need to consider other non-financial factors such as changes in economic conditions, population growth, zoning and new or changed government legislation, such as changes in Federal and State water quality standards.

**Notes to the Basic Financial Statements**

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements.

**Statement of Net Assets**

<b>Condensed Statements of Net Assets</b>			
	<u><b>2011</b></u>	<u><b>2010</b></u>	<u><b>Change</b></u>
Assets:			
Current assets	\$ 9,227,871	7,931,646	1,296,225
Non-current assets	1,051,969	1,284,281	(232,312)
Capital assets, net	<u>102,779,309</u>	<u>104,330,836</u>	<u>(1,551,527)</u>
<b>Total assets</b>	<u><b>113,059,149</b></u>	<u><b>113,546,763</b></u>	<u><b>(487,614)</b></u>
Liabilities:			
Current liabilities	3,460,175	2,996,100	464,075
Non-current liabilities	<u>5,121,457</u>	<u>3,659,636</u>	<u>1,461,821</u>
<b>Total liabilities</b>	<u><b>8,581,632</b></u>	<u><b>6,655,736</b></u>	<u><b>1,925,896</b></u>
Net assets:			
Net investment in capital assets	99,194,309	99,800,836	(606,527)
Unrestricted	<u>5,283,208</u>	<u>7,090,191</u>	<u>(1,806,983)</u>
<b>Total net assets</b>	<u><b>104,477,517</b></u>	<u><b>106,891,027</b></u>	<u><b>(2,413,510)</b></u>
<b>Total liabilities and net assets</b>	<u><b>\$ 113,059,149</b></u>	<u><b>113,546,763</b></u>	<u><b>(487,614)</b></u>

As noted earlier, net assets may serve over time as a useful indicator of a government's financial position. In the case of the District, assets of the District exceeded liabilities by \$104,477,517 and \$106,891,027 as of December 31, 2011 and 2010, respectively.

By far the largest portion of the District's net assets (95% and 93% as of December 31, 2011 and 2010, respectively) reflects the District's investment in capital assets (net of accumulated depreciation) less any related debt used to acquire those assets that is still outstanding. The District uses these capital assets to provide services to customers within the District's service area; consequently, these assets are *not* available for future spending.

**Beaumont-Cherry Valley Water District**  
**Management's Discussion and Analysis**  
**For the Years Ended December 31, 2011 and 2010**

**Statement of Net Assets (Continued)**

At the end of fiscal year 2011 and 2010, the District showed a positive balance in its unrestricted net assets of \$5,283,208 and \$7,090,191, respectively. See Note 13 to the basic financial statements for further information.

**Statement of Revenues, Expenses and Changes in Net Assets**

**Condensed Statements of Revenues, Expenses and Changes in Net Assets**

	<u>2011</u>	<u>2010</u>	<u>Change</u>
Revenues:			
Operating revenues	\$ 10,313,481	8,965,462	1,348,019
Non-operating revenues	249,795	309,563	(59,768)
<b>Total revenues</b>	<u>10,563,276</u>	<u>9,275,025</u>	<u>1,288,251</u>
Expenses:			
Operating expenses	9,494,400	7,653,063	1,841,337
Depreciation and amortization	2,002,794	1,998,033	4,761
Non-operating expenses	155,593	156,679	(1,086)
<b>Total expenses</b>	<u>11,652,787</u>	<u>9,807,775</u>	<u>1,845,012</u>
<b>Net income(loss) before capital con.</b>	<u>(1,089,511)</u>	<u>(532,750)</u>	<u>(556,761)</u>
Capital contributions	579,869	1,853,106	(1,273,237)
<b>Change in net assets</b>	(509,642)	1,320,356	(1,829,998)
<b>Net assets, beginning of year</b>	106,891,027	106,824,178	66,849
<b>Prior period adjustment</b>	<u>(1,903,868)</u>	<u>(1,253,507)</u>	<u>(650,361)</u>
<b>Net assets, end of year</b>	<u>\$ 104,477,517</u>	<u>106,891,027</u>	<u>(2,413,510)</u>

The Statement of Revenues, Expenses and Changes of Net Assets shows how the District's net assets changed during the fiscal years. In 2011, net assets decreased by \$2,413,510 which includes a prior period adjustment that decreased net assets in the amount of \$1,903,868. In 2010, net assets increased by \$66,849 which includes a prior period adjustment that decreased net assets in the amount of \$1,253,507.

A closer examination of the sources of changes in net assets reveals that:

In 2011, the District's net assets decreased 2.26% or \$2,413,510 due primarily to recording of District liabilities of \$1,116,033 for post-employment health benefits and \$1,426,500 for the CalPERS Side Fund liability. In 2010, the District's net assets increased 0.06% or \$66,849 due primarily to previously unrecorded receivables and a significant increase in capital contributions, offset by the issuance of new debt.

**Capital Asset Administration**

At the end of fiscal year 2011 and 2010, the District's investment in capital assets amounted to \$102,779,309 and \$104,330,836, respectively, (net of accumulated depreciation). This investment in capital assets includes land, transmission and distribution systems, reservoirs, tanks, pumps, buildings and structures, equipment, and vehicles, etc. Major capital assets additions during 2011 included upgrades to the District's transmission and distribution system. See Note 8 for further information.

**Beaumont-Cherry Valley Water District**  
**Management's Discussion and Analysis**  
**For the Years Ended December 31, 2011 and 2010**

**Capital Asset Administration, continued**

Changes in capital asset amounts for the year were as follows:

	<b>Balance 2010</b>	<b>Additions</b>	<b>Transfers/ Deletions</b>	<b>Balance 2011</b>
Capital assets:				
Non-depreciable assets	\$ 8,034,682	119,246	(355,925)	7,798,003
Depreciable assets	109,009,594	537,379	-	109,546,973
Accumulated depreciation	(12,713,440)	(2,002,794)	150,567	(14,565,667)
Total capital assets, net	<u>\$ 104,330,836</u>	<u>(1,346,169)</u>	<u>(205,358)</u>	<u>102,779,309</u>

	<b>Balance 2009</b>	<b>Additions</b>	<b>Transfers/ Deletions</b>	<b>Balance 2010</b>
Capital assets:				
Non-depreciable assets	\$ 11,357,816	2,369,354	(5,692,488)	8,034,682
Depreciable assets	103,341,810	5,713,551	(45,767)	109,009,594
Accumulated depreciation	(10,761,174)	(1,998,033)	45,767	(12,713,440)
Total capital assets, net	<u>\$ 103,938,452</u>	<u>6,084,872</u>	<u>(5,692,488)</u>	<u>104,330,836</u>

**Long-term Debt**

At the end of fiscal year 2011, the District had long-term debt, excluding compensated absences, totaling \$3,585,000. See Note 10 for further information.

Changes in long-term debt for the year were as follows:

	<b>Balance 2010</b>	<b>Additions</b>	<b>Principal Payments</b>	<b>Balance 2011</b>
Note payable	\$ 4,530,000	-	(945,000)	3,585,000
Less current portion	(945,000)			(945,000)
Non-current portion	<u>\$ 3,585,000</u>			<u>2,600,000</u>

Changes in long-term debt for the year were as follows:

	<b>Balance 2009</b>	<b>Additions</b>	<b>Principal Payments</b>	<b>Balance 2010</b>
Note payable	\$ -	5,000,000	(470,000)	4,530,000
Less current portion	-			(945,000)
Non-current portion	<u>\$ -</u>			<u>3,585,000</u>

**Requests for Information**

This financial report is designed to provide the District's funding sources, customers, stakeholders and other interested parties with an overview of the District's financial operations and financial condition. Should the reader have questions regarding the information included in this report or wish to request additional financial information, please contact the Director of Finance & Administrative Services, Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, CA 92223-2258.

## **Basic Financial Statements**

**Beaumont-Cherry Valley Water District**  
**Statements of Net Assets**  
**December 31, 2011 and 2010**

<i>Assets</i>	<b>2011</b>	<b>2010</b>
Current assets:		
Cash and cash equivalents (note 3)	\$ 6,776,214	5,687,027
Accrued interest receivable	49,062	57,210
Accounts receivable – water sales and services, net (note 4)	1,643,027	1,097,764
Accounts receivable – other, net (note 5)	22,998	393,652
Notes receivable – current portion, net (note 6)	188,180	169,787
Materials and supplies inventory	461,037	446,369
Prepaid expenses and deposits	87,353	79,837
Total current assets	<u>9,227,871</u>	<u>7,931,646</u>
Non-current assets:		
Notes receivable, net (note 6)	992,422	1,206,412
Deferred charges, net (note 7)	59,547	77,869
Capital assets, not being depreciated (note 8)	7,798,003	8,034,682
Capital assets, being depreciated, net (note 8)	94,981,306	96,296,154
Total non-current assets	<u>103,831,278</u>	<u>105,615,117</u>
<b>Total assets</b>	<u><u>\$ 113,059,149</u></u>	<u><u>113,546,763</u></u>
 <i>Liabilities and Net Assets</i>		
Current liabilities:		
Accounts payable and accrued expenses	\$ 449,769	474,238
Accrued salaries and benefits	81,344	36,465
Contingency payable (note 2)	400,254	-
Customer and other deposits	217,722	117,326
Deferred revenue	1,054,435	1,257,720
Accrued interest on long-term debt	30,293	38,278
Long-term liabilities - due within one year:		
Compensated absences (note 9)	138,213	50,427
Notes payable (note 10)	985,000	945,000
Pension-related debt (note 11)	103,145	-
Total current liabilities	<u>3,460,175</u>	<u>2,919,454</u>
Non-current liabilities:		
Long-term liabilities - due in more than one year:		
Compensated absences (note 9)	82,069	151,282
Other post-employment benefits payable (note 12)	1,116,033	-
Notes payable (note 10)	2,600,000	3,585,000
Pension-related debt (note 11)	1,323,355	-
Total non-current liabilities	<u>5,121,457</u>	<u>3,736,282</u>
<b>Total liabilities</b>	<u>8,581,632</u>	<u>6,655,736</u>
Net assets: (note 13)		
Investment in capital assets, net of related debt	99,194,309	99,800,836
Unrestricted	5,283,208	7,090,191
<b>Total net assets</b>	<u>104,477,517</u>	<u>106,891,027</u>
<b>Total liabilities and net assets</b>	<u><u>\$ 113,059,149</u></u>	<u><u>113,546,763</u></u>

See accompanying notes to the basic financial statements

**Beaumont-Cherry Valley Water District**  
**Statements of Revenues, Expenses and Changes in Net Assets**  
**For the Years Ended December 31, 2011 and 2010**

	<u>2011</u>	<u>2010</u>
Operating revenues:		
Water consumption sales	\$ 4,766,022	4,170,001
Water service charges	2,188,438	1,810,098
Water importation surcharges	1,326,091	1,025,996
Water pumping power surcharges	1,617,081	1,349,287
Development and installation charges	127,141	228,986
Other charges for services	288,708	381,094
Total operating revenues	<u>10,313,481</u>	<u>8,965,462</u>
Operating expenses:		
Source of supply – State Water purchases	2,529,343	1,815,459
Source of supply – groundwater purchases	596,194	-
Pumping	1,894,700	2,066,259
Transmission and distribution	983,285	984,890
Engineering	196,422	187,758
Customer accounts	199,934	193,713
General and administrative	3,094,522	2,404,984
Total operating expenses	<u>9,494,400</u>	<u>7,653,063</u>
Operating income before depreciation	819,081	1,312,399
Depreciation expense	(2,002,794)	(1,998,033)
<b>Operating loss</b>	<u>(1,183,713)</u>	<u>(685,634)</u>
Non-operating revenue(expense):		
Interest earnings	127,905	89,198
Rental income	20,507	22,031
Other non-operating revenues	101,383	193,834
Gain on sale of assets	-	4,500
Interest expense	(137,271)	(38,278)
Amortization of deferred charges	(18,322)	(13,742)
Other non-operating expenses	-	(104,659)
Total non-operating revenues, net	<u>94,202</u>	<u>152,884</u>
<b>Net gain(loss) before capital contributions</b>	<u>(1,089,511)</u>	<u>(532,750)</u>
Capital contributions:		
Facilities charges	488,169	1,853,106
Front footage fees	91,700	-
Total capital contributions	<u>579,869</u>	<u>1,853,106</u>
<b>Change in net assets</b>	(509,642)	1,320,356
Net assets, beginning of year	106,891,027	106,824,178
Prior period adjustment (note 2)	(1,903,868)	(1,253,507)
Net assets, end of year	<u>\$ 104,477,517</u>	<u>106,891,027</u>

See accompanying notes to the basic financial statements

**Beaumont-Cherry Valley Water District**  
**Statements of Cash Flows**  
**For the Years Ended December 31, 2011 and 2010**

	<u>2011</u>	<u>2010</u>
Cash flows from operating activities:		
Cash receipts from customers for water sales and services	\$ 10,361,158	8,909,544
Cash paid to employees for salaries and wages	(1,651,023)	(1,643,521)
Cash paid to vendors and suppliers for materials and services	(6,913,830)	(8,390,235)
Net cash provided(used) by operating activities	<u>1,796,305</u>	<u>(1,124,212)</u>
Cash flows from capital and related financing activities:		
Acquisition and construction of capital assets	(522,702)	(2,390,417)
Capital contributions	579,869	1,853,106
Proceeds from(issuance of) note receivables	189,918	(1,069,854)
Proceeds from issuance of note payable	-	5,000,000
Principal payments on note payable	(945,000)	(470,000)
Interest payments on note payable	(145,256)	-
Debt issuance costs	-	(91,611)
Net cash provided(used) by capital and related financing activities	<u>(843,171)</u>	<u>2,831,224</u>
Cash flows from investing activities:		
Interest earnings	<u>136,053</u>	<u>35,520</u>
Net cash provided by investing activities	<u>136,053</u>	<u>35,520</u>
<b>Net increase in cash and cash equivalents</b>	<b>1,089,187</b>	<b>1,742,532</b>
Cash and cash equivalents, beginning of year	<u>5,687,027</u>	<u>3,944,495</u>
Cash and cash equivalents, end of year	<u>\$ 6,776,214</u>	<u>5,687,027</u>
Reconciliation of cash and cash equivalents to statements of financial position:		
Cash and cash equivalents	\$ <u>6,776,214</u>	<u>5,687,027</u>
Total cash and cash equivalents	\$ <u>6,776,214</u>	<u>5,687,027</u>

Continued on next page

See accompanying notes to the basic financial statements



**Beaumont-Cherry Valley Water District**  
**Statements of Cash Flows (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

	<u>2011</u>	<u>2010</u>
Reconciliation of operating loss to net cash provided(used) by operating activities:		
Operating loss	\$ (1,183,713)	(685,634)
Adjustments to reconcile operating loss to net cash provided(used) by operating activities:		
Deprecation expense	2,002,794	1,998,033
Rental income	20,507	22,031
Other non-operating revenues	101,383	193,834
Gain on sale of assets	-	4,500
Other non-operating expenses	-	(104,659)
Changes in assets and liabilities:		
(Increase) Decrease in assets:		
Accounts receivable – water sales and services, net	(545,263)	115,021
Accounts receivable – other, net	370,654	(297,246)
Materials and supplies inventory	(14,668)	(15,611)
Prepaid expenses and deposits	(7,516)	(10,536)
Increase (Decrease) in liabilities:		
Accounts payable and accrued expenses	(24,469)	(2,238,671)
Accrued salaries and benefits	44,879	(10,305)
Customer and other deposits	100,396	(94,058)
Deferred revenue	(203,285)	9,408
Compensated absences	18,573	(10,319)
Other post-employment benefits payable	1,116,033	-
Total adjustments	<u>2,980,018</u>	<u>(438,578)</u>
Net cash provided(used) by operating activities	<u>\$ 1,796,305</u>	<u>(1,124,212)</u>

See accompanying notes to the basic financial statements

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements**  
**For the Years Ended December 31, 2011 and 2010**

**(1) Reporting Entity and Summary of Significant Accounting Policies**

**A. Organization and Operations of the Reporting Entity**

The Beaumont Irrigation District was formed in March of 1919 under the Wright Act of 1897. Over the years, both the name and the mission of the District have changed. Today, the Beaumont-Cherry Valley Water District (District) continues to develop programs and policies that ensure a supply of water for the area's growing population. The District is governed by a five-member Board of Directors who serves overlapping four-year terms.

**B. Basis of Accounting and Measurement Focus**

The District reports its activities as an enterprise fund, which is used to account for operations that are financed and operated in a manner similar to a private business enterprise, where the intent of the District is that the costs of providing water services to its customers on a continuing basis be financed or recovered primarily through user charges (water service fees). Revenues and expenses are recognized on the full accrual basis of accounting. Revenues are recognized in the accounting period in which they are earned and expenses are recognized in the period incurred, regardless of when the related cash flows take place.

Operating revenues and expenses, such as water sales and services as well as water purchases, result from exchange transactions associated with the principal activity of the District. Exchange transactions are those in which each party receives and gives up essentially equal values. Management, administration and depreciation expenses are also considered operating expenses. Other revenues and expenses not included in the above categories are reported as non-operating revenues and expenses.

The District recognizes revenue from water service charges based on cycle billings performed every month. The District accrues revenues with respect to water service charges sold but not billed at the end of a fiscal period.

**C. Financial Reporting**

The District's basic financial statements are presented in conformance with the provisions of Governmental Accounting Standards Board (GASB) Statement No. 34, "*Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments*" (GASB No. 34). This statement established revised financial reporting requirements for state and local governments throughout the United States for the purpose of enhancing the understandability and usefulness of financial reports.

GASB No. 34 and its related GASB pronouncements provide for a revised view of financial information and restructure the format of financial information provided prior to its adoption. A statement of net assets replaces the balance sheet and reports assets, liabilities, and the difference between them as net assets, not equity. A statement of revenues, expenses and changes in net assets replaces both the income statement and the statement of changes in retained earnings and contributed capital. GASB No. 34 also requires that the statement of cash flows be prepared using the direct method. Under the direct method, cash flows from operating activities are presented by major categories.

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(1) Reporting Entity and Summary of Significant Accounting Policies (Continued)**

**C. Financial Reporting (Continued)**

Under GASB No. 34, enterprise funds, such as the District, have the option of consistently following or not following pronouncements issued by the Financial Accounting Standards Board (FASB) subsequent to November 30, 1989. The District has elected not to follow FASB standards issued after that date, unless such standards are specifically adopted by GASB.

**D. Assets, Liabilities and Net Assets**

**1. Use of Estimates**

The preparation of the basic financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported changes in net assets during the reporting period.

**2. Cash and Cash Equivalents**

Substantially all of the District's cash is invested in interest bearing accounts. The District considers all highly liquid investments with a maturity of three months or less at the time of purchase to be cash equivalents.

**3. Investments and Investment Policy**

The District has adopted an investment policy to deposit funds in financial institutions. Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

**4. Accounts Receivable and Allowance for Uncollectible Accounts**

The District extends credit to customers in the normal course of operations. When management deems customer accounts uncollectible, the District uses the allowance method for the reservation.

**5. Prepaid Expenses**

Certain payments to vendors reflects costs or deposits applicable to future accounting periods and are recorded as prepaid items in the basic financial statements.

**6. Materials and Supplies Inventory**

Inventory consists primarily of materials used in construction and maintenance of the water system and is stated at cost using the average-cost method.

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(1) Reporting Entity and Summary of Significant Accounting Policies (Continued)**

**D. Assets, Liabilities and Net Assets (Continued)**

**7. Capital Assets**

Capital assets acquired and/or constructed are capitalized at historical cost. District policy has set the capitalization threshold for reporting capital assets at \$5,000. Contributed assets are recorded at estimated fair market value at the date of contribution. Upon retirement or other disposition of capital assets, the cost and related accumulated depreciation are removed from the respective balances and any gains or losses are recognized. Depreciation is recorded on a straight-line basis over the estimated useful lives of the assets as follows:

Transmission and distribution system	40 to 75 years
Structures and improvements	40 years
Reservoirs and tanks	50 to 75 years
Pumping and telemetering equipment	10 to 50 years
Vehicles and equipment	5 to 10 years

**8. Compensated Absences**

The District's policy is to permit employees to accumulate earned vacation and sick leave according to the number of years of service with the District. The liability for vested vacation and sick leave is recorded as an expense when earned.

Vacation leave is earned from the date of hire and is available for use the following year from ten to a maximum of twenty days per year. Sick leave is accumulated at one day per month. An employee not using any sick leave for twelve consecutive months can convert their twelve accrued days to cash at the rate of two accrued days for 8 hours pay at their regular hourly pay-rate. Upon retirement or death, employees or their beneficiaries are entitled to receive a pay-out of 50% of all accumulated sick leave.

**9. Water Sales**

The District recognizes water services charges based on cycle billings rendered to the customers on a bi-monthly basis for residential customers and on a monthly basis for our commercial, construction and landscape irrigation customers.

**10. Capital Contributions**

Capital contributions represent cash and capital asset additions contributed to the District by property owners or real estate developers desiring services that require capital expenditures or capacity commitment.

**11. Budgetary Policies**

The District adopts a one year non-appropriated budget for planning, control, and evaluation purposes. Budgetary control and evaluation are affected by comparisons of actual revenues and expenses with planned revenues and expenses for the period. Encumbrance accounting is not used to account for commitments related to unperformed contracts for construction and services.

**12. Reclassifications**

The District has reclassified certain prior year information to conform to current year presentations.

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(1) Reporting Entity and Summary of Significant Accounting Policies (Continued)**

**D. Assets, Liabilities and Net Assets (Continued)**

**13. Net Assets**

The financial statements utilize a net assets presentation. Net assets are categorized as follows:

- **Net Investment in Capital Assets** – This component of net assets consists of capital assets, net of accumulated depreciation and reduced by any outstanding debt against the acquisition, construction or improvement of those assets.
- **Restricted Net Assets** – This component of net assets consists of constraints placed on net assets use through external constraints imposed by creditors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- **Unrestricted Net Assets** – This component of net assets consists of net assets that do not meet the definition of *restricted* or *net investment in capital assets*.

**(2) Prior Period Adjustment**

During the fiscal years ended December 31, 2011 and 2010, net assets of the District were restated to adjust balances as of December 31, 2010 and 2009 as follows:

Calculation of prior period adjustment as of December 31, were as follows:

	<u><b>2011</b></u>	<u><b>2010</b></u>
Prior period adjustment:		
Reconciliation of prior years deferred revenue balance	\$ -	(844,420)
Reconciliation of prior years accounts receivable balance	(31,652)	(252,569)
Accrued expenditures batch not included in payables	-	(156,518)
Reconciliation of prior years construction-in-progress balance	(222,002)	-
Reconciliation of prior years depreciation balance	150,567	-
Reconciliation of prior years other deposits balance	53,045	-
Reconciliation of prior years inventory balance	8,699	-
Reconciliation of prior years accrued payroll liability balance	46,145	-
Contingency payable – refund of overbilling of customer accounts	(394,970)	-
Pension-related debt – CalPERS side-fund liability	(1,513,700)	-
Total prior period adjustment	<u>\$ (1,903,868)</u>	<u>(1,253,507)</u>

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(3) Cash and Investments**

Cash and cash equivalents as of December 31, are classified in the accompanying financial statements as follows:

	<u>2011</u>	<u>2010</u>
Cash and cash equivalents	\$ 6,776,214	5,687,027
Total	<u>\$ 6,776,214</u>	<u>5,687,027</u>

Cash and cash equivalents as of December 31, consist of the following:

	<u>2011</u>	<u>2010</u>
Petty cash	\$ 1,400	1,400
Deposits with financial institutions	6,771,253	5,682,078
Local Agency Investment Fund (LAIF)	<u>3,561</u>	<u>3,549</u>
Total cash and cash equivalents	<u>\$ 6,776,214</u>	<u>5,687,027</u>

As of December 31, the District's authorized deposits had the following maturities:

	<u>2011</u>	<u>2010</u>
Deposits held with California Local Agency Investment Fund (LAIF)	256 Days	215 Days

***Custodial Credit Risk***

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools (such as LAIF).

The California Government Code and the District's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits: The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure District deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits. Of the bank balances, up to \$250,000 is federally insured and the remaining balance is collateralized in accordance with the Code; however, the collateralized securities are not held in the District's name.

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(3) Cash and Investments (Continued)**

***Investment in State Investment Pool***

The District is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the District's investment in this pool is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis.

***Interest Rate Risk***

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. The District manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio matures or comes close to maturity evenly over time as necessary to provide requirements for cash flow and liquidity needed for operations.

***Credit Risk***

Credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization; however, LAIF is not rated.

***Concentration of Credit Risk***

The investment policy of the District contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code.

**(4) Accounts Receivable – Water Sales and Services, Net**

Accounts receivable – water sales and services consists of the following as of December 31:

	<u>2011</u>	<u>2010</u>
The balance at December 31, consists of the following:		
Accounts receivable – water sales and services	\$ 1,689,621	1,314,621
Allowance for uncollectible accounts	<u>(46,594)</u>	<u>(216,857)</u>
Accounts receivable – water sales, net	<u>\$ 1,643,027</u>	<u>1,097,764</u>

**(5) Accounts Receivable – Other, Net**

Accounts receivable – other is an account holder of other billing outside the normal water sales and services billing for items such as damages to District property or rental of District property.

Accounts receivable – other consists of the following as of December 31:

	<u>2011</u>	<u>2010</u>
The balance at December 31, consists of the following:		
Accounts receivable – other	\$ 23,503	397,017
Allowance for uncollectible accounts	<u>(505)</u>	<u>(3,365)</u>
Accounts receivable – other, net	<u>\$ 22,998</u>	<u>393,652</u>

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(6) Notes Receivable**

Notes receivable – current and long-term portion consists of the following as of December 31:

	<u>2011</u>	<u>2010</u>
The balance at December 31, consists of the following:		
Notes receivable – Fairway Canyon	\$ 174,648	166,709
Notes receivable – Bonita Vista	13,532	7,078
Allowance for uncollectible accounts	<u>-</u>	<u>(4,000)</u>
Notes receivable – current portion, net	<u>\$ 188,180</u>	<u>169,787</u>
	<u>2011</u>	<u>2010</u>
The balance at December 31, consists of the following:		
Notes receivable – Fairway Canyon	\$ 802,898	969,607
Notes receivable – Bonita Vista	203,293	256,805
Allowance for uncollectible accounts	<u>(13,769)</u>	<u>(20,000)</u>
Notes receivable, net	<u>\$ 992,422</u>	<u>1,206,412</u>

In 2003, the Bonita Vista Mutual Water Company started the annexation process to join the District. The annexation agreement called for the District to install a new water delivery system. The property owners/shareholders in the Bonita Vista Mutual Water Company were responsible for 1/100<sup>th</sup> of the costs of construction of the new system, at \$5,500 per meter. The notes are payable over 20 years at a variable interest rate calculated annually at 1.5% above the LAIF interest rate.

**(7) Deferred Charges**

Deferred charges consist of the amortization of the costs of issuance of the notes payable.

	<u>2011</u>	<u>2010</u>
The balance at December 31, consists of the following:		
Deferred charges	\$ 91,611	91,611
Accumulated amortization	<u>(32,064)</u>	<u>(13,742)</u>
Deferred charges, net	<u>\$ 59,547</u>	<u>77,869</u>



**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(8) Capital Assets**

Changes in capital assets for 2011 were as follows:

	<u>Balance 2010</u>	<u>Additions/ Transfers</u>	<u>Deletions/ Transfers</u>	<u>Balance 2011</u>
Non-depreciable assets:				
Land	\$ 7,721,730	-	-	7,721,730
Construction-in-process	312,952	119,246	(355,925)	76,273
Total non-depreciable assets	<u>8,034,682</u>	<u>119,246</u>	<u>(355,925)</u>	<u>7,798,003</u>
Depreciable assets:				
Transmission and distribution system	58,332,352	372,450	-	58,704,802
Structures and improvements	16,393,296	-	-	16,393,296
Reservoirs and tanks	19,986,690	-	-	19,986,690
Pumping and telemetering equipment	12,593,579	49,026	-	12,642,605
Vehicles and equipment	1,703,677	115,903	-	1,819,580
Total depreciable assets	109,009,594	537,379	-	109,546,973
Accumulated depreciation and amortization	<u>(12,713,440)</u>	<u>(2,002,794)</u>	<u>150,567</u>	<u>(14,565,667)</u>
Total depreciable assets, net	<u>96,296,154</u>	<u>(1,465,415)</u>	<u>150,567</u>	<u>94,981,306</u>
Total capital assets, net	<u>\$ 104,330,836</u>			<u>102,779,309</u>

Changes in capital assets for 2010 were as follows:

	<u>Balance 2009</u>	<u>Additions/ Transfers</u>	<u>Deletions/ Transfers</u>	<u>Balance 2010</u>
Non-depreciable assets:				
Land	\$ 7,721,730	-	-	7,721,730
Construction-in-process	3,636,086	2,369,354	(5,692,488)	312,952
Total non-depreciable assets	<u>11,357,816</u>	<u>2,369,354</u>	<u>(5,692,488)</u>	<u>8,034,682</u>
Depreciable assets:				
Transmission and distribution systems	55,021,682	3,310,670	-	58,332,352
Structures and improvements	16,393,296	-	-	16,393,296
Reservoirs and tanks	17,604,872	2,381,818	-	19,986,690
Pumping and telemetering equipment	12,593,579	-	-	12,593,579
Vehicles and equipment	1,728,381	21,063	(45,767)	1,703,677
Total depreciable assets	103,341,810	5,713,551	(45,767)	109,009,594
Accumulated depreciation and amortization	<u>(10,761,174)</u>	<u>(1,998,033)</u>	<u>45,767</u>	<u>(12,713,440)</u>
Total depreciable assets, net	<u>92,580,636</u>	<u>3,715,518</u>	<u>-</u>	<u>96,296,154</u>
Total capital assets, net	<u>\$ 103,938,452</u>			<u>104,330,836</u>

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(9) Compensated Absences**

Compensated absences comprise unpaid vacation leave, sick leave and compensating time off which is accrued as earned. The District's liability for compensated absences is determined annually.

Changes to compensated absences balances at December 31, were as follows:

<u>Balance</u> <u>2010</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance</u> <u>2011</u>	<u>Current</u> <u>Portion</u>	<u>Long-term</u> <u>Portion</u>
\$ 201,709	162,022	(143,449)	220,282	138,213	82,069

Changes to compensated absences balances at December 31, were as follows:

<u>Balance</u> <u>2009</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance</u> <u>2010</u>	<u>Current</u> <u>Portion</u>	<u>Long-term</u> <u>Portion</u>
\$ 212,028	122,756	(133,075)	201,709	50,427	151,282

**(10) Note Payable**

Changes in long-term debt, excluding compensated absences, for the year were as follows:

	<u>Balance</u> <u>2010</u>	<u>Additions</u>	<u>Principal</u> <u>Payments</u>	<u>Balance</u> <u>2011</u>
Note payable	\$ 4,530,000	-	(945,000)	3,585,000
Less current portion	(945,000)			(985,000)
Non-current portion	\$ 3,585,000			2,600,000

Changes in long-term debt, excluding compensated absences, for the year were as follows:

	<u>Balance</u> <u>2009</u>	<u>Additions</u>	<u>Principal</u> <u>Payments</u>	<u>Balance</u> <u>2010</u>
Note payable	\$ -	5,000,000	(470,000)	4,530,000
Less current portion	-			(945,000)
Non-current portion	\$ -			3,585,000

On March 26, 2010, the Board of Directors approved a \$5.0 million loan payable at a 3.380% interest rate to Bank of America to finance the District's share of certain design and construction costs related to the expansion of the Recycled Water Facilities project. The loan is to be repaid by April 1, 2015 with principal and interest payments due on October 1<sup>st</sup> and April 1<sup>st</sup> of each year. Debt service repayment terms are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2012	\$ 985,000	112,976	1,097,976
2013	1,015,000	79,430	1,094,430
2014	1,050,000	44,870	1,094,870
2015	535,000	9,041	544,041
Total	\$ 3,585,000	246,317	3,831,317
Less: current	(985,000)		
Long-term	\$ 2,600,000		

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(11) Pension-Related Debt**

***CalPERS Side-Fund***

As of June 30, 2003, CalPERS implemented risk-pooling for the District's agent multiple-employer public employee defined benefit pension plan. As a result, the District's defined benefit pension plan with CalPERS converted from an agent multiple-employer plan to a cost sharing multiple-employer plan. This change in the type of the plan created the CalPERS Side-Fund, which CalPERS financed at a 7.75% interest rate. CalPERS actuarially calculated the amount needed to bring the District into the cost sharing multiple-employer plan on an equal basis with other governmental agencies that all had less than 100 active and retired employees combined. The reason that CalPERS switched these governmental agencies into the cost sharing multiple-employer plan was to smooth out the annual costs related to the pension benefit over a longer period of time resulting in a lower cost of service to the governmental agencies.

A portion of the District's annual required contributions to CalPERS are actuarially determined and shared by all governmental agencies within the cost sharing risk pool. Also, the District was required to make annual payments to pay-down the CalPERS Side-Fund, as well. The responsibility for paying-down the District's CalPERS Side-Fund is specific to the District and is not shared by all governmental agencies within the cost sharing risk pool. Therefore, the Side Fund falls under the definition of pension-related debt, as described in GASB Statement No. 27 and was recorded as liability on the District's financial statements. The remaining payments on the pension-related debt are as follows:

<b>Period</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
January 1 to June 30, 2012	\$ 47,681	63,264	110,945
July 1, 2012 to June 30, 2013	110,929	95,799	206,728
July 1, 2013 to June 30, 2014	125,464	87,259	212,723
July 1, 2014 to June 30, 2015	141,491	77,614	219,105
July 1, 2015 to June 30, 2016	158,917	66,761	225,678
July 1, 2016 to June 30, 2017	177,856	54,592	232,448
July 1, 2017 to June 30, 2018	198,426	40,996	239,422
July 1, 2018 to June 30, 2019	220,754	25,850	246,604
July 1, 2019 to June 30, 2020	244,982	9,020	254,002
Total	\$ 1,426,500	521,155	1,947,655
Less: current	(103,145)		
Total non-current	\$ 1,323,355		

**(12) Other Post-Employment Benefits Payable**

For the year ended December 31, 2011, the District implemented GASB Statement No. 45, which changed the accounting and financial reporting used by local government employers for post employment benefits. Previously, the costs of such benefits were generally recognized as expenses of local government employers on a pay-as-you-go basis. The reporting requirements for these benefit programs as they pertain to the District are set forth below.

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(12) Other Post-Employment Benefits Payable (Continued)**

***Plan Description – Eligibility***

The District pays a portion of the cost of health insurance for retirees (including prescription drug benefits) under any group plan offered by the CalPERS Health Program. Membership in the OPEB plan consisted of the following members as of December 31:

	<u>2011</u>
Active plan members	25
Retirees and beneficiaries receiving benefits	2
Separated plan members entitled to but not yet receiving benefits	<u>-</u>
Total plan membership	<u><u>27</u></u>

***Plan Description – Benefits***

The District offers post employment medical benefits to retired employees who satisfy the eligibility rules. Spouses and surviving spouses are also eligible to receive benefits. Retirees may enroll in any medical plan available through the District's CalPERS Health Program, a cost-sharing multiple-employer medical coverage plan. The contribution requirements of eligible retired employees and the District are established and may be amended by the Board of Directors.

***Funding Policy***

The District is required to contribute the *Annual Required Contribution (ARC) of the Employer*, an amount actuarially determined in accordance with the parameters of GASB Statement No. 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover the normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years. The District will pay a fixed contribution towards the cost of the post-employment benefit plan for those employees who meet the required service years for retirement from the District. The District funds the plan on a pay-as-you-go basis and records a liability for the difference between pay-as-you-go and the actuarially determined ARC cost.

***Annual Cost***

For the year ended December 31, 2011, the District's ARC cost was \$1,130,449. The District's net OPEB payable obligation amounted to \$1,116,033 for the year. The District paid \$6,257 for current retiree OPEB premiums for the year, which is age adjusted to a contribution amount of \$14,416. The current ARC rate is 93.0% of the District's annual covered payroll.

The balance at June 30, consists of the following:		<u>2011</u>
Annual OPEB expense:		
Annual required contribution (ARC)	\$	1,130,449
Interest on net OPEB obligation		-
Adjustment to annual required contribution		<u>-</u>
Total annual OPEB expense		1,130,449
Change in net OPEB payable obligation:		
Age adjusted contributions made		<u>(14,416)</u>
Total change in net OPEB payable obligation		1,116,033
OPEB payable – beginning of year		<u>-</u>
OPEB payable – end of year	\$	<u><u>1,116,033</u></u>

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(12) Other Post-Employment Benefits Payable (Continued)**

The District's annual OPEB cost, the percentage of the annual OPEB cost contributed to the Plan, and the net OPEB obligation for year 2011 and the two preceding years were as follows:

Three-Year History of Net OPEB Obligation					
Fiscal Year Ended		Annual OPEB Cost	Annual Contributions	Percentage of Annual OPEB Cost Contributed	Net OPEB Obligation Payable
2011	\$	1,130,449	14,416	1.28%	\$ 1,116,033
2010	*	-	-	0.00%	-
2009	*	-	-	0.00%	-

\* The information for this year is unavailable.

GASB No. 45 was implemented in fiscal year 2011.

***Funded Status and Funding Progress of the Plan***

The most recent valuation dated December 31, 2011 includes an Actuarial Accrued Liability and Unfunded Actuarial Accrued Liability of \$5,908,180. The covered payroll (annual payroll of active employees covered by the plan) for the year ended December 31, 2011 was estimated at \$1,214,966. The ratio of the unfunded actuarial accrued liability to annual covered payroll is 486.28%.

***Actuarial Methods and Assumptions***

Actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future. Calculations are based on the types of benefits provided under the terms of the substantive plan at the time of each valuation and the pattern of sharing of costs between the employer and plan members to that point. Consistent with the long-term perspective of actuarial calculations, actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities for benefits.

The following is a summary of the actuarial assumptions and methods:

Valuation date	December 31, 2011
Actuarial cost method	Entry age normal cost method
Amortization method	Level percent of payroll amortization
Remaining amortization period	30 Years as of the valuation date
Asset valuation method	30 Year smoothed market
Actuarial assumptions:	
Discount rate	0.50%
Projected salary increase	3.50%
Inflation - discount rate	3.00%
Individual salary growth	District annual COLA

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(13) Net Assets**

Calculation of net assets as of December 31, were as follows:

	<u>2011</u>	<u>2010</u>
Net investment in capital assets:		
Capital assets, not being depreciated	\$ 7,798,003	8,034,682
Capital assets, being depreciated, net	94,981,306	96,296,154
Note payable – current	(985,000)	(945,000)
Note payable – non-current	<u>(2,600,000)</u>	<u>(3,585,000)</u>
Total net investment in capital assets	<u>99,194,309</u>	<u>99,800,836</u>
Unrestricted net assets:		
Non-spendable net assets:		
Materials and supplies inventory	461,037	446,369
Prepaid expenses and deposits	87,353	79,837
Notes receivable – non-current portion	992,422	1,206,412
Deferred charges, net	<u>59,547</u>	<u>77,869</u>
Total non-spendable net assets	<u>1,600,359</u>	<u>1,810,487</u>
Spendable net assets are designated as follows:		
Designated for State Water importation purchases	-	101,622
Designated for debt service reserve	242,500	232,000
Designated for capital replacement reserve	1,000,000	1,000,000
Designated for operating reserve	<u>2,440,349</u>	<u>3,946,082</u>
Total spendable net assets	<u>3,682,849</u>	<u>5,279,704</u>
Total unrestricted net assets	<u>5,283,208</u>	<u>7,090,191</u>
Total net assets	<u>\$ 104,477,517</u>	<u>106,891,027</u>

**(14) Defined Benefit Pension Plan**

***Plan Description***

The District contributes to the California Public Employees Retirement System (CalPERS), a cost-sharing multi-employer defined benefit pension plan. CalPERS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public agencies within the State of California. Benefit provisions and all other requirements are established by state statute and the District. Copies of CalPERS annual financial report may be obtained from their executive Office: 400 P Street, Sacramento, CA, 95814.

***Funding Policy***

The contribution rate for plan members in the CalPERS 2.7% at 55 Risk Pool Retirement Plan is 8% of their annual covered salary. For employees hired prior to January 1, 2001, the District makes these 8.00% contributions required of District employees on their behalf and for their account. Employees hired between January 1, 2001 to June 30, 2011 contribute 7.00% and the District contributes 1.00% to their account. Employees hired after June 30, 2011 contribute 8.00% to their account. Also, the District is required to contribute the actuarially determined remaining amounts necessary to fund the benefits for its members. The required employer contribution rates for fiscal years 2011, 2010 and 2009 were as follows:

<u>Time Period</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Jan. 1 - June 30	24.691%	25.520%	25.964%
July 1 - Dec. 31	29.398%	24.691%	25.520%

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(14) Defined Benefit Pension Plan (Continued)**

The contribution requirements of the plan members are established by State statute, and the employer contribution rate is established and may be amended by CalPERS. For Fiscal years 2011, 2010 and 2009, the District's annual contributions for the CalPERS plan were equal to the District's required and actual contributions for each fiscal year as follows:

***Three Year Trend Information:***

<b>Fiscal Year Ending</b>	<b>Annual Pension Cost (APC)</b>	<b>Percentage of APC Contributed</b>	<b>Net Pension Obligation</b>
12/31/2011	\$ 391,706	100%	-
12/31/2010	426,103	100%	-
12/31/2009	420,235	100%	-

**(15) Risk Management**

The District is exposed to various risks of loss related to torts, theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The District is a member of the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California water agencies. The purpose of the ACWA/JPIA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage. At December 31, 2011, the District participated in the liability, property, and workers' compensation programs of the ACWA/JPIA as follows:

- General and auto liability, public officials and employees' errors and omissions: Total risk financing self-insurance limits of \$1,000,000, combined single limit at \$1,000,000 per occurrence. The District purchased additional excess coverage layers: \$60 million for general, auto and public officials liability, which increases the limits on the insurance coverage noted above.

In addition to the above, the District also has the following insurance coverage:

- Employee dishonesty coverage up to \$100,000 per loss includes public employee dishonesty, forgery or alteration and theft, disappearance and destruction coverage's.
- Property loss is paid at the replacement cost for property on file, if replaced within two years after the loss, otherwise paid on an actual cash value basis, to a combined total of \$100 million per occurrence, subject to a \$2,500 deductible per occurrence. Mobile equipment and vehicles have a \$1,000 deductible per occurrence.
- Boiler and machinery coverage for the replacement cost up to \$100 million per occurrence, subject to various deductibles depending on the type of equipment.
- Workers' compensation insurance up to California statutory limits for all work related injuries/illnesses covered by California law.

Settled claims have not exceeded any of the coverage amounts in any of the last three fiscal years and there were no reductions in the District's insurance coverage during the years ending December 31, 2011, 2010 and 2009. Liabilities are recorded when it is probable that a loss has been incurred and the amount of the loss can be reasonably estimated net of the respective insurance coverage. Liabilities include an amount for claims that have been incurred but not reported (IBNR). There were no IBNR claims payable as of December 31, 2011, 2010 and 2009, respectively.

**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(16) Governmental Accounting Standards Board Statements Issued, Not Yet Effective**

The Governmental Accounting Standards Board (GASB) has issued several pronouncements prior to December 31, 2011, that have effective dates that may impact future financial presentations.

***Governmental Accounting Standards Board Statement No. 60***

In November 2010, the GASB issued Statement No. 60, *Accounting and Financial Reporting for Service Concession Arrangements*. This standard addresses how to account for and report service concession arrangements, a type of public-private or public-public partnership that state and local governments are increasingly entering into. This statement is effective for financial statements for periods beginning after December 15, 2011. The District estimates that this statement will not have a material impact on the presentation of the basic financial statements.

***Governmental Accounting Standards Board Statement No. 61***

In November 2010, the GASB issued Statement No. 61, *The Financial Reporting Entity, Omnibus*. This standard is designed to improve financial reporting for governmental entities by amending the requirements of GASB Statement No. 14, *The Financial Reporting Entity*, and GASB Statement No. 34, *Basic Financial Statement and Management's Discussion and Analysis for State and Local Governments*. This statement is effective for financial statements for periods beginning after June 15, 2012. The District estimates that this statement will not have a material impact on the presentation of the basic financial statements.

***Governmental Accounting Standards Board Statement No. 62***

In December 2010, The GASB issued Statement No. 62 – *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements*. The objective of this Statement is to incorporate into the GASB's authoritative literature certain accounting and financial reporting guidance that is included in the following pronouncements issued on or before November 30, 1989, which does not conflict with or contradict GASB pronouncements:

1. Financial Accounting Standards Board (FASB) Statements and Interpretations
2. Accounting Principles Board Opinions
3. Accounting Research Bulletins of the American Institute of Certified Public Accountants' (AICPA) Committee on Accounting Procedure.

Hereinafter, these pronouncements collectively are referred to as the "FASB and AICPA pronouncements." This Statement also supersedes Statement No. 20, *Accounting and Financial Reporting for Proprietary Funds and Other Governmental Entities That Use Proprietary Fund Accounting*, thereby eliminating the election provided in paragraph 7 of that Statement for enterprise funds and business-type activities to apply post-November 30, 1989 FASB Statements and Interpretations that do not conflict with or contradict GASB pronouncements. However, those entities can continue to apply, as other accounting literature, post-November 30, 1989 FASB pronouncements that do not conflict with or contradict GASB pronouncements, including this Statement. The requirements of this Statement are effective for financial statements for periods beginning after December 15, 2011. The provisions of this Statement generally are required to be applied retroactively for all periods presented.

***Governmental Accounting Standards Board Statement No. 63***

In June 2011, the GASB issued Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*. This standard is designed to improve financial reporting by standardizing the presentation of deferred outflows of resources and deferred inflows of resources into the definitions of the required components of the residual measure and by renaming that measure as net position, rather than net assets. This statement is effective for financial statements for periods beginning after December 15, 2011. The District estimates that this statement will not have a material impact on the presentation of the basic financial statements.



**Beaumont-Cherry Valley Water District**  
**Notes to the Basic Financial Statements (Continued)**  
**For the Years Ended December 31, 2011 and 2010**

**(16) Governmental Accounting Standards Board Statements Issued, Not Yet Effective (Continued)**

***Governmental Accounting Standards Board Statement No. 64***

In June 2011, the GASB issued Statement No. 64, *Derivative Instruments: Application of Hedge Accounting Termination Provisions – an amendment of GASB Statement No. 53*. This standard is designed to improve financial reporting by clarifying the circumstances in which hedge accounting should continue when a swap counterparty, or swap counterparty's credit support provider, is replaced. This statement is effective for financial statements for periods beginning after December 15, 2011. The District estimates that this statement will not have a material impact on the presentation of the basic financial statements.

**(17) Commitments and Contingencies**

***Joint Venture Agreements***

In 2004, the Beaumont Basin Watermaster (Watermaster) was created to manage the groundwater extractions, replenishment thereof, and storage of supplemental water within the Beaumont Basin. The Watermaster consists of representatives from the Beaumont-Cherry Valley Water District, the City of Banning, the City of Beaumont, the South Mesa Water Company, and the Yucaipa Valley Water District. The District is a member agency of the Watermaster and contributes an annual amount to the Watermaster to fund its operations.

***Litigation***

In the ordinary course of operations, the District is subject to claims and litigation from outside parties. After consultation with legal counsel, the District believes the ultimate outcome of such matters, if any, will not materially affect its financial condition.

**(18) Subsequent Events**

***Deferred Compensation Program***

In December 2012, the District has elected to participate in a 457 Deferred Compensation Program.

Events occurring after December 31, 2011 have been evaluated for possible adjustment to the financial statements or disclosure as of December 10, 2012, which is the date the financial statements were available to be issued.

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## **Required Supplementary Information**



**Beaumont-Cherry Valley Water District**  
**Schedule of Funding Status – Other Post-Employment Benefits Obligation**  
**For the Years Ended December 31, 2011 and 2010**

***Funded Status and Funding Progress of the Plan***

***Required Supplemental Information - Schedule of Funding Progress***

<b>Actuarial Valuation Date</b>	<b>Actuarial Value of Plan Assets (a)</b>	<b>Actuarial Accrued Liability (b)</b>	<b>Unfunded Actuarial Accrued Liability (UAAL) (b-a)</b>	<b>Funded Ratio (a/b)</b>	<b>Covered Payroll (c)</b>	<b>UAAL as a Percentage of Covered Payroll ((b-a)/c)</b>
12/31/2011	\$ -	5,908,180	5,908,180	0.00%	\$ 1,214,966	486.28%

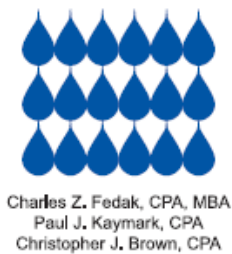
Funding progress is presented for the year(s) that an actuarial study has been prepared since the effective date of GASB Statement 45. Actuarial review and analysis of the post-employment benefits liability and funding status is performed every three years or annually if there are significant changes in the plan. The next scheduled actuarial review and analysis of the post-employment benefits liability and funding status will be performed in calendar year 2014 based on the year ending December 31, 2013.

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# **Report on Internal Controls and Compliance**







# Charles Z. Fedak & Company

Certified Public Accountants  
An Accountancy Corporation

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Cypress, California 90630  
(714) 527-1818  
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## **Independent Auditor's Report on Internal Control Over Financial Reporting And on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards***

Board of Directors  
Beaumont-Cherry Valley Water District  
Beaumont, California

We have audited the basic financial statements of the Beaumont-Cherry Valley Water District (District) as of and for the year ended December 31, 2011, and have issued our report thereon dated December 10, 2012. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

### ***Internal Control Over Financial Reporting***

In planning and performing our audits, we considered the District's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the District's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the District's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the District's financial statements that is more than inconsequential will not be prevented or detected by the District's internal control. A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the District's internal control. Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

### ***Compliance and Other Matters***

As part of obtaining reasonable assurance about whether the District's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grants, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audits and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance that are required to be reported under *Government Auditing Standards*.

This report is intended solely for the information and use of the Board of Directors and management and is not intended to be and should not be used by anyone other than these specified parties.

*Charles Z. Fedak & Company CPAs - An Accountancy Corporation*

**Charles Z. Fedak & Company, CPA's – An Accountancy Corporation**  
Cypress, California  
December 10, 2012



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9<sup>th</sup>, 2013**

**DATE:** December 24<sup>th</sup>, 2012  
**TO:** Board of Directors  
**FROM:** Eric Fraser, General Manager  
**SUBJECT:** Consideration of Pension Reform Act Report (Assembly Bill 340)

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**Recommendation**

It is recommended the Board of Directors receive and file the report on Pension Reform. No specific action is required from the Board of Directors at this meeting; however, staff will prepare revisions to the District Policies & Procedure Manual as applicable to present for Board consideration at a future date.

**Background**

Assembly Bill 340 (AB 340) takes effect January 1, 2013, and makes substantial and wide-ranging changes to the public employee pension laws in California. AB340 along with subsequent clean up measures are intended to implement comprehensive pension reform through the enactment of the California Public Employees' Pension Reform Act of 2013 (PEPRA) as well as other statutory changes.

Some of the key components of PEPRA are:

- Establishes a cap on the amount of compensation that can be used to calculate a retirement benefit for all new members of a public retirement system equal to the Social Security wage index.
- Limits employer contributions to defined benefit plans.
- Establishes new Retirement Formulas for Miscellaneous and Safety Members. These new formulas are statutory mandates and therefore, not subject to negotiations with existing bargaining units.
- Provides for cost sharing and prohibits Employer Paid Member Contributions (EPMC) for new employees. It also increases the ability of employers to cost share by authorizing employers and employees to agree to share the costs of the employer contribution.
- Requires a 3-year average for final average earnings calculations for new members.
- Newly retired persons, except public safety officers or firefighters, are required to sit out for at least 180 days before returning to work for an employer in the same retirement system.
- Restricts what can be included in pension compensation.



- Requires that public officials and employees forfeit pension benefits if they are convicted of a felony related to the performance of official duties.
- Prohibits the purchase of unqualified service credit.
- Prohibits retroactive benefit increases.
- Prohibits pension holidays (where employers suspend employer and/or employee contributions).
- Prohibits a public employer from providing a better health benefit vesting schedule for excluded and exempt employees than for represented employees in the same retirement class.
- Defines a new member as: an individual who has never been a member of CalPERS or a reciprocal public retirement system prior to Jan. 1, 2013; an individual who moved between these retirement systems with more than a 6-month break in service; an individual who moved between public employers within these retirement systems after more than a 6-month break in service. This measure also provides that individuals who are employed by CalPERS or a reciprocal public employer before Jan. 1, 2013, and who become employed by another public employer after the law takes effect Jan. 1, 2013 will be eligible to receive the retirement plan offered to employees by the subsequent employer before the law takes effect.

### **Fiscal Impact**

There is no fiscal impact at this time. The Pension Reform Act will significantly reduce pension costs for employers and pension benefits for all future employees. The exact cost savings is currently unknown.

Report prepared by: Melissa Bender, Director of Finance & Administrative Services

Attachment: CalPERS letter dated December 19, 2012



California Public Employees' Retirement System  
Actuarial Office  
P.O. Box 942704  
Sacramento, CA 94229-2704  
TTY: (877) 249-7442  
**888 CalPERS** (or **888-225-7377**) phone • (916) 795-3005 fax  
[www.calpers.ca.gov](http://www.calpers.ca.gov)

December 19, 2012

Employer Name: Beaumont-Cherry Valley Water District  
CalPERS ID: 3169502332  
Employee Category: Miscellaneous  
Rate Plan Identifier: 26709

Dear Employer:

**Subject: BENEFIT FORMULA AND CONTRIBUTION RATES FOR NEW MEMBERS  
EFFECTIVE JANUARY 1, 2013**

The purpose of this letter is to inform you about the impact that the recent passage of Assembly Bill (AB) 340 pension reform will have on employee and employer contribution rates to CalPERS. AB 340 created the Public Employees' Pension Reform Act (PEPRA) that implemented new benefit formulas and final compensation period, as well as new contribution requirements for new employees hired on or after January 1, 2013 who meet the definition of new member as per PEPRA. Please refer to the [Pension Reform](#) section of the CalPERS website for more information on pension reform, including information regarding when an employee will be considered a new member under PEPRA.

The table below provides information on the benefit formula, final compensation period and the employer and member contribution rates effective January 1, 2013 for any miscellaneous employees that meet the definition of a new member under PEPRA.

Benefit Formula	Miscellaneous 2% at Age 62
Final Compensation Period	3 Year Final Compensation
Employer Contribution Rate as a percentage of payroll	6.90% of Reportable Compensation
Member Contribution Rate as a percentage of payroll	7.00% of Reportable Compensation

Since you currently participate in a risk pool, your new miscellaneous members will participate in the Miscellaneous 2 percent at age 62 risk pool that was created by the CalPERS Board in November 2012 in response to the passage of PEPRA. The **employer** contribution rate listed above will be good until June 30, 2015. This rate will not be revised until the June 30, 2013 actuarial valuation of the Miscellaneous 2 percent at age 62 risk pool is completed in the fall of 2014 that will set the contribution requirement for fiscal year July 1, 2015 through June 30, 2016.

In accordance with PEPRA and CalPERS interpretation of the term similarly situated, the member contribution rate shown in the above table was set at 50% of the expected total

normal cost rate for the benefits that will apply to your new miscellaneous members on January 1, 2013 rounded to the nearest one quarter of one percent. The total normal cost rate used for this calculation is 13.9 percent of payroll. The normal cost rate was derived based on the benefit formula and final compensation period listed in the above table as well as all other optional benefit provisions you have contracted with CalPERS for your employees. Since the actual demographics of your new pool will not be known until new members are hired, and due to the limited time available for implementation of PEPPRA, the normal cost rate was derived based on the demographics of a pool of CalPERS employers and the actuarial assumptions used in the [Actuarial Cost Analysis](#) of AB 340. For information on how the normal cost was derived and the actuarial assumptions used, please refer to the following link on the CalPERS website at:

<http://www.calpers.ca.gov/eip-docs/employer/program-services/member-rates-pepra.pdf>

Note that the member contribution rate may change over time if the total normal cost for new members fluctuates by more than one percent of payroll over the estimated initial normal cost rate of 13.9 percent of payroll. The total normal cost rate will be impacted over time by the actual demographics of the Miscellaneous 2 percent at age 62 risk pool and the actuarial assumptions used in the funding of the retirement benefits. The member rate will be reviewed once a year when the actuarial valuation of your plan is performed. The first review is expected to be in conjunction with the June 30, 2013 actuarial valuation that will take place in the fall of 2014. Therefore, the member contribution rate listed in the above table is expected to remain unchanged until July 1, 2015.

For more information, you may visit the CalPERS website at [www.calpers.ca.gov](http://www.calpers.ca.gov). If you have questions, please contact the CalPERS Customer Contact Center at **888 CalPERS** (or 888-225-7377).

Sincerely,



ALAN MILLIGAN  
Chief Actuary



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9, 2013**

**DATE:** January 2, 2013  
**TO:** Board of Directors  
**FROM:** Eric Fraser, General Manager  
**SUBJECT:** Consideration and Approval of As-Needed Survey Consultant Services

---

**Recommendation**

Staff recommends that the Board of Directors approves the use of As-Needed Survey Consultants services for ongoing District Capital Improvement Projects as well as Maintenance and Operations Projects to Cozad & Fox, Inc., The Prizm Group, and Wayne Wheeler Jr., L.S.

These services will be provided on an as-needed basis at rates established upon the attached 2013 Fee Schedules for the listed Consultants.

Expenditures shall be based upon a specific project's requirements and will be completed at the time of need among the on-call contractors based upon Consultant availability and specific project needs.

**Background**

Staff has identified the need to create a pool of qualified, professional on-call survey consultants to provide surveying services for on going and future District Capital Improvement Projects as well as Maintenance and Operations projects.

The services provided by these consultants may include miscellaneous construction staking, control, boundary surveys and legal description preparation.

Compensation will be determined on the hourly personnel rates set forth in the attached fee schedules on a project by project basis. Each project will be assigned based on the District's needs related to the specific project.

**Fiscal Impact**

There is fiscal impact to the District which will occur on a case by case basis. The impact will be based on the selected Consultant's Fee Schedule and time used for the specific project.

Attachments:

- Schedule of Fees to Provide As-Needed Survey Services Various Projects within BCVWD's Service Area





- CIVIL / STRUCTURAL ENGINEERS
- MUNICIPAL CONSULTANTS
- SURVEYORS / PLANNERS
- WATER RESOURCES
- TRANSPORTATION

January 3, 2013

Eric Fraser, P.E.  
General Manager  
Beaumont-Cherry Valley Water District  
560 Magnolia Avenue  
Beaumont, CA 92223-2258

Phone (951) 845-9581

**RE: PROFESSIONAL LAND SURVEYING SERVICES**

Dear Eric,

**Providing comprehensive surveying to our municipal clients is just the type of service we feel we do best.** We have provided surveying and office survey support services through annual on-call agreements with the **Riverside County Transportation Department**, the **Riverside County Survey Department**, the **Eastern Municipal Water District**, the **City of Temecula**, and the **City of Banning**. We are also on the **Economic Development Agency** of Riverside County's list as one of their preferred consultants and recently the Riverside County Park and Open Space District awarded us an annual agreement to be their on-call survey consultant. Over the past 34 years we have also provided surveying services to the cities of **Hemet**, **Riverside**, **San Bernardino**, **Moreno Valley**, **Perris**, **Murrieta** and **San Jacinto** as well as **Rancho California Water District**, the **Elsinore Valley Municipal Water District**, the **University of California at Riverside**, **Cal Poly Pomona** and the **University of Redlands**. **Because we provide not only the field surveying services but also the surveying support services in the office to back up the survey team, we have developed a track record of being called back time and again to provide surveying services to these agencies.**

We believe **Cozad & Fox, Inc.** can provide the Beaumont Cherry Valley Water District and you with comprehensive, complete and worry free surveying services because:

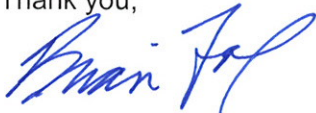
- **We maintain a manageable staff providing consulting survey services to only a select number of municipal clients.** As a result, **you get our best team** managed by a licensed land surveyor and the field crew is supported by staff in the office to verify completeness of fieldwork and to assist with design verification during construction surveying.
- **Our surveyors are highly skilled** and are able to perform most surveys as a 1-man survey crew which out perform our competitors' two-man survey crews. We have cutting edge equipment including Robotic Total Stations, a GPS base station located on the roof of our building and data collection software which allows us to **quickly and accurately perform surveys**. Also, by utilizing a 1-man survey crew will save the District money.
- **You'll get my personal commitment to be the Principal-in-Charge of your projects**, and I will be the one that will be at the table with you every step of the way.

- We have a track record of meeting and exceeding our client's expectations otherwise we wouldn't still be **on-call consultants to the Riverside County Transportation and Survey Departments, Eastern Municipal Water District** and several cities.

Our team can provide you and the Beaumont Cherry Valley Water District with either aerial or on the ground topographic surveying in either AutoCAD or Microstation format. Because our team has significant civil engineering design experience, we also believe we have a better understanding of the thoroughness of the field topographic surveying information that your staff needs in order to perform design. **During construction surveying, we also become "problem solvers"** working with your engineers and inspectors to resolve unexpected surprises in the field. Our crews also have provided topographic and construction survey services on County projects including the recent widening of over 8 miles of Highway 79, which included the relocations of transmission pipelines for EMWD.

To show our commitment to the District, I would like to bring our team in to you and introduce them, so that you can meet the people that will be making the commitment to provide excellent service to you. Included in the back of our Statement of Qualifications is our hourly fee schedule for your review.

Thank you,



Brian Fox, P.E., P.L.S.  
President



## EXECUTIVE SUMMARY

**Cozad & Fox, Inc.** can be available to the **Beaumont-Cherry Valley Water District** to provide professional land surveying services. We are familiar with the Water District standards and specifications; and can perform map checking, research maps, title reports, deeds, and instruments; prepare legal descriptions, plat maps, and other documents for right-of-way acquisition; and perform control, topographic, photogrammetric, boundary, and construction surveys. **Cozad & Fox, Inc.** is readily available to meet the District's schedule and has provided exactly these types of surveying services to many of the agencies in western Riverside County for over 34 years, including:

- **The City of Indio** where we are providing topographic and construction surveying for the Highway 111 Street Improvement Project and Monroe Street Electrical Under-Grounding Project. **Please call Tom Rafferty, Principal Civil Engineer at (760) 391-4017**
- The **Riverside County Survey Department** where **Cozad & Fox, Inc.** is one of only two consultants providing **"on-call surveying services"** to the survey department for construction of new roadway systems. Recent projects have included topographic survey of State Highway 79 from Thompson Road to Dominigoni Parkway; topographic and control surveys for the Paseo Grande Road Project; resetting monuments for Idyllwild, East Hemet, and Sun City Re-pavement projects; topographic and construction surveying for the Mayberry Avenue Re-pavement Project; widening and signalization of State Highway 79 at Auld Road in coordination with Caltrans; Van Buren Boulevard Median Project; and the new Pedley Maintenance Yard. **Cozad & Fox, Inc.** also provides map checking services for tract maps, parcel maps, and record of surveys. **Please call Ken Teich, County Surveyor, at (951) 955-6700.**
- The **City of Banning**, where we are **"on-call" survey consultants** for roadway construction. **Please call Duane Burke, at (951) 922-3130.**
- The **Eastern Municipal Water District**, where we have also been selected as one of only a few **"qualified consultants"** to provide "on-call surveying services" for construction of miles of water transmission mains, sewer mains, and reclaimed water pipelines. **Please call Karl Roland, Construction Administrator, at (951) 928-3777 x4442.**

We believe our firm can provide the best services to the Beaumont Cherry Valley Water District because:

- We maintain a manageable staff providing consulting services to only a small number of municipal clients. As a result, **you get our best team with one of our principals as the project manager** and two licensed land surveyors performing, reviewing, and checking your projects.
- **Our goal is to respond quickly to your needs with the quality and comprehensive service that you expect.**

## QUALIFICATIONS AND EXPERIENCE

### INTRODUCTION TO COZAD & FOX, INC.

**Cozad & Fox, Inc.** provides land surveying services for map checking, preparation of legals and plats for right-of-way acquisitions, control, boundary, topographic, construction, and right-of-way surveys; field monumentation, inspection, and tie-outs; replacement of lost monuments; preparation of tie sheets, corner records, and legal descriptions; review and making suggestions during construction surveying; and providing our own in-house quality assurance. Our land surveyors have also performed government land surveys, utilized the Bureau of Land Management's records, the County's record & database, and Flood Control resources. We routinely provide the control, targeting, and coordination of photogrammetric surveys with our aerial photogrammetric sub-consultant for the Eastern Municipal Water District, and other Agencies. We are also the "**on-call**" **surveying consultant** for:

- **The County of Riverside Transportation Department's Survey Section**
- **Eastern Municipal Water District**
- **The City of Banning**
- **Riverside County Regional Park & Open Space District**

During the past 31 years, we have also provided services to the cities of:

- |                 |                  |
|-----------------|------------------|
| • Apple Valley  | • Moreno Valley  |
| • Corona        | • Perris         |
| • <b>Hemet</b>  | • Riverside      |
| • Highland      | • San Bernardino |
| • Indio         | • San Jacinto    |
| • Lake Elsinore | • Temecula       |
| • Loma Linda    |                  |

And:

- **Caltrans**
- **The Economic Development Agency of Riverside County**
- The Metropolitan Water District of Southern California
- The Valley Wide Recreation and Park District
- Hemet Unified School District
- San Jacinto Unified School District
- Coachella Unified School District
- Hospital districts
- University of Redlands
- University of California at Riverside
- Rancho California Water District
- Elsinore Valley Municipal Water District
- Lake Hemet Municipal Water District
- Cal Poly Pomona

**LAND SURVEYING PROJECTS FOR  
BEAUMONT-CHERRY VALLEY WATER DISTRICT**

The Beaumont Cherry Valley Water District needs a land surveying consultant that can quickly assist the District to expedite projects. It is essential the District's land surveying consultant be responsive to the District's Engineering Department's needs and can mobilize staff and field crews quickly to assist the District. Our goal is to provide the Beaumont-Cherry Valley Water District with the best service possible.

- **Our surveyors have engineering experience.** We see the project from the prospective of the office and the field. Our experience in surveying, water infrastructure design and such diverse areas as hydrology, pipeline and utility design and inspection means our team can add value to the District's engineering staff because we know what they need.
- Although, we can provide our own in-house surveying services and can field three crews, we also do not hesitate to rely on sub-consultants for aerial photogrammetric flights or additional surveying services. Because of our moderate size, **our two licensed land surveyors are always directly involved with performing, reviewing, and quality assurance checking your projects.**
- **Before we begin a project, we prepare a detailed list of tasks required to complete the project.** The detailed tasks provide a basis for estimating our services, maintaining control and providing a scope of services to be included with the contract. When the District solicits a proposal from us we will provide both a project specific proposal, within the required deadline period, and a schedule for completion of the project.
- **Cozad & Fox, Inc.** performs our own in-house surveying with staff members that have significant office design experience. The survey crew uses "state of the art" survey equipment including "Robotic" electronic total stations with vertical axis compensation and full data collection interface with data collection software for fast and efficient data collection, stake-out and transfer to office computers. **Cozad & Fox, Inc.** also equips the crew with GPS receivers to perform static and real time kinematic surveys for large-scale control and aerial targeting surveys.

**PREVIOUS PROJECTS**

See attached.

**DBE SUBCONSULTANT**

**Cozad & Fox, Inc.** anticipates using in-house staff for surveying projects. However, if requested by the District, **Cozad & Fox, Inc.** will sub contract with a certified DBE company at the District's discretion.

### PAYMENT TO CONSULTANT

The Consultant shall submit invoices to the District every month. Invoices will include an hourly breakdown of time performed by each individual. **Cozad & Fox, Inc.** will only bill on an hourly basis not to exceed the total estimate without authorization from the District.

### STAFFING

**Cozad & Fox, Inc.**'s staff that will be assigned to your projects includes two land surveyors, and two field surveyors with Land-Surveyor-In-Training certificates. All surveying staff members have both extensive land surveying and civil engineering experience. **Cozad & Fox, Inc.** believes that having experienced professionals on the survey crew is the key to quality control. Our staff knows what data is required to be collected in the field during the design phase to be used by the District to prepare improvement plans. During the construction phase our staff can perform the construction staking and if constructability issues arise, our staff can apply their design skills to assist the District and the contractor to make field adjustments to insure that the project is constructed correctly.

### SUB-CONSULTANTS

**AERIAL SURVEY CONSULTANT – Inland Aerial Surveys** will provide aerial topographic flights and mapping of large scale or strip topographic projects. **Cozad & Fox, Inc.** will provide the ground control, targeting, and coordination for Inland Aerial Surveys to fly and prepare digital aerial topographic surveys for Beaumont Cherry Valley Water District projects.

### TEAM ORGANIZATION

All Beaumont Cherry Valley Water District surveying projects awarded to **Cozad & Fox, Inc.** will be managed by Brian Fox, P.L.S. or Robert Ollerton, P.L.S. When a Request for Proposal is received, the survey manager develops a scope of services including a task outline, a man-hour estimate for budgeting purposes, and a project schedule for completion of tasks. Project engineers and surveyors are assigned during the proposal phase in accordance with the specific needs of the project.

Final product can be provided to the District in hard copy format and/or digital format (latest versions of AutoCAD and Microstation). Field notes and cut sheets will be provided in a form acceptable to the District.

## PROJECT MANAGEMENT

Upon award of contract, an initial meeting is held between the project manager and District staff in order to confirm scope of services and project schedule and to identify any special requests or additional services. An in-house "project kick-off" meeting between the project manager and the project engineering staff is held to review the scope of services and task outline. Routine and unique tasks are identified during that meeting, the man-hour budget is discussed and goals are set to meet specific milestones. Duties and responsibilities of all staff members are discussed and confirmed and the project schedule is reviewed. A bar chart is developed to further assist staff in meeting task deadlines.

The project manager will review the project during our in-house daily meetings or at the 30%, 60%, 90%, and 100% completion points. Depending on the size and duration of the project, progress data may also be submitted to the District at 30%, 60%, 90% and 100% completion points. The project manager will update the District, either by telephone or mail, on a weekly basis. All telephone correspondence with the Client will be noted in the project file.

**Cozad & Fox, Inc.** strives to maintain close communication between our project manager and our clients during the course of each project in order to keep the project on task and on schedule.

## PROJECT SCHEDULING

**Cozad & Fox, Inc.** maintains a manageable staff who all are experienced surveyors. This provides us with flexibility to assign any of our staff members to the survey crew. Because we have also focused on providing consulting services to only a small number of municipal clients we have been able to maintain a manageable work back log so that we can quickly respond to client requests.

## INSURANCE COVERAGE

**Cozad & Fox, Inc.** currently possesses Professional Liability insurance coverage in the minimum amount of \$1,000,000.00. **Cozad & Fox, Inc.** also possesses \$2,000,000 general liability insurance and \$1,000,000 automobile insurance and \$1,000,000 of workers compensation insurance. Evidence of insurance can be forwarded to the District.

<b>AVAILABLE SERVICES</b>
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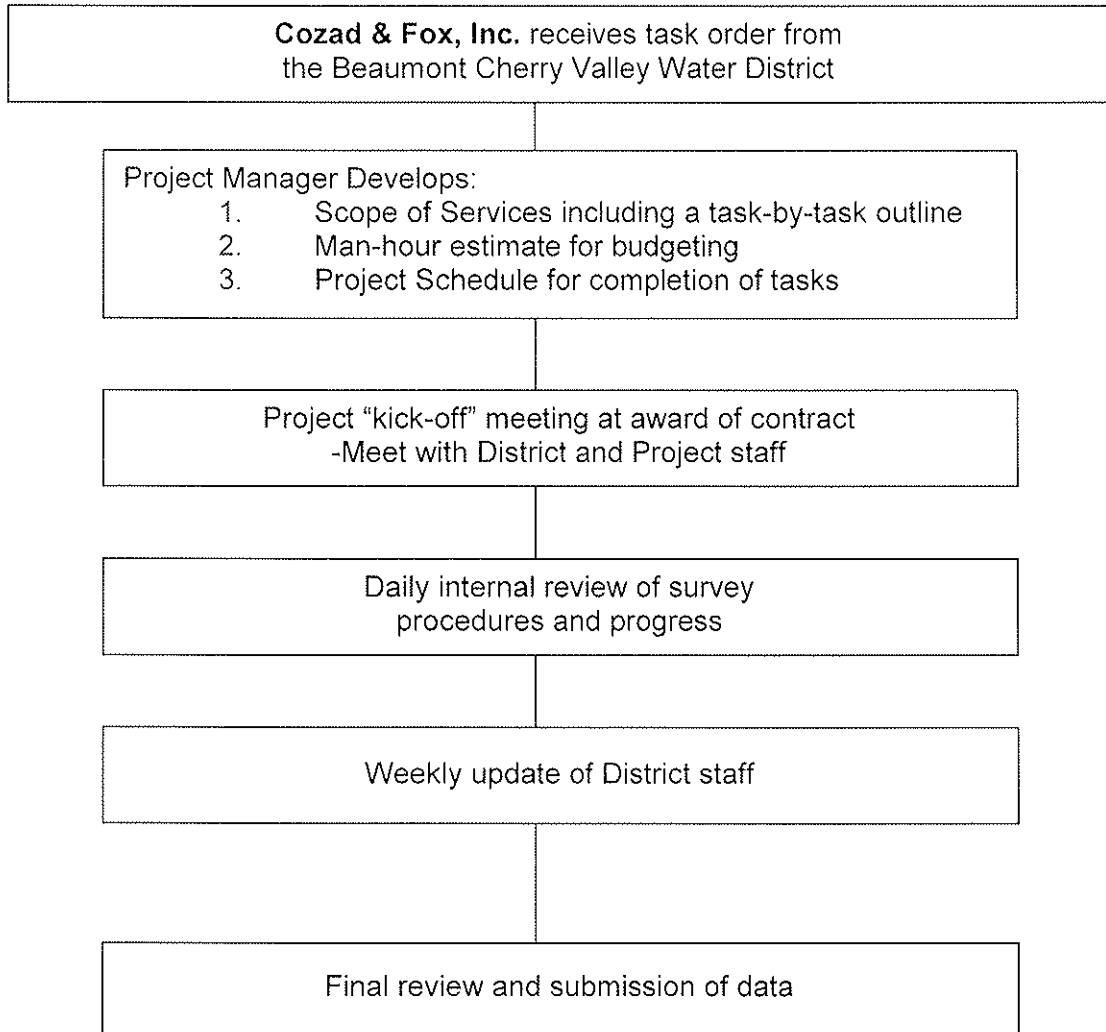
**Surveying  
Services**

- Aerial topographic surveys/photogrammetry
- "As-built" plans
- Boundary surveys
- Bureau of Land Management research
- Checking of parcel maps and final maps
- Checking of record of surveys and corner records
- Construction surveying
- Coordination with utility purveyors
- Engineering quantity takeoffs and construction cost estimates
- Field design during construction surveying
- Field locating of existing utilities
- Field monument inspection
- Field surveys of control nets and lines
- Field surveys of existing structures
- Field topographic surveys
- Mapping for the acquisition of right-of-way
- Precise level survey
- Preliminary route analysis
- Preparation of field notes, cut sheets, tie books, and corner records
- Preparation of legal descriptions and plat maps for annexations
- Survey division front counter research
- Utility research

<b>REFERENCES</b>
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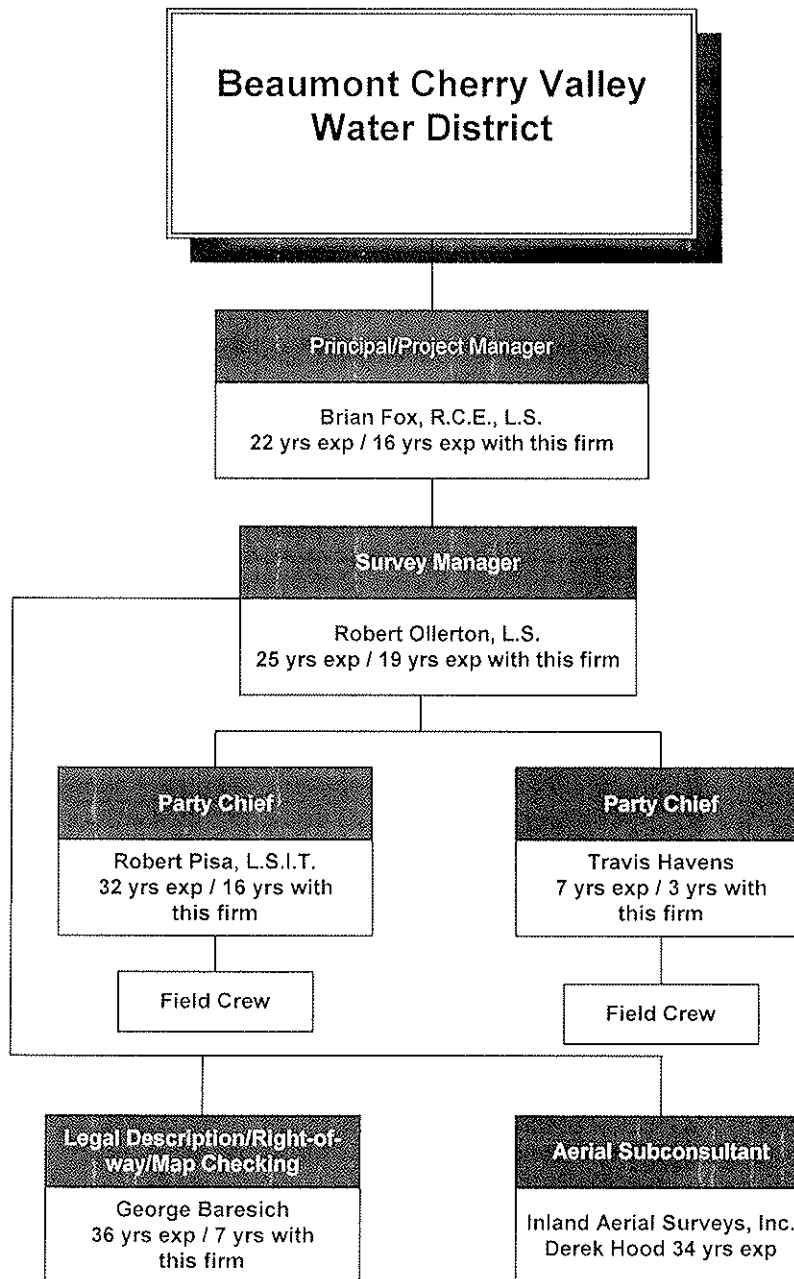
1. **County of Riverside**  
Mr. Juan Perez, P.E., T.E., **Director of Transportation**  
(951) 955-6740  
Mr. Ken Teich, L.S., **County Surveyor**  
(951) 955-6720  
Mr. Lawrence Tai, P.E., **Engineering Division Manager – Traffic Engineering**  
(951) 955-6816  
Mr. Ed Hunt, L.S., **Supervising Land Surveyor**  
(951) 955-6700  
On-Call Surveying Services. **5-year contract for surveying services. Contract has been renewed for a second term of 5 years.**
2. **City of Banning**  
Mr. Duane Burke, P.E., **Director of Public Works**  
(951) 922-3130  
On-Call Surveying Services.
3. **Eastern Municipal Water District**  
Charlie Bachman, P.E., **Assistant General Manager, Engineering**  
Erik Jorgensen, P.E., **Senior Civil Engineer**  
Hossein Juyburi, P.E., **Senior Civil Engineer**  
(951) 928-3777  
Multiple Projects, Annual agreements for Surveying Services for major water & reclaimed water transmission pipelines and major gravity sewers. **On-Call surveying services annual contracts.**
4. **City of Temecula**  
Mr. Amer Attar, P.E., **Senior Engineer**  
Capital Projects  
(951) 694-6411 x149  
**Multiple Projects: Land Surveying Consultants for boundary and topographic surveys, right-of-way acquisitions and preparation of legals and plats for City annexation.**
5. **The Economic Development Agency**  
Mr. Richard Medina, **Project Manager – 2<sup>nd</sup> Division**  
Limonite Street Widening Project  
(951) 955-9627  
**Topographic and construction survey services.**
6. **City of Indio**  
Mr. Tom Rafferty, P.E., **Principal Civil Engineer**  
(760) 391-4017  
**Topographic and construction survey services for multiple street improvement projects.**

## PROJECT FLOWCHART





## PROJECT ORGANIZATION CHART



Total combined Experience: over 150 yrs exp / over 60 yrs with this firm

**RESUMES**

**BRIAN D. FOX, M.S.C.E.  
PROFESSIONAL LAND SURVEYOR NO. 7171  
REGISTERED CIVIL ENGINEER NO. 57264**

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Brian Fox joined the firm of Cozad & Fox, Inc. in September of 1990. Mr. Fox has also worked for Metropolitan Water District where he performed GPS surveys at the Eastside Reservoir Project. While with MWD, Mr. Fox also performed construction surveys for pipelines, treatment facilities and pumping plants.

Mr. Fox's educational background includes a Bachelor of Science degree in Civil Engineering with Survey Option from California State Polytechnic University, Pomona, where he graduated Cum-Laude. He has also received a Master of Engineering degree from California State Polytechnic University, Pomona. In addition, he has completed extensive civil engineering course work at California State University, Long Beach.

As Project Engineer and Project Manager, Mr. Fox has been the team leader for both public and private sector civil engineering projects. Mr. Fox's experience includes GPS, topographic, and construction surveys; design of grading, drainage, and storm drain facilities; street and highway improvements; water and sewer improvements; storm channels; and hydrology and hydraulic studies. His particular interest in GPS and computers has lead to an extreme proficiency with current engineering and drafting methods.

Mr. Fox is a member of Chi-Epsilon, the Civil Engineering Honor Society; Tau Beta Pi; Phi Kappa Phi, the top 5 percent honor society; and Golden Key National Honor Society.

**Education**

Bachelor of Science - Civil  
Engineering-Survey Option  
California State Polytechnic  
University, Pomona, 1995  
Masters -- Engineering  
California State Polytechnic  
University, Pomona, 2001

**Registrations**

Professional Land Surveyor No.  
7171, California  
Registered Civil Engineer  
No. 57264, California

**Affiliations**

California Land Surveyors  
Association  
Chi Epsilon  
Tau Beta Pi  
Phi Kappa Phi  
Golden Key National Honor Society

**Publications**

A.C.S.M. Mobile Device for the Remote  
Mapping of Electric Fields

**ROBERT OLLERTON**  
**PROFESSIONAL LAND SURVEYOR NO. 7731**

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Robert Ollerton joined the firm of Cozad & Fox, Inc. in January of 1986. He has over 25 years of experience in the civil engineering and land surveying industries. As Survey Division Manager his responsibilities include the supervisions of the map checking for municipal agencies, preparation and processing of final maps, records of surveys, ALTA surveys, and field work performed by the firm's survey crews. He also has field experience working on boundary, construction, topographic and control surveys. His office experience includes preparing detailed survey and topographic maps; analyzing and reducing raw survey data for engineering surveys and mapping projects; performing research at various cities and counties for surveying projects; and preparing records of survey, parcel maps and tract maps.

Mr. Ollerton has performed engineering design for public works projects including grading, sewer, and water and storm drainage. He has implemented and supervised the use of AutoCAD, and Microstation based civil engineering and land surveying software; produced maps, studies and reports using ArcView and Arc/GIS geographic information systems software

**Education**

Surveying and civil engineering course work, University of California at Riverside and Mt. San Jacinto College.

Studies in geographic information systems (GIS) at University of California at Riverside.

**Registrations**

Professional Land Surveyor No. 7731

**Training**

AutoCAD  
MicroStation  
ArcView  
Arc/GIS  
PMS+ Pavement Management Software

**Affiliations**

California Land Surveyors Association

**ROBERT PISA.**  
**LAND SURVEYOR-IN-TRAINING NO. ZL004493**

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Robert Pisa joined the firm of Cozad & Fox, Inc. in 1995 after two years with J. N. Beeler and Associates of Riverside. His initial training in the engineering field began in 1980 while enlisted in the United States Air Force and included being selected to attend the military's Advanced Engineering Design School. After leaving the Air Force, Mr. Pisa worked on the Space Shuttle Program for Lockheed Space Operations Company at Vandenberg Air Force Base as a Designer for Facilities Support. In 1986, Mr. Pisa went to work for M. K. Welch Surveys of Santa Maria, California, developing his experience with state-of-the-art computerized surveying and engineering practices. Mr. Pisa relocated to the Inland Empire in 1991.

Mr. Pisa has served as Project Engineer for public and private sector civil engineering projects. His experience includes topographic surveys, construction surveys, grading and drainage plans, design of storm drainage facilities, street improvement plans, water and sewer plans, and survey maps required by the Subdivision Map Act

**Education**

A.S. - Animal Husbandry, State University of New York at Morrisville  
A.A. - Liberal Studies  
Allan Hancock College  
Advanced Engineering Design School - U.S.A.F.  
Bachelor of Arts - Liberal Studies  
California State University, San Bernardino

**Registrations**

Land Surveyor-In-Training  
No. ZL004493

**GEORGE BARESICH  
SENIOR SURVEY ANALYST**

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George Baresich joined the firm of Cozad & Fox, Inc. in April 2004 after working for the County of Riverside for 33 years as a Senior Engineering Technician. He has extensive experience in checking tract maps, parcel maps, records of survey, and corner records.

**Education**  
Orange County Community College  
Middletown, New York

As a map checker, he has developed a strong knowledge of the Subdivision Map Act, the Land Surveyor's Act, and County development ordinances and standards. He also worked in the County Right-of-Way Department preparing legal descriptions for County projects and checking legal descriptions and plats for private projects.

His field experience with the County includes geodetic control networks, first order level surveys to establish benchmarks, local control surveys and construction staking for Flood Control projects.

**TRAVIS HAVENS  
PARTY CHIEF**

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Travis Havens has over six years of field surveying experience and joined the team of Cozad & Fox, Inc. as party chief in May 2008. Mr. Havens' experience includes office coordinate geometry calculations, topographic surveys, boundary surveys, construction surveys, placement of aerial targeting and control surveys for water, sewer and recycled water facilities. Mr. Havens is knowledgeable both in the field application of the latest robotic total stations and GPS equipment as well as office survey analysis, coordinate geometry calculations and field data reduction. He has successfully construction stake site facilities and miles and miles of pipelines.

**Education**  
Bachelor of Arts  
Lindenwood University  
St Charles, MO 2001

## SUMMARY OF PREVIOUS PROJECTS

### FIELD SURVEYING PROJECTS

- Construction surveying for the Annual Resurfacing Program for the City of Moreno Valley
- Construction surveying for the Elsworth/Sherman Avenue Street Improvements Project for the City of Moreno Valley
- Dracaea Avenue Street Improvement Project for the City of Moreno Valley
- Surveying & Centerline monument replacement for Idyllwild Resurfacing and Reconstruction Project for the County of Riverside
- Topographic surveying for Winchester Road widening project for the County of Riverside
- Construction surveying for the Girard Street Sidewalk Construction Project for the County of Riverside
- Construction surveying for the Columbia Street Sidewalk Construction Project for the County of Riverside
- Construction Surveying for the Altanos Road Project for the County of Riverside
- Construction surveying for Rancho California Road/De Luz Project for the County of Riverside
- Construction staking for the East Hemet & Sun City Resurfacing Project for the County of Riverside
- Construction Surveying services for the Mayberry Avenue Project for the County of Riverside
- Monumentation & Record of Survey for Diaz Road Realignment Project for the City of Temecula
- Topographic survey for the Ronald Reagan Sports Park Desiltation Project for the City of Temecula
- Topographic Survey for Rancho California Road Improvements for the City of Temecula
- Field survey & grading plan for Temecula Library
- Pottery yard survey for City of Temecula
- Field control and topographic surveying of the Paseo Grande Road Project for the Riverside County Survey Department
- Control and topographic surveying for the Highway 79/Auld Road Widening Project
- Topographic survey, field design and construction staking for the Mayberry Avenue Pavement Rehabilitation Project
- Tie-out and re-establish centerline monuments for the Idyllwild Repaving Project
- Tie-out and reset monuments for the East Hemet and Sun City Repaving Project
- Van Buren Boulevard Off-ramp/Etiwanda Traffic Signal Engineering for the Riverside County Transportation Department
- Jefferson Avenue Topographic Survey for the City of Temecula



- CIVIL AND STRUCTURAL ENGINEERS
- MUNICIPAL CONSULTANTS
- SURVEYORS / PLANNERS
- WATER RESOURCES
- TRANSPORTATION

## SCHEDULE OF FEES

### GENERAL SCOPE OF SERVICES

**Cozad & Fox, Inc.** provides services in the fields of civil engineering, structural engineering, and land surveying in accordance with presently accepted professional practices. **Cozad & Fox, Inc.** does not provide services relating to construction safety and shall be held harmless by the contractor from any liability in this regard. In the event that the client requests termination of work prior to its completion, we reserve the right to complete, at the client's expense, such analysis and records as are considered necessary by us to place our files in order and/or to protect our professional reputation.

### PERSONNEL CHARGES - RATES PER HOUR

	BVCWD RATES
Principal Civil Engineer/Principal Land Surveyor/Structural Engineer .....	\$175.00
Senior Project Engineer .....	\$145.00
Project Engineer .....	\$125.00
Assistant Project Engineer .....	\$115.00
Administrative/Project Coordination .....	\$80.00
Typing, printing .....	\$40.00
Survey - Office Analysis .....	\$145.00
<b>*One Man Survey Crew .....</b>	<b>\$190.00</b>
Two Man Survey Crew .....	\$250.00
Extra Survey Crew Support (Traffic control, etc.) .....	Estimated by project

\* With today's advanced technology, most of our surveys are completed by a one-man survey crew.

### OTHER CHARGES

Expert Witness - Deposition and/or Court appearance..... Two times hourly rate  
Expert Witness - Research, Case Review and/or Preparation ..... Normal hourly rate  
Mileage to and from meetings or project site.....\$0.45/mile  
Reimbursable Expenses and Sub Consultants ..... Lump Sum

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## Executive Summary

The Prizm Group (**TPG**) was formed in 1998 with the corporate office in Norco, California. The background of the principals included design engineering and surveying of public works projects throughout Southern California. **TPG** provides surveying support services to civil engineering companies and public agencies such as the city of Corona, Azusa, Indio and Eastern Municipal Water District. With this mix of clientele **TPG** possess a combination of industry knowledge, contacts and technical expertise allowing us to be highly effective while providing practical solutions. Acting as an extension of our clients staff **TPG** personnel are able to take on time sensitive tasks and execute them in an efficient manner. Every staff member at **TPG** spends time working both in the office and in the field. This work approach has given each individual team member the experience to know how to approach and execute necessary tasks for a successful project. By working with our design engineer clients, and through experience on our own design projects, **TPG** has gained the patience and understanding necessary to identify, communicate, and solve conflicts that arise on any given project. Since inception **TPG** has provided services including complete subdivision planning, engineering design and construction surveying, water, reservoir, sewer, street, and storm drain engineering design and construction surveys, plant 3-D modeling design and construction surveys, volume studies, records of survey, and legal description exhibit preparation.

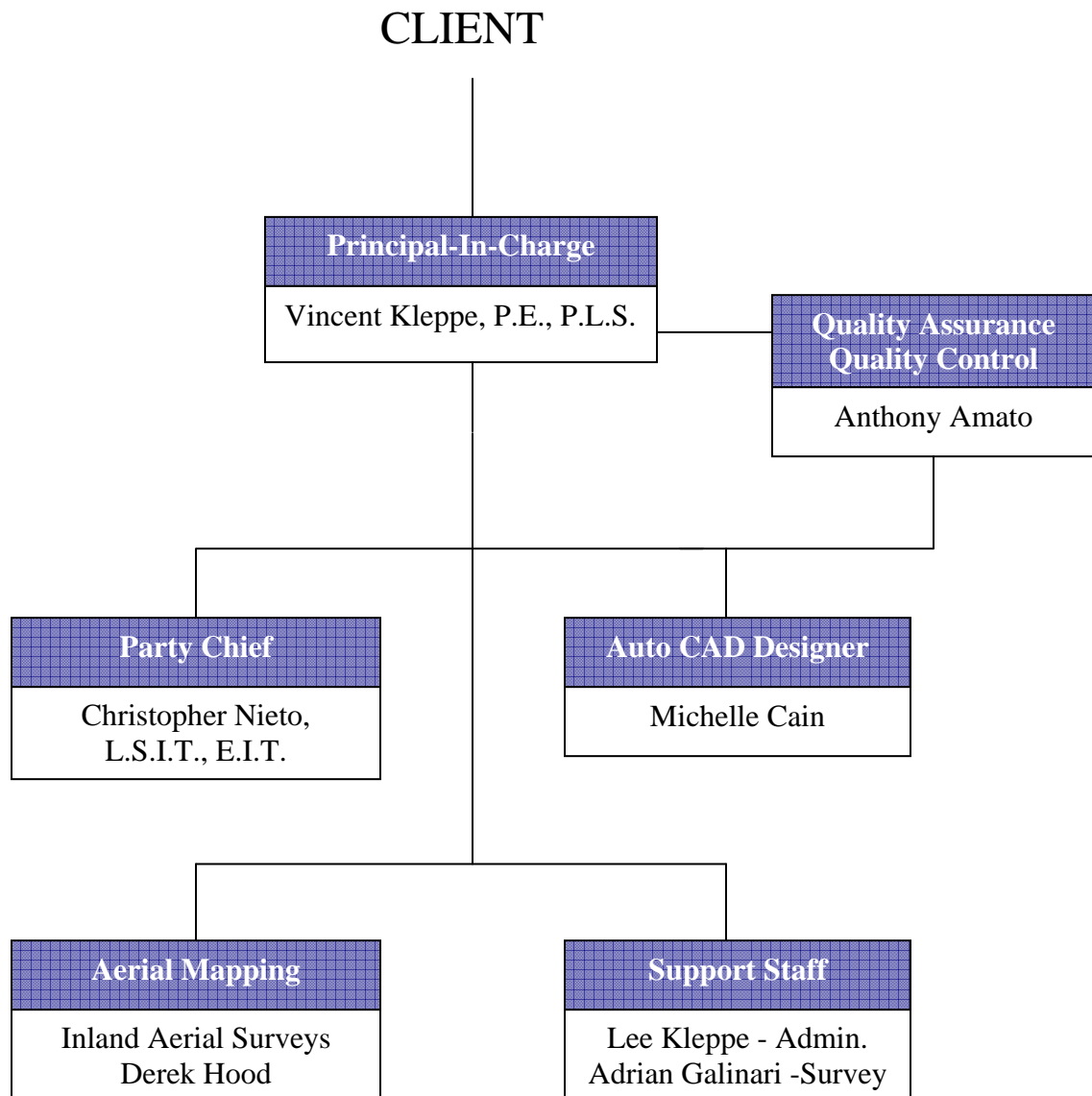


**TPG** currently maintains one corporate office in Corona, California with five employees. The office is located at the intersection of the 15 and 91 freeways. Our mixture of new and on going projects revenue from both private and public agencies has allowed **TPG** to maintain a conscientious and enthusiastic staff fiscally capable of providing and managing a variety of survey projects.





## Organizational Chart



## Qualifications

**TPG** is owned and operated by Vincent Kleppe, who has been a Licensed Land Surveyor and a Registered Civil Engineer for over 15 years. The dual licensure of the owner has allowed **TPG** to provide services in both disciplines which has resulted in a thorough understanding of the need for complete and accurate field surveys, based on our experience with design drawing preparation. Whether it is collecting enough topographic data for the project design or providing enough information on construction drawings on a complicated site, **TPG's** staff has a well-rounded view of both perspectives. We want to give the client what they need to get the job done right. Our full compliment of survey equipment includes robotic total stations, rtk gps equipment, and Leica hds 3d laser scanners. This arsenal of equipment allows us to be flexible in our approach and to take the right equipment to the job and execute the required tasks in a safe and reliable manner.



**TPG** provides land surveying support services directly to the City of Corona Public Utilities Department, City of El Monte, West Valley Water District, and Waste Management, for numerous water system, site expansion, and street improvement projects. **TPG** provides services such as aerial control, design topographic surveying, centerline resolution, construction staking, monument ties, and corner record preparation. **TPG** provided aerial control, design surveying and centerline resolution services on EMWD projects to Engineering Resources, Inc on Reach 16, 16-2, Markham Street, and Hemlock Street pipelines, and to PBS&J on the Scott Road pipeline project. Each of these projects were also construction staked by **TPG** under direct contract with EMWD. **TPG** performed settlement monitoring surveying on the EMWD La Piedra Road and I-215 bore and jack to Caltrans standards for Krieger & Stewart, Inc. Other support services to Engineering Resources for EMWD projects included boundary surveying and record of survey monumentation of the Covey booster station, Good Hope pumping plant, Evans Street well, and the River and Soboba Street well sites. Our experience in subdivision engineering has provided **TPG** with proficient experience in all phases of plan development from record and utility research to final survey monumentation with construction staking and as-built documentation in between. We have also become well versed at preparing easement legal descriptions and plats. As part of our on going surveying services provided to Waste Management at the El Sobrante, Azusa, and Bradley landfills **TPG** has become an asset to the client as a source of archived information on each site. From topographic surveys, volume studies to as-built utility and gas well documentation, **TPG** provides field support and data to both the client and the other consultants who provide services to each site.

## Relevant Experience

- Project:* **EMWD Reach 16 Recycled Waterline Design Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide aerial control design survey for 4.8 mile pipeline alignment in Hemet California. Field work included setting aerial control targets, locating existing centerline monumentation, and measuring pothole locations.
- Project:* **EMWD Reach 16 Recycled Waterline Construction Staking**  
*Client:* Eastern Municipal Water District  
*Contact:* Abe Mendoza (951) 928-3777  
*Description:* Provide construction surveying for approximately 4.8 miles of 24" pipeline alignment in Hemet California. Survey services included alignment video staking, centerline monument ties and re-sets, railroad crossing bore & jack settlement monitoring, and pipeline alignment staking.
- Project:* **EMWD Markham Street Waterline Design Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide aerial control design survey for 2850 lf pipeline alignment in Perris California. Field work included setting aerial control targets, locating existing centerline monumentation, and measuring pothole locations.
- Project:* **EMWD Markham Street Waterline Construction Staking**  
*Client:* Eastern Municipal Water District  
*Contact:* William Chen (951) 928-3777  
*Description:* Provide construction surveying for approximately 2850 lf of 18" pipeline alignment in Perris California. Survey services included alignment video staking, centerline monument ties, and pipeline alignment staking.
- Project:* **EMWD Hemlock Street Waterline Design Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide aerial control design survey for 2700 lf pipeline alignment in Moreno Valley California. Field work included setting aerial control targets, locating existing centerline monumentation, and measuring pothole locations.

## Relevant Experience - continued

*Project:* **EMWD Hemlock Street Waterline Construction Staking**

*Client:* Eastern Municipal Water District

*Contact:* William Chen (951) 928-3777

*Description:* Provide construction surveying for approximately 2700 lf of 18" pipeline alignment in Moreno Valley California. Survey services included alignment video staking, centerline monument ties, and pipeline alignment staking.

*Project:* **EMWD Reach 16-II Recycled Waterline Design Survey**

*Client:* Engineering Resources of Southern California, Eastern Municipal Water District

*Contact:* Matt Brudin (951) 765-6622

*Description:* Provide aerial control design survey for 5.2 mile pipeline alignment in Hemet California. Field work included setting aerial control targets, locating existing centerline monumentation, and measuring pothole locations.

*Project:* **EMWD Reach 16-II Recycled Waterline Construction Staking**

*Client:* Eastern Municipal Water District

*Contact:* Karl Roland (951) 928-3777

*Description:* Provide construction surveying for approximately 5.2 miles of 24" pipeline alignment in Hemet California. Survey services included alignment video staking, centerline monument ties and re-sets, and pipeline alignment staking.

*Project:* **EMWD Scott Road Water Transmission Pipeline Design Survey**

*Client:* PBS&J, Eastern Municipal Water District

*Contact:* Erik Howard (951) 743-3367

*Description:* Provide aerial control design survey for 2.5 mile pipeline alignment in Winchester California. Field work included setting aerial control targets, locating existing centerline monumentation, and measuring pothole locations.

*Project:* **EMWD Scott Road Water Transmission Pipeline Construction Staking**

*Client:* Eastern Municipal Water District

*Contact:* Karl Roland (951) 928-3777

*Description:* Provide construction surveying for approximately 2.5 miles of 24" and 30" pipeline alignment in Winchester California. Survey services included alignment video staking, centerline monument ties and re-sets, and pipeline alignment staking.

## Relevant Experience - continued

- Project:* **EMWD Scott Road Booster Station Construction Staking**  
*Client:* PBS&J, Eastern Municipal Water District  
*Contact:* Erik Howard (951) 743-3367  
*Description:* Provide construction surveying for booster station site. Site staking included rough grade, perimeter retaining wall, pump cans, ribbon gutters, asphalt surface, and curb and gutter staking.
- Project:* **EMWD La Piedra Road and I-215 Bore & Jack Settlement Monitoring Survey**  
*Client:* Krieger & Steward, Inc, Eastern Municipal Water District  
*Contact:* Phil Strom (951) 684-6900  
*Description:* Provide a settlement monitoring grid survey of 81 points for the bore and jack of a 48" casing across the 215 freeway at La Piedra Road in Sun City California. The survey points had to be monitored daily, per Caltrans requirements, from a remote position as bore and jack activities progressed.
- Project:* **EMWD Covey Booster Station Record of Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide boundary survey and record of survey monumentation for booster station site located at Perris Blvd and Fran Lou Drive in Moreno Valley, California.
- Project:* **EMWD Good Hope Pumping Plant Record of Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide boundary survey and record of survey monumentation for pumping plant site located on Ellis Avenue in unincorporated Riverside County, California.
- Project:* **EMWD Evans Street Well Site Record of Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide boundary survey and record of survey monumentation for well site located at Evans Street and Old Mountain Avenue in San Jacinto, California.

## Relevant Experience - continued

- Project:* **EMWD River and Soboba Street Well Site Record of Survey**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide boundary survey for well site located at River and Soboba Street in Hemet, California.
- Project:* **EMWD Tract 25569 Monumentation**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Perform field control survey to verify and re set property corner monuments destroyed by EMWD during reservoir access road grading activities. Services included field surveying, corner record preparation, and filing with the County of Riverside Surveyor.
- Project:* **EMWD Hemet/San Jacinto Treatment Plant**  
*Client:* Southwest Surveys/Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide construction staking for water line and sludge drying bed improvements to the Hemet/San Jacinto Treatment Plant facilities in San Jacinto, California.
- Project:* **EMWD Ramona Expressway Pipeline**  
*Client:* Engineering Resources of Southern California, Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide aerial topography control surveys for approximately 8.5 miles of pipeline alignment in Lakeview California. Survey services included locating existing centerline monumentation and placing aerial targets along the alignments.
- Project:* **EMWD Devonshire Pipeline Replacement**  
*Client:* Southwest Surveys/Eastern Municipal Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide construction staking for water line replacement in Devonshire Street at Sanderson Ave. (500+/- lineal feet) in San Jacinto, California.
- Project:* **City of El Monte Transit Village ALTA Survey**  
*Client:* City of El Monte Redevelopment Agency  
*Contact:* Rene Bobadilla (626) 580-2001  
*Description:* Perform ALTA survey and aerial mapping of developed 24 acre site to be utilized for the design of a new Transit Village bus station and mixed use development. Services included boundary surveying, street cross section surveys, right of way and easement plotting.



## Relevant Experience – continued

- Project:* **Elsinore Valley Municipal Water District Wildomar Recycled Waterline**  
*Client:* Kaufman Consultation, Inc./EVMWD  
*Contact:* Neil Kaufman (951) 696-9100  
*Description:* Provide construction staking surveying for approximately 5.4 miles of 6" and 8" pipeline alignment in Wildomar California. Survey services included alignment video staking, utility location mapping, and pipeline alignment staking.
- Project:* **SBMWD Verdemont area Water Facilities Design Survey**  
*Client:* PBS&J, City of San Bernardino Municipal Water District  
*Contact:* Erik Howard (951) 743-3367  
*Description:* Provide aerial control design survey for 2.5 mile pipeline alignment in San Bernardino California. Field work included setting aerial control targets, locating existing centerline monumentation, performing detail topographic surveys, recovering bench marks on NGVD29 and NAVD88 datum's, and measuring pothole locations. The survey was performed in state plane coordinates and bench marks set at three reservoir sites. Services also included boundary survey and record of survey preparation for Cajon, Devore, Palm, and East reservoir sites along with the Magnolia booster station site.
- Project:* **Mission Springs Water District Project No. 28**  
*Client:* Engineering Resources/Mission Springs Water District  
*Contact:* Matt Brudin (951) 765-6622  
*Description:* Provide design survey cross sectioning and construction staking of Via Vista, Via Quedo, Via Montana, Avenida Monteflora, Avenida Ramada, Avenida Florencita, and Camino Campesino (11,000 lineal feet) for total roadway replacement, and provide staking for waterline replacement in each street. Additionally, centerline monuments were tied out and reset after completion of construction.
- Project:* **Running Springs Water District Lift Station No. 6**  
*Client:* Engineering Resources/Running Springs Water District  
*Contact:* Brian Thomas (909) 890-1255  
*Description:* Provide design topographic surveys and construction staking for access road improvements and re construction of lift station No. 6 that was burned out during a forest fire in Running Springs, California.
- Project:* **WVWD Terrace Road Pipeline**  
*Client:* Engineering Resources/West Valley Water District  
*Contact:* Ron Worthington (909) 890-1255  
*Description:* Provide aerial topography control survey for approximately 4,000 lf of pipeline alignment in Rialto California. Survey services included locating existing centerline monumentation and placing aerial targets along the alignment.

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## Relevant Experience - continued

*Project:* **WVWD Well W-2 Boundary Survey**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide boundary survey of Well W-2 in San Bernardino California. Survey services included locating and marking existing boundary monumentation.

*Project:* **WVWD Well W-50 Boundary Survey**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide boundary survey of Well W-50 in San Bernardino California. Survey services included locating and marking existing boundary monumentation.

*Project:* **WVWD Eucalyptus Avenue Zone 2 Waterline**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide aerial topography control survey and construction staking for approximately 1,800 lf of 12" pipeline alignment on Eucalyptus Avenue in Fontana California. Survey services included locating existing centerline monumentation, placing aerial targets along the alignment, cut sheet preparation, and construction staking of the final pipeline design.

*Project:* **WVWD Terra Vista Drive Waterline**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide aerial topography control survey and construction staking for approximately 5,300 lf of 30" pipeline alignment on Terra Vista Drive in Fontana California. Survey services included locating existing centerline monumentation, placing aerial targets along the alignment, cut sheet preparation, and construction staking of the final pipeline design.

*Project:* **WVWD Pepper Avenue Zone 2 Waterline**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide aerial topography control survey and construction staking for approximately 2,000 lf of 18" pipeline alignment on Pepper Avenue and Valley Blvd in Fontana California. Survey services included locating existing centerline monumentation, placing aerial targets along the alignment, cut sheet preparation, and construction staking of the final pipeline design.



## Relevant Experience - continued

*Project:* **WVWD Zone 6-2 Booster Station**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide construction staking for zone 6-2 booster station improvements in Fontana California. Services included cut sheet preparation and staking of site piping, building corners, and fencing on site.

*Project:* **WVWD Zone 5-2 Booster Station**

*Client:* Engineering Resources/West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide construction staking for zone 5-2 booster station improvements in Fontana California. Services included cut sheet preparation and staking of site piping, building corners, and fencing on site.

*Project:* **Riverside Avenue 12" Irrigation Replacement Pipeline**

*Client:* Engineering Resources/ West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide construction staking of 12" irrigation replacement pipeline in Riverside Avenue from the existing Sand Box structure to Knollwood Avenue (3460 lineal feet) in Rialto, California.

*Project:* **Oliver P. Romero Water Filtration Facilities Improvements**

*Client:* Engineering Resources/ West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide aerial targets for the design survey and subsequently, construction staking for plant modifications including two concrete basins, pump structures, site piping, and grading including 1000 lineal feet 24" waterline in Riverside Avenue in Rialto CA.

*Project:* **Zone 3 Waterline Improvements 1999**

*Client:* Engineering Resources/ West Valley Water District

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide aerial targets and design survey and subsequently construction staking for 960 lineal feet of 8" replacement pipeline in Olive Street, and 1300 lineal feet total of 6" replacement pipeline in Portola and Alameda Avenues in Rialto CA.

*Project:* **City of Loma Linda Sierra Vista Street Waterline Improvements**

*Client:* Engineering Resources/ City of Loma Linda

*Contact:* Ron Worthington (909) 890-1255

*Description:* Provide aerial targets and design survey for pipelines in Sierra Vista Street, and Barton Road in Loma Linda CA.

## Relevant Experience - continued

- Project:* **29 Palms Water District 2 Mile Road Booster Station Site**  
*Client:* Engineering Resources/ 29 Palms Water District  
*Contact:* Ron Worthington (909) 890-1255  
*Description:* Provide aerial targets, design survey and subsequently construction staking for booster station site on 2 Mile road in 29 Palms CA. Services included records research, aerial control survey, cut sheet preparation and staking of site piping, building corners, and fencing on site.
- Project:* **29 Palms Water District 2400 Reservoir Site**  
*Client:* Engineering Resources/ 29 Palms Water District  
*Contact:* Ron Worthington (909) 890-1255  
*Description:* Provide aerial targets, design survey and subsequently construction staking for the 2400 zone reservoir site in 29 Palms CA. Services included records research, aerial control survey, cut sheet preparation and staking of site grading, piping, reservoir center, and fencing on site.
- Project:* **29 Palms Water District 2260 Reservoir Site**  
*Client:* Engineering Resources/ 29 Palms Water District  
*Contact:* Ron Worthington (909) 890-1255  
*Description:* Provide aerial targets, design survey and subsequently construction staking for the 2260 zone reservoir site in 29 Palms CA. Services included records research, aerial control survey, cut sheet preparation and staking of site grading, piping, reservoir center, and fencing on site.
- Project:* **BBARWA Route 18 Outfall Pipeline Relocation Staking**  
*Client:* Big Bear Area Regional Wastewater Authority  
*Contact:* Joe Hanford (909) 261-1099  
*Description:* Provide construction staking of 510 lf of 16" and 275 lf of 12" outfall sewer line along Highway 18 on the North side of Big Bear Lake. Services included coordinating survey control with Caltrans, cut sheet preparation and staking of the outfall pipeline re alignment required by proposed improvements to Highway 18.
- Project:* **LHMWD Wilson Tank Construction Staking**  
*Client:* S&B Surveys, Inc./Lake Hemet Municipal Water District  
*Contact:* Scott Brimhall (951) 658-1727  
*Description:* Provide construction staking miscellaneous improvements on the new Wilson Water Reservoir site. Services included, cut sheet preparation and construction staking.

## Relevant Experience - continued

*Project:* **Saugus Wastewater Reclamation Plant Laser Scanning and 3-D Modeling**

*Client:* County Sanitation Districts of Los Angeles County

*Contact:* Maria Payne (562) 699-7411

*Description:* Perform 3-D laser scanning of piping galleries 1 and 2. Scans were registered to a common plant coordinate system and the galleries and piping facilities were modeled in 3-Dimensions and exported to Microstation format. County personnel utilized the 3-D model as a basis for retrofit design and interference detection for new piping facilities.

*Project:* **CSDLA JWPCP Carson Boiler Laser Scanning**

*Client:* County Sanitation Districts of Los Angeles County

*Contact:* Maria Payne (562) 699-7411

*Description:* Perform 3-D laser scanning (26 scans) of piping and mechanical equipment at the Joint Water Pollution Control Plant in Carson. Scans were registered to a common plant coordinate system and provided to the County for 3-D modeling to be used as a basis for retrofit design and interference detection for new piping facilities.

*Project:* **CSDLA Joint Plant Southerly Chiller Building Laser Scanning**

*Client:* County Sanitation Districts of Los Angeles County

*Contact:* Maria Payne (562) 699-7411

*Description:* Perform 3-D laser scanning (68 scans) of piping and mechanical equipment southerly chiller building in the central plant of CSDLA. Scans were registered to a common plant coordinate system and provided to the County for 3-D modeling to be used as a basis for retrofit design and interference detection for new piping facilities.

*Project:* **SAWPA Temescal Valley Regional Interceptor Pipeline**

*Client:* Engineering Resources of Southern California, Santa Ana Water Projects Authority

*Contact:* Matt Brudin (951) 765-6622

*Description:* Provide construction surveying for approximately 6.5 miles of pipeline alignment in Elsinore California. Survey services included alignment video staking, centerline monument ties and re-sets, pipeline alignment staking, and jack and bore settlement monitoring for Highway 74 crossing.

*Project:* **Palisades Drive Waterline Project No. 31-701**

*Client:* City of Corona

*Contact:* Eric Shoenen (951) 279-3675

*Description:* Provide construction staking and utility research services for the construction of Approximately 4,000 feet of new water main in Palisades Drive.

## *Vincent G. Kleppe – Principal Engineer*

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**Education:** Bachelor of Science in Civil Engineering (Survey Emphasis)  
California State Polytechnic University, Pomona, 1993

Master of Science in Engineering (Structural Emphasis)  
California State Polytechnic University, Pomona, 1999

**Registrations:** Professional Land Surveyor No. 7181, California  
Registered Civil Engineer No. 55750, California

**Affiliations:** California Land Surveyors Association  
American Society of Civil Engineers  
Chi Epsilon

Vincent Kleppe has worked in the Civil Engineering field for over nineteen years. Mr. Kleppe attended Cal-Poly Pomona where he earned his Bachelor of Science degree in Civil Engineering - Survey Option. Mr. Kleppe is a member of Chi-Epsilon, the Civil Engineering Honor Society.

Mr. Kleppe has served as Project Manager for public and private sector civil engineering and surveying projects. His experience includes design and preparation of contract documents (construction drawings and specifications) for various private and public works projects, including water mains, pressure regulating stations, sewers and sewage force mains. Preparation of grading plans for single residential and multi lot tracts, including hydrology analysis, storm drain design, preparation of storm water pollution prevention plans, landfill site drainage maintenance plans and reports, and street improvement design. Construction observation of public works construction projects, including water storage reservoirs, water and sewer mains, well drilling and aquifer development.

Surveying using robotic total station, RTK gps, and HDS 3-D laser scanning equipment, topographic surveys, construction staking (including pipeline and building layout, slope staking, curb and gutter, and site finish grade staking), abandoned well location, and boundary surveying and monumentation. Preparation of tract and parcel maps, lot line adjustments, legal descriptions and plats for grant deeds and grants of easements, including research of land ownership and past transfers of title.

Mr. Kleppe has experience in software including: AutoCAD, Eagle Point engineering software, Bentley V8, Cyclone 3-d modeling software, ESRI Arcview, and Leica Ski Pro gps processing software.

Mr. Kleppe is currently in charge of managing and directing daily field and office services which include overseeing design of multi lot subdivisions, processing of construction and topographic survey field data for private and public works projects, maintaining survey data from landfill sites, and scheduling of field survey crews.

Mr. Kleppe has extensive experience with state of the art surveying equipment including robotic total stations, global positioning surveying (gps), and the latest Leica High Definition Surveying 3-D laser imaging system. Mr. Kleppe has instructed a 3-D laser scanning and modeling class at California Polytechnic University at Pomona.

## *Anthony L. Amato – Business Manager*

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**Education:** Bachelor of Arts in Business Administration (Economics Emphasis)  
California State University, San Bernardino, 2001

Associate of Science in Business Administration  
Riverside Community College, Riverside, 1999

**Experience:** The Prizm Group, Inc.  
Corona, CA 2004 to Present  
Business Manager

Stater Bros. Markets  
Colton, CA 1986 to 2004  
Department Manager

Anthony Amato has worked in the Civil Engineering and Land Survey field for seven years. Mr. Amato attended Cal State San Bernardino where he earned his Bachelor of Arts degree in Business Administration - Economics Emphasis.

Mr. Amato has served as a Business Manager for The Prizm Group working in both public and private sector civil engineering and surveying projects. Mr. Amato is currently in charge of managing daily office and field services which include managing personnel, maintaining personnel records, Human Resource compliance, insurance compliance, client liaison services, scheduling and support of field survey crews, records research, project review & coordination with public & private agencies, maintaining survey field data, and computer information services.

Prior to Mr. Amato's experience in the Civil Engineering and Land Surveying industry he worked as a manager in the retail grocery industry. His responsibilities included scheduling and budgeting staff of up to 12 employees, supervising and training of employees, promotional interviews, marketing for increased sales volume, and increasing department gross profit.

In addition to his managerial experience Mr. Amato has experience in surveying using both total station and gps equipment for aerial topography targeting, topographic surveys, construction staking (including pipeline and building layout, slope staking, curb and gutter, and site finish grade staking), abandoned well location, and boundary surveying and monumentation.

Mr. Amato has experience in computer software including: Microsoft Word, Excel, & Access, and Internet browsing & FTP software.

## *Christopher Nieto – Party Chief/Drafter*

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- Education:** Currently in the Civil Engineering Program  
Cal Poly Pomona, Pomona, CA
- Associate of Science, Computer Aided Design  
Riverside Community College, Riverside, CA
- CAD Drafting Certificate  
Riverside Community College, Riverside, CA
- Experience:** The Prizm Group, Incorporated 2005-Present  
Limited Brands LLC, 2002-2005
- Registrations:** Land Surveyor-In-Training, State of California  
Engineer-In-Training, State of California

Mr. Nieto has been working in the survey industry for over five years. He has worked on numerous public and private sector surveying projects during the course of his work experience. He has experience in topographic surveys, as-built surveys, and construction surveys as a Rodman and as a Party Chief for the last four years. Chris performs survey calculations, downloads survey data, and drafts topographic survey maps. Chris is currently completing his education in the field of Civil Engineering at Cal Poly Pomona.

Mr. Nieto has experience in computer software including: AutoCAD 2000i & 2004, Eagle Point, Ski Pro, Photoshop 6.0 & 7.0, PowerPoint, Word, and Excel.

Mr. Nieto is team oriented and works well in a group or as an individual. He is proactive and enjoys the day-to-day challenges he faces both in the field and with work in the office. His education has helped to fortify his performance in his current position.



January 2, 2013

Beaumont Cherry Valley Water District  
Attn: Eric Fraser  
560 Magnolia Avenue  
Beaumont, CA 92223-2258

**Subject: Proposed Prevailing Wage Rates for 2013**

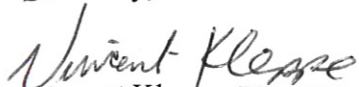
Dear Mr. Fraser:

As requested by Dan Jagers earlier today I have attached a schedule of our 2013 prevailing wage hourly billing rates for surveying services. Our hourly billing includes drive time to and from the work site. I understand that the District may require the services of a land surveying firm in the near future. The Prizm Group would be delighted to assist the District in any way possible. For surveying we normally require a 48 hour advance notice for field work after we have accomplished an initial control survey.

I look forward to hearing from you.

If you have any questions please contact me at (951) 737-4406, fax: (951) 737-4407.

Sincerely,

  
Vincent Kleppe, PE, PLS, MS  
Principal Engineer  
The Prizm Group

2013 rates Letter.doc



## Prevailing Wage Hourly Fee Schedule 2013

### **Classification**

### **Rates \$/Hr.**

#### ***Surveying Services***

Principal Surveyor	\$125.00
Associate Surveyor	\$95.00
Staff Surveyor	\$85.00
1 Man Crew with Survey Truck and Robotic Equipment	\$160.00
1 Man Crew with Survey Truck and GPS Equipment	\$185.00
2 Man Crew with Survey Truck and Robotic Equipment	\$210.00
2 Man Crew with Survey Truck and GPS Equipment	\$230.00
3-D Laser Imaging System Scanning	\$300.00

#### ***Support and Technical Services***

Cad Drafting Designer	\$95.00
Staff Secretary	\$55.00
Utility Clerk	\$45.00

#### ***Outside Services***

Special Consultants and Purchased Services	Cost + 15%
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#### ***Reimbursement Expenses***

Vehicle Mileage (excluding survey trucks)	0.45/Mile
Air Fare, Ground Fare, Parking, and Subsistence	cost
Copies, prints, telephone, delivery, and sundry charges	cost + 15%

The above rates are subject to change on or about July 1 each year due to salary and cost increases.

January 02, 2013

**SURVEY SERVICES**

- . GPS/Geodetic Control
- . Cadastral Surveys
- . Photogrammetric GIS/LIS Control
- . Construction surveys

**Licensed**

Certified Federal Surveyor #1316 2009	California	L.S.	#6445	1990
South Dakota L.S. #5085 1991	Arizona	L.S.	#15771	1983
Nebraska L.S. #409 1982	Colorado	L.S.	#20164	1982

**Affiliations**

California Land Surveyors Association  
Professional Land Surveyors Association of Nebraska  
California Geodetic Control Committee  
Aircraft Owners and Pilots Association

**FEE SCHEDULE / 2013**

LS Office/Computer/GPS	\$125/hr.
Field w/Vehicle	\$145/hr.
GPS Survey Crew (One Rover)	\$195/hr.
GPS Survey Crew (Two Rovers)	\$245/hr.
2-person Survey Crew (w/ Robotic Tot. Sta.)	\$195/hr.
1-person Survey Crew (w/ Robotic Tot. Sta.)	\$175/hr.
Chainman/Flagman	\$65/hr.
Chainman//Equipment/Vehicle	\$105/hr.

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT

(Complete one Section E for each key person.)

12. NAME  Wayne W. Wheeler, Jr., LS	13. ROLE IN THIS CONTRACT  Program/Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL  27 years	b. WITH CURRENT FIRM  22 years
15. FIRM NAME AND LOCATION (City and State)  WAYNE W. WHEELER, JR., LS			
Specialization Cadastral and Geodetic Control. Public Land Survey System/Certified Federal Surveyor, CFedS #1316		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) California LS #6445, 1990 Arizona, LS #15771, 1983 Colorado, LS #20164, 1982 South Dakota, LS #5085, 1991 Nebraska, LS #409, 1982	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

California Land Surveyors Association, Professional Land Surveyors Association of Nebraska  
California Geodetic Control Committee, Aircraft Owners and Pilots Association  
American Congress of Survey and Mapping

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	U.S. Department of Agriculture Forest Service – San Diego, Riverside & San Bernardino Counties, Los Angeles County. Cleveland and Angeles National Forest.	2005-Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor providing survey and mapping services for portions of the Cleveland National Forest and San Bernardino National Forest. Services include: Boundary Surveys, Property Line Postings, Aerial Mapping, Encroachment Surveys and filing of Record-of-Surveys.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Beaumont/Cherry Valley Water District – Riverside and San Bernardino Counties	2002-Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor/Manager for providing as-needed surveying and mapping services for the Beaumont Cherry Valley Water District. Assignments include: Boundary/Cadastral, aerial topographic, digital aerial ortho, and design topographic surveys. Work products have included records of survey maps, topographic maps, digital ortho maps, real estate summary maps, legal description, and digital data base generation for real property records. The original contract award is an open ended contract amount adjusted as needed. To date, Mr. Wheeler has received 24 task orders, conducted surveys on 30 infrastructure facilities with fees totaling over \$300,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Camp Pendleton Marine Corps Base/Marine Corps Air Station Miramar- San Diego County	2002-Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor/Manager for providing as-needed surveying and mapping services for on going environmental studies. Assignments include: Positioning Services for Ground Water Monitoring Wells, Soil testing grids, mapping and positioning. Work products have included design topographic surveys, digital data base generation for soil borings, ground water monitoring wells. The original contract award is an open ended contract amount adjusted as needed. To date, Mr. Wheeler has received 30 task orders, conducted surveys on many environmental study areas with fees totaling over \$250,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	San Diego County Water Authority, 2 <sup>nd</sup> Aqueduct to San Vicente Pipeline, Poway, CA	2006	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Wheeler was contracted to verify the quality of existing horizontal and vertical control stations referenced to the NAD83 California Coordinate System and National Geodetic Vertical datum NAVD88, established for Construction Control for the 2 <sup>nd</sup> aqueduct tunnel to San Vicente Reservoir.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (6/2004)

Wayne W. Wheeler, Jr. LS



# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT - SPECIFIC QUESTIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

C—Land Surveying Services

2. PUBLIC NOTICE DATE

March 28, 2008

3. SOLICITATION OR PROJECT NUMBER

AG-91S8-S-08-0004

### B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Wayne W. Wheeler, Jr., LS, Owner

5. NAME OF FIRM

WAYNE W. WHEELER, JR. LS

DUNS NO.

883821951

TAXPAYER ID NO.

47-0645245

6. TELEPHONE NUMBER

Cell

(858) 385-9482 (619) 559 1125

7. FAX NUMBER

(858) 385-9481

8. E-MAIL ADDRESS

wwheeler@san.rr.com

### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a	X			Wayne Wheeler, Jr. LS <input type="checkbox"/> CHECK IF BRANCH OFFICE	11380 Florindo Road San Diego, CA 92127-1204	Prime Consultant
b						
c						
d						
e						
f				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
g				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
h				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM



(Attached)

Wayne W. Wheeler, Jr. LS



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9<sup>th</sup>, 2013**

**DATE:** December 24<sup>th</sup>, 2012

**TO:** Board of Directors

**FROM:** Eric Fraser, General Manager

**SUBJECT:** Consideration of Resolution 2013-01: A Resolution of the Board of Directors of the Beaumont-Cherry Valley Water District establishing the District's Investment Policy

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**Recommendation**

It is recommended the Board of Directors consider and approve the attached Investment Policy and Resolution as presented.

**Background**

In order to best safeguard cash on hand, the District must develop and implement an Investment Policy. State law requires that an investment policy and any material changes in the policy be approved by the Board of Directors annually at a public meeting. The current investment policy was approved as part of the District's Policy and Procedures Manual amended on April 28<sup>th</sup>, 2011 by Resolution 2011-04. A copy has been included for comparison purposes. The revised policy has been changed to ensure compliance with all applicable sections of the Government Code and for formatting purposes.

Additionally, Section 53606 of the State of California Government Code limits the authorization of the legislative body to delegate investment authority to a one-year period, renewable annually.

In the revised Policy, management responsibility for the investment program is delegated to the General Manager. Under the provision of California Government Code 53600.3, the General Manager is a trustee and a fiduciary subject to the prudent investor standard. The General Manager shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials.

The primary objectives, in priority order, of investment activities shall be safety, liquidity and return.

**Safety:** It is the primary duty and responsibility of the General Manager to protect, preserve and maintain cash and investments of the District. **Liquidity:** Investments should be maintained in liquid short-term securities which can be



converted to cash if necessary to meet disbursement requirements. **Return:** Should become a consideration only after the basic requirements of safety and liquidity are met.

### **Fiscal Impact**

There is no fiscal impact at this time. The attached policy is in full compliance with all applicable government codes.

Report prepared by: Melissa Bender, Director of Finance & Administrative Services

**RESOLUTION 2013-01**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT  
ACKNOWLEDGING THE REVIEW, RECEIPT AND ACCEPTANCE OF THE  
DISTRICT'S INVESTMENT POLICY**

**WHEREAS**, the Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern (California Government Code sections 53600.6 and 53630.1); and

**WHEREAS**, the legislative body of a local agency may invest surplus monies not required by the immediate necessities of the local agency in accordance with the provisions of California Government Code Sections 5920 et seq. and 53601 et seq., and

**WHEREAS**, the General Manager of the Beaumont-Cherry Valley Water District shall annually prepare and submit a statement of investment policy and such policy shall be considered by the Board of Directors at a public meeting (California Government Code 53646(a)), and

**WHEREAS**, the last investment policy was last reviewed and approved by Resolution 2011-04 on April 28<sup>th</sup>, 2011, and

**WHEREAS**, the Board of Director declares the Investment Policy approved and adopted as attached.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Beaumont-Cherry Valley Water District accepts by this Resolution the District's Investment Policy.

**ADOPTED**, This   9   day of   January  , 2013

ATTEST:

\_\_\_\_\_  
Ryan Woll, President of the  
Board of Directors of the  
Beaumont-Cherry Valley Water District

\_\_\_\_\_  
Dr. Blair Ball, Secretary to the  
Board of Directors of the  
Beaumont-Cherry Valley Water District



## Beaumont-Cherry Valley Water District Policy and Procedure Manual

PPM NUMBER	TITLE	ISSUE DATE	REVISION DATE
III-9	INVESTMENT POLICY	April 28, 2011	December 20, 2012

### PURPOSE

This Investment Policy is set forth by Beaumont-Cherry Valley Water District (hereinafter referred to as "District") for the following purposes:

- To establish a clear understanding for the governing Board, management, responsible employees, citizens and third parties of the objectives, policies and guidelines for the investment of the District's idle and surplus funds;
- To offer guidance to investment staff and any external investment advisers on the investment of District funds; and
- To establish a basis for evaluating investment results.

The District establishes investment policies that meet its current investment goals. The District shall review this policy annually and may change its policies as its investment objectives change.

### SCOPE

This investment policy applies to all financial assets and investment activities of the District with the following exceptions:

- The Deferred Compensation Plan is excluded because it is managed by a third party administrator and invested by individual plan participants; and
- Proceeds of debt issuance shall be invested in accordance with the general investment philosophy of the District as set forth in this policy; however, such proceeds are invested in accordance with permitted investment provisions of their specific bond indentures.

### DELEGATION OF AUTHORITY

Section 53600 et seq. of the Government Code provides legal authorization for the investment or deposit of funds of local agencies. All investments of Beaumont-Cherry Valley Water District shall conform to the restrictions of those laws. In addition, further requirements shall be established taking into consideration prudent investment standards.

Management responsibility for the investment program is hereby delegated to the General Manager, who shall establish written procedures for the operation of the investment program consistent with this investment policy. Procedures should include references to: safekeeping, PSA repurchase agreements, wire transfer agreements, collateral/depository agreements and banking services contracts, as appropriate. Such procedures shall include explicit delegation of authority to persons responsible for investment transactions. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the General Manager.





## Beaumont-Cherry Valley Water District Policy and Procedure Manual

PPM NUMBER	TITLE	ISSUE DATE	REVISION DATE
III-9	INVESTMENT POLICY	April 28, 2011	December 20, 2012

The General Manager shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. Under the provision of California Government Code 53600.3, the General Manager is a trustee and a fiduciary subject to the prudent investor standard.

The District may engage the services of an external investment manager to assist in the management of the District's investment portfolio in a manner consistent with the District's objectives. Such external manager may be granted discretion to purchase and sell investment securities in accordance with this Investment Policy. Such manager must be registered under the Investment Advisers Act of 1940.

### PRUDENT INVESTOR STANDARD

The Prudent Investor Standard shall be used by investment officials, and shall be applied in the context of managing an overall portfolio. Investment staff acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported within 30 days and appropriate action is taken to control adverse developments.

The **Prudent Investor Standard**: When investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency. Within the limitations of this section and considering individual investments as part of an overall strategy, a trustee is authorized to acquire investments as authorized by law.

### ETHICS AND CONFLICTS OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

### OBJECTIVES

The primary objectives, in priority order, of investment activities shall be safety, liquidity and return.

### SAFETY

Safety of principal is the foremost objective of the investment program. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio.



## Beaumont-Cherry Valley Water District Policy and Procedure Manual

PPM NUMBER	TITLE	ISSUE DATE	REVISION DATE
<b>III-9</b>	<b>INVESTMENT POLICY</b>	<b>April 28, 2011</b>	<b>December 20, 2012</b>

### LIQUIDITY

The investment portfolio shall remain sufficiently liquid to meet all operating requirements that may be reasonably anticipated. This is accomplished by structuring the portfolio so that securities mature concurrent with cash needs to meet anticipated demands (static liquidity). Furthermore, since all possible cash demands cannot be anticipated, the portfolio should consist largely of securities with active secondary or resale markets (dynamic liquidity). A portion of the portfolio also may be placed in money market mutual funds or local government investment pools which offer same-day liquidity for short-term funds.

### RETURN

The investment portfolio shall be designed with the objective of attaining a market rate of return through budgetary and economic cycles, taking into account the District's investment risk constraints, the cash flow characteristics of the portfolio and state law.

### AUTHORIZED AND SUITABLE INVESTMENTS

The Beaumont-Cherry Valley Water District is empowered by California Government Code 53601 et seq. to invest in the following:

- A. Bonds issued by the Beaumont-Cherry Valley Water District.
- B. United States Treasury Bills, Notes & Bonds.
- C. Registered state warrants or treasury notes or bonds issued by the State of California.
- D. Bonds, notes, warrants or other evidence of debt issued by a local agency within the State of California, including pooled investment accounts sponsored by the State of California, County Treasurers, other local agencies or Joint Powers Agencies.
- E. Obligations issued by Agencies or Instrumentality of the U.S. Government
- F. Bankers Acceptances with a term not to exceed 270 days. Not more than 40% of surplus funds can be invested in Bankers Acceptances and no more than 30% of surplus funds can be invested in the Bankers Acceptances of any single commercial bank.
- G. Prime Commercial Paper of U.S. Corporations with assets greater than \$500 million with a term not to exceed 180 days and the highest ranking issued by Moody's Investors Service or



## Beaumont-Cherry Valley Water District Policy and Procedure Manual

PPM NUMBER	TITLE	ISSUE DATE	REVISION DATE
III-9	INVESTMENT POLICY	April 28, 2011	December 20, 2012

Standard & Poor's Corp. Commercial Paper cannot exceed 15% of total surplus funds, provided that if the average maturity of all Commercial Paper does not exceed 31 days, up to 30% of surplus funds can be invested in Commercial Paper.

H. Negotiable Certificates of Deposit issued by Federal or State Chartered banks or associations. Not more than 30% of surplus funds can be invested in certificates of deposit.

I. Repurchase/Reverse Repurchase Agreements of any securities authorized by this Section. Securities purchased under these agreements shall be no less than 102% of market value (See special limits in CGC 53601.i)

J. Medium term notes (not to exceed 5 years) of U.S. corporations rated "A" or better by Moody's or S&P. Not more than 30% of surplus funds can be invested in medium term notes.

K. Shares of beneficial interest issued by diversified management companies (Money Market Mutual funds) investing in the securities and obligations authorized by this Section. Such Funds must carry the highest rating of at least two of the three largest national rating agencies. Not more than 15% of surplus funds can be invested in Money Market Mutual Funds.

L. Funds held under the terms of a Trust Indenture or other contract or agreement may be invested according to the provisions of those indentures or agreements.

M. Collateralized bank deposits with a perfected security interest in accordance with the Uniform Commercial Code (VCC) or applicable federal security regulations.

N. Any mortgage pass-through security, collateralized mortgage obligation, mortgage backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate or consumer receivable backed bond of a maximum maturity of five years. Securities in this category must be rated AA or better by a nationally recognized rating service. Not more than 30% of surplus funds may be invested in this category of securities.

O. Any other investment security authorized under the provision of CGC 5921 and 53601.

Also, see CGC 53601 for detailed summary of the limitations and special conditions that apply to each of the above listed investment securities.

### COLLATERALIZATION

All certificates of deposits must be collateralized by U.S. Treasury Obligations. Collateral must be held by a third party trustee and valued on a monthly basis. The percentage of collateralization on repurchase and reverse repurchase agreements will adhere to the amount required under CGC 53601(iX2).



## Beaumont-Cherry Valley Water District Policy and Procedure Manual

PPM NUMBER	TITLE	ISSUE DATE	REVISION DATE
III-9	INVESTMENT POLICY	April 28, 2011	December 20, 2012

### PROHIBITED INVESTMENT VEHICLES AND PRACTICES

State law notwithstanding, any investments not specifically described herein are prohibited, including, but not limited to, mutual funds (other than government money market funds), unregulated and/or unrated investment pools or trusts, and futures and options.

In accordance with Government Code Section 53601.6, investment in inverse floaters, range notes, or mortgage derived interest-only strips is prohibited.

Investment in any other security that could result in a zero interest accrual if held to maturity is prohibited.

Trading securities for the sole purpose of speculating on the future direction of interest rates is prohibited.

Purchasing or selling securities on margin is prohibited.

The use of reverse repurchase agreements, securities lending or any other form of borrowing or leverage is prohibited.

The District pursues prudent active management strategies in order to enhance return and reduce risk as market conditions change over time.

### MITIGATING CREDIT RISK IN THE PORTFOLIO

Credit risk is the risk that a security or a portfolio will lose some or all of its value due to a real or perceived change in the ability of the issuer to repay its debt. The District shall mitigate credit risk by adopting the following strategies:

No more than 5% of the total portfolio may be invested in securities of any single bank, bank holding company, or other non-governmental issuer.

The District may elect to sell a security prior to its maturity and record a capital gain or loss in order to improve the quality, liquidity or yield of the portfolio in response to market conditions or the District's risk preferences.

If securities owned by the District are downgraded by either Moody's or S&P to a level below the quality required by this Investment Policy, it shall be the District's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported quarterly to the governing Board.



## Beaumont-Cherry Valley Water District Policy and Procedure Manual

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The diversification requirements described herein, and in the Table on Page 6 are designed to mitigate credit risk in the portfolio.

### MITIGATING MARKET RISK IN THE PORTFOLIO

Market risk is the risk that the portfolio will decline in value (or will not optimize its value) due to changes in the general level of interest rates. The District recognizes that, over time, longer-term portfolios achieve higher returns. On the other hand, longer-term portfolios have higher volatility of return. The District shall mitigate market risk by providing adequate liquidity for short-term cash needs, and by marking some longer-term investments only with funds that are not needed for current cash flow purposes. The District further recognizes that certain types of securities, including variable rate securities, securities with principal pay downs prior to maturity, and securities with embedded options, will affect the market risk profile of the portfolio differently in different interest rate environments. The District, therefore, adopts the following strategies to control and mitigate its exposure to market risk.

The Board of Directors has approved the purchase of securities with maturities in excess of five years for the Operating Reserve portfolio. Purchases of such securities shall not exceed 30 percent of surplus funds unless prior approval is given by the Board of Directors.

The maximum stated final maturity of individual securities in the portfolio shall be thirty (30) years, as defined more specifically in this policy;

The duration of each portfolio shall typically be equal to the duration of its market benchmark, plus or minus 10%.

### REPORTING

- a. **Monthly.** The Director of Finance-Treasurer and/or Investment officer shall prepare a monthly investment report for review and approval by the governing Board, including a management summary that provides an analysis of the status of the current investment portfolio and transactions made over the last quarter. This management summary will be prepared in a manner, which will allow the governing Board to ascertain whether investment activities during the reporting period have conformed to the investment policy. The report will include the following.
  1. Listing of individual securities held at the end of the reporting period;
  2. Cost and market value of all securities, including realized and unrealized market value gains or losses in accordance with GASB requirements;
  3. Average weighted yield to maturity of portfolio;
  4. Listing of investment by maturity date;
  5. Percentage of the total portfolio, which each type of investment represents;



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2. Statement of compliance with Investment Policy, including an explanation of any compliance exceptions (CGC Section 53646); and
  2. Certification of sufficient liquidity to meet budgeted expenditures over the ensuing six months (CGC Section 53646).
- b. **Quarterly.** On a quarterly basis, the District's investment adviser shall report the total rate of return on each of the District's portfolios to the governing Board.
- c. **Annually.** On an annual basis, the Director of Finance-Treasurer shall present the Investment Policy, together with any proposed amendments, to the Governing Body for its consideration.

As specified in CGC 53646(e), if funds are placed in LAIF, FDIC insured accounts and/or in a county investment pool, the foregoing report elements may be replaced by copies of the latest statements from such institutions. The report must also include a certification that (1) all investment actions executed since the last report have been made in full compliance with the Investment Policy and, (2) the Beaumont Cherry Valley Water District will meet its expenditure obligations for the next six months as required by CGC 53646(b)(2) and (3) respectively. The General Manager shall maintain a complete and timely record of all investment transactions.

### INVESTMENT LIMITATIONS

SUMMARY OF INVESTMENT LIMITATIONS				
Type of Security	% Limit Per Issuer	% Limit Per Type of Security	Minimum Quality	Maturity Limit
U.S. Treasuries	n/a	100%	n/a	30 years
Federal Agencies:		100%	n/a	30 years
GNMA	50			
Farm Credit	30			
FHLB	30			
FHLMC	30			
FNMA	30			
FDIC - Guaranteed	30			
TVA	30			
Other Agencies	30% each			
<i>State of California, LAIF</i>		Allowable Maximum		
California State and Local Agencies obligations	5%*	Allowable Maximum 20%	A/A	30 years
Bankers' Acceptances	5	40	AI/P1	180 days



# Beaumont-Cherry Valley Water District Policy and Procedure Manual

PPM NUMBER <b>III-9</b>	TITLE <b>INVESTMENT POLICY</b>	ISSUE DATE <b>April 28, 2011</b>	REVISION DATE <b>December 20, 2012</b>
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Commercial Paper	5	25	AI /P1	270 days
Negotiable Certificates of Deposits	5	30	AI /P1	5 years
Corporate Medium Term Notes	5	30	A/A	5 years
Time Certificates of Deposit	5	40	AI /P1	5 years
Government Money Market Mutual Funds (Shares of beneficial interest in money market funds)	5	20	AAA	5 years
Repurchase Agreements	5	10	n/a	1 year
Collateralized Mortgage Obligations (CMOs) and Mortgage-Backed Securities (MBS)	5	20% combined CMOs, MBS' and ABS'	AAA	5 years
Asset-Backed Securities (ABS)	5		AAA	5 years



**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
November 14, 2012**

**DATE:** November 7, 2012

**TO:** Board of Directors

**FROM:** Eric Fraser, General Manager

**SUBJECT:** Consideration of Request for Use of Property to Construct Commercial Broadcast Tower at the Noble Creek Recharge Facility

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**Recommendation:**

Staff does not support the proposed use of the Noble Creek Property for a commercial broadcast tower due to lack of sufficient space and potential radio frequency interference impacts to district facilities.

**Background:**

The District received a request from AM radio station KMET to use a portion of the Noble Creek Phase II Recharge Facility property to erect a commercial broadcast tower to replace their existing facility currently located in Banning. As proposed, the tower would be approximately 150 feet tall, with guy wires extending approximately 100 feet from the base of the antenna. The unlighted tower and associated underground buried cable radial system would utilize a portion of property approximately 300 feet in diameter. Photos of the existing tower in Banning are attached on page 2 of this report.

Station personnel met with District staff to discuss the proposal and stated that the existing facilities in Banning were old and needed replacement. Specific details with regard to why new facilities at a new location were not provided other than a desire to relocate to Beaumont.

Based on the type of construction and amount of space required, the proposal is not compatible with the planned expansion of the recharge facilities. It is important to note that the antenna system proposed is a tall guyed commercial broadcast tower and not a stealth tree or other disguised type of cell phone tower.

**Fiscal Impact:**

Tower structures and guy wires that are not compatible with the operation of the recharge facility could have potential fiscal impacts that are related to access issues during operations and maintenance activities.





Photos of Existing AM Radio Tower Located in Banning





**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9<sup>th</sup>, 2013**

**DATE:** December 26<sup>th</sup>, 2012

**TO:** Board of Directors

**FROM:** Eric Fraser, General Manager

**SUBJECT:** Consideration of the Allocation of Water from the San Gorgonio Pass Water Agency to the Retail Water Agencies

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**Recommendation**

Staff recommends the Board of Directors consider the allocation plan and authorize the Board President to execute the Regional Water Allocation Agreement and authorize the General Manager to execute further amendments to the agreement as necessary.

**Background**

On November 3, 2010, a presentation was provided to the board members of the San Gorgonio Pass Water Agency regarding an allocation concept that would provide rules and a structure for the use of imported water by retail agencies.

The Beaumont-Cherry Valley Water District staff has been working collectively with the City of Banning, Yucaipa Valley Water District, Cabazon, High Valley and other water retailers in the region to develop an allocation plan that addresses the allocation of State Water Project water that is imported by the San Gorgonio Pass Water Agency (SGPWA). Based upon the regional meetings held, the attached draft plan has been discussed and developed. To date, the Yucaipa Valley Water District, City of Banning, High Valley Water District and Banning Heights Water Company have approved the agreement. Cabazon has tabled the agreement for further discussion and South Mesa Mutual Water Company has opposed the agreement in its current form but has failed to provide alternate language for consideration. A draft copy was provided to the Board for discussion and was approved in concept at the July 11<sup>th</sup>, 2012 BCVWD Board of Directors' meeting.

As a result of numerous discussions, each water retailer has been requested to take the agreement to their respective board/council for consideration. This particular topic has been reviewed and discussed by the BCVWD Board members on several occasions and is brought forward for the Board's consideration as a result of the Board's request on December 12<sup>th</sup>, 2012.

**Fiscal Impact**

Cannot be determined at this time but may be significant depending on how imported water is managed.

## REGIONAL WATER ALLOCATION AGREEMENT FOR WATER IMPORTED BY THE SAN GORGONIO PASS WATER AGENCY

This Agreement, effective January 1, 2013, by and between, the San Gorgonio Pass Water Agency, a State Water Contractor (hereinafter referred to as "SGPWA"); the City of Banning, a California municipal corporation; Banning Heights Mutual Water Company, a California mutual water company; Beaumont Cherry Valley Water District, a California irrigation district; Cabazon Water District, a California water district; High Valley Water District, a California water district; South Mesa Mutual Water Company, a California mutual water company; and Yucaipa Valley Water District, a California county water district; each individually referred to or collectively referred to in this Agreement as "Party" or "Parties".

The term Water Retailers refers to the following Parties to this Agreement: City of Banning; Banning Heights Mutual Water Company; Beaumont Cherry Valley Water District; Cabazon Water District; High Valley Water District; South Mesa Mutual Water Company; and Yucaipa Valley Water District.

### RECITALS

- A. California's water law and policy, Article X, Section 2 of the California Constitution requires that all uses of the State's water be both reasonable and beneficial. Specifically, this section of the Constitution states in part, "It is hereby declared that because of the conditions prevailing in this State the general welfare requires that the water resources of the State be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use of unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and for the public welfare.
- B. On November 16, 1962 the State of California, acting by and through the Department of Water Resources, and the San Gorgonio Pass Water Agency entered into a Water Supply Contract pursuant to the provisions of the California Water Resources Development Bond Act and the State Central Valley Project Act and other applicable laws.
- C. The Water Supply Contract between the Department of Water Resources and the San Gorgonio Pass Water Agency has been amended eighteen times, with the latest amendment dated December 26, 2007. The Water Supply Contract provides a Maximum Annual Table "A" Allocation of 17,300 acre feet per year of imported water from the State Water Project to the San Gorgonio Pass Water Agency.
- D. The San Gorgonio Pass Water Agency Law codified as Chapter 101 of the California Water Code specifically provides for the San Gorgonio Pass Water Agency to "...sell water under the control of the agency to cities, and to other public corporations and public agencies within the agency...for use within said agency without any preference...".
- E. The Urban Water Management Planning Act (California Water Code Section 10610 et. seq.) requires California's urban water suppliers to ensure adequate water supplies are

available to meet existing and future water demands. Every urban water supplier that either provides over 3,000 acre-feet of water annually or serves more than 3,000 or more connections is required to assess the reliability of its water sources over a 20-year planning horizon considering normal, dry, and multiple dry years. Therefore, the implementation of reliable and prudent long-term water resource management plans require Water Retailers within the service area of the San Gorgonio Pass Water Agency, regardless of size or number of customers, to be able to anticipate a given quantity of imported water to meet the water demands within the service area of each retail water customer.

- F. The Parties recognize that an Agreement allocating imported water from the San Gorgonio Pass Water Agency will: (1) provide certainty for Water Retailers thereby enabling better water resource planning in the future; (2) support the ability for each Water Retailer to establish community specific policies and goals based on uniform and consistent rules pertaining to the delivery of imported water; (3) promote improved water management since an imported water allocation will enable each Water Retailer to implement and directly benefit from specific policies related to sustainability, dual plumbing and conjunctive use; and (4) improve coordination and confidence between the Water Retailers and the San Gorgonio Pass Water Agency.

## AGREEMENT

1. **Allocation of Water from the State Water Project.** The Parties acknowledge that the following provision of the San Gorgonio Pass Water Agency Law, codified as Chapter 101, Section 15.5 of the Appendix to the California Water Code, is integrated into this Agreement to ensure the allocation of imported water is consistent with the intent of the Legislature. "It is the intent of the Legislature that, in allocating water received from the State Water Project pursuant to this act, the highest priority shall be given to eliminating groundwater overdraft conditions within any agency or district receiving the water."
2. **Boundaries of the Parties.** The service area of the San Gorgonio Pass Water Agency encompasses a portion or the entire service area of each Water Retailer that is a Party to this Agreement.
  - 2.1. The Parties agree to utilize that portion of the sphere of influence of each Water Retailer within the boundary of the San Gorgonio Pass Water Agency as the basis of the imported water allocation methodology provided herein. The Sphere of Influence boundary is utilized since this boundary line represents the reasonable planning boundary of each Water Retailer's legal boundary and designates the Water Retailer's ultimate service area.
  - 2.2. The Parties acknowledge that the Local Agency Formation Commission of Riverside County will periodically review the Sphere of Influence of each Water Retailer and adjust these boundaries based on factors such as current and future land use, current and future need and capacity for service, municipal service reviews, and any relevant communities of interest. Any such change in the Sphere of Influence shall also change the baseline allocation of water as provided in Section 4.5.

- 2.3. The Sphere of Influence boundary area for each Water Retailer within the boundary of the San Gorgonio Pass Water Agency is as follows:

Table 1 - Boundary Summary		
Water Retailer	Sphere of Influence Boundary Area (Acres)	Percentage of Area for Each Water Retailer
Banning Heights Mutual Water Company	876	1.2%
South Mesa Mutual Water Company	974	1.4%
High Valley Water District	5,287	7.4%
Cabazon Water District	7,990	11.1%
Yucaipa Valley Water District	17,388	24.2%
City of Banning	19,644	27.3%
Beaumont Cherry Valley Water District	19,693	27.4%
Morongo Band of Mission Indians	34,611	Not Applicable
Unincorporated Riverside County	34,043	Not Applicable
Unincorporated San Bernardino County	1,910	Not Applicable
<b>SGPWA Service Area</b>	<b>142,416</b>	<b>100.0%</b>
<b>Total Area of Water Retailers</b>	<b>71,852</b>	

Source: *San Gorgonio Pass Water Agency Supplemental Water Supply Planning Study, Albert A. Webb Associates, October 2009.*

3. **State Water Project Reliability.** For planning purposes, the availability of water from the State Water Project is based on a long-term average reliability. The California Department of Water Resources routinely prepares a *State Water Project Delivery Reliability Report* to describe current and future deliveries from the State Water Project.
- 3.1. The Water Retailers understand the annual fluctuations in the availability of water deliveries from the State Water Project and further acknowledge that these fluctuations will create variations in the actual quantity of water available to the region from the State Water Project.
- 3.2. The Parties agree that any increase or decrease of the reliability of the State Water Project will be reflected in the annual allocation of imported water available to each Water Retailer.
- 3.3. Prior to the completion of the East Branch Extension of the State Water Project, the San Gorgonio Pass Water Agency and the California Department of Water Resources agreed to a reduction in the Maximum Annual Table "A" Allocation of 17,300 acre feet. In the future, the San Gorgonio Pass Water Agency agrees not



to reduce the current Maximum Table "A" Allocation of 17,300 acre feet without prior consent from the Water Retailers.

4. **Baseline Water Resource Allocation.** The San Gorgonio Pass Water Agency maintains a contract with the California Department of Water Resources for a Maximum Table "A" Allocation of 17,300 acre feet per year from the State Water Project.

- 4.1. The Parties agree to use the Sphere of Influence of each Water Retailer in the service area of the San Gorgonio Pass Water Agency to calculate the Baseline Water Resource Allocation as follows:

Table 2 - Baseline Water Resource Allocation		
Water Retailer	Percentage of Area for Each Water Retailer (Table 1)	Baseline Water Resource Allocation (Acre Feet)
Banning Heights Mutual Water Company	1.2%	211
South Mesa Mutual Water Company	1.4%	235
High Valley Water District	7.4%	1,273
Cabazon Water District	11.1%	1,924
Yucaipa Valley Water District	24.2%	4,187
City of Banning	27.3%	4,730
Beaumont Cherry Valley Water District	27.4%	4,742
Morongo Band of Mission Indians	Not Applicable	Not Applicable
Unincorporated Riverside County	Not Applicable	Not Applicable
Unincorporated San Bernardino County	Not Applicable	Not Applicable
<b>Maximum SGPWA Table "A" Allocation</b>		<b>17,300</b>

- 4.2. The Baseline Water Resource Allocation for each Water Retailer represents the maximum quantity of imported water from the San Gorgonio Pass Water Agency that each Water Retailer shall use for planning purposes unless augmented with additional imported water supplies as provided herein. Using the quantity of imported water allocated as the Baseline Water Resource Allocation for planning purposes will insure that the Water Retailers do not oversubscribe the Maximum Table "A" Allocation of 17,300 acre feet provided by contract to the San Gorgonio Pass Water Agency.
- 4.3. The purchase of any additional water supplies or rights by the San Gorgonio Pass Water Agency shall be automatically added to the existing Maximum Table "A" Allocation amount of 17,300 acre feet and distributed to the Water Retailers resulting in an increase of the Baseline Water Resource Allocation for all Water Retailers based on the Percentage of Area for Each Water Retailer. The quantity, quality and reliability of additional water supplies purchased by the San

Gorgonio Pass Water Agency shall be combined with the existing Maximum Table "A" Allocation of 17,300 acre feet in a manner that benefits or impacts all Parties equally without preference.

- 4.4. No portion of the Baseline Water Resource Allocation can be sold, traded, exchanged or transferred between the Parties except as provided below.
- 4.5. The Parties acknowledge that any adjustment of the Sphere of Influence boundary of any Water Retailer after the effective date of this Agreement will result in a recalculation of the Baseline Water Resource Allocation.
  - 4.5.1. Any proposed administrative action by the Local Agency Formation Commission that will change the Sphere of Influence boundary of any Water Retailer shall be distributed to the Parties 60 days prior to the scheduled action by the Local Agency Formation Commission.
  - 4.5.2. A merger or consolidation of a Party to this Agreement will result in an adjustment to the Sphere of Influence boundary that will necessitate a recalculation of the Baseline Water Resource Allocation.
- 4.6. The Baseline Water Resource Allocation will not be amended to provide any portion of the existing Maximum Table "A" Allocation of 17,300 acre feet from the State Water Project to any existing retail water agency, new retail water agency, or other entity not a Party to this Agreement.
  - 4.6.1. The San Gorgonio Pass Water Agency agrees that a retail water agency, or other entity not a Party to this Agreement shall be required to purchase a sufficient quantity of physical water rights and complete pipeline improvements to the existing conveyance and delivery system(s) such that no Party to this Agreement is damaged, impacted, or subordinated with respect to additional expenses, water conveyance, water supply, water quality, or other any other matter under the authority, ability and discretion of the San Gorgonio Pass Water Agency.
- 4.7. Any improvement to the capital assets owned, operated or controlled by the San Gorgonio Pass Water Agency or the California Department of Water Resources that provides additional imported water resources or improves reliability will be reflected in the Baseline Water Resource Allocation and distributed to the Parties.
- 4.8. The San Gorgonio Pass Water Agency will only provide imported water to Water Retailers and no other entity within or outside of the boundary of the San Gorgonio Pass Water Agency.

**5. Adjusted Baseline Water Resource Allocation.** The Baseline Water Resource Allocation amount allocated to each Water Retailer can be further adjusted at any time as follows:

- 5.1. Purchase of Additional Sources of Supply. Each Water Retailer may elect, at the sole and absolute discretion of each entity, to purchase additional imported water

sources of supply that will be added to the Baseline Water Resource Allocation amount. The purchase of any additional source of supply pursuant to this Agreement by any Water Retailer shall remain the property of the Water Retailer in the event this Agreement is terminated pursuant to Section 10.2.

- 5.1.1. The purchase of additional imported water source of supply or water rights by a Water Retailer(s) shall increase the amount of imported water delivered above the Baseline Water Resource Allocation amount to the specific Water Retailer(s) purchasing the additional supply or rights. The additional source of supply will be added to the quantity of water used for planning purposes and identified as a separate quantity of imported water from the Baseline Water Resource Allocation.
- 5.1.2. The quantity, quality and reliability of any water purchased as an additional source of supply shall be identified independently from the Baseline Water Resource Allocation such that any degradation of water quality, reliability or other parameter shall not impact any other Party to this Agreement. The additional source of supply will be considered to be generally equivalent to the quantity and quality of imported water delivered as part of the Maximum Table "A" Allocation of 17,300 acre feet if the supply originates from the same location and conveyed using the same facilities. In this case, the quantity, quality and reliability shall be considered equal to the Baseline Water Resource Allocation.
- 5.1.3. A Water Retailer shall not be restricted from using funds collected by the San Geronio Pass Water Agency as a component of the imported water rate for the purchase of additional water supplies and rights at any time.
- 5.1.4. No portion of the annual amount of water delivered as the Adjusted Baseline Water Resource Allocation can be sold, traded, exchanged or transferred between the Parties except as provided below.

**6. Annual Water Resource Allocation.** The Annual Water Resource Allocation is the total amount of water available to each Water Retailer from the Baseline Water Resource Allocation and the Adjusted Baseline Water Resource Allocation each year based on the actual and independent availability of the specific source of supply.

- 6.1. The Parties acknowledge that the annual amount of imported water available from all sources of supply are variable based on factors such as seasonality, climatic changes, precipitation, snowpack, and drought. These changes will cause variability in the amount of water available to each Water Retailer on an annual basis.
- 6.2. The amount of water available from the State Water Project is adjusted throughout each water year based on notices issued by the California Department of Water Resources. Any notice issued by the California Department of Water Resources that changes the Maximum Table "A" Allocation amount shall be effective on the date of issuance of the notice from the Department of Water Resources.



- 6.3. Baseline Water Resource Allocation. The Annual Water Resource Allocation for water available from the Baseline Water Resource Allocation shall generally be based upon the availability of imported water from the State Water Project as determined by the California Department of Water Resources.
- 6.3.1. The Baseline Water Resource Allocation for each Water Retailer shall also be adjusted throughout the water year based on notices issued by the California Department of Water Resources and shall include other water quantities provided to the San Geronio Pass Water Agency such as the Turn-Back Water Pool Program and the Article 21 Program. These programs will be allocated on the same percentage basis as provided in Section 4 above (Baseline Water Resource Allocation).
- 6.4. Adjusted Baseline Water Resource Allocation. The Annual Water Resource Allocation for imported water allocated from the Adjusted Baseline Water Resource Allocation shall be based upon the availability of each specific source of supply.
7. **Unused Annual Water Resource Allocation.** In the event a Water Retailer is unable to make use of their specific Annual Water Resource Allocation as provided herein, then the amount of unused imported water shall be reallocated proportionally to the other Water Retailers using the total amount of water allotted to each Water Retailer pursuant to the Adjusted Baseline Water Resource Allocation amount.
8. **Prohibitions to Exchange, Transfer or Sale (Secondary Market).** The Parties agree that any water made available to the San Geronio Pass Water Agency pursuant to this Agreement shall be used by the Water Retailer within their respective Sphere of Influence and not assigned, exchanged, transferred or sold to create or support a secondary water market, speculation, or similar activity for any public or private entity, developer, investor, agricultural interest or speculator.
9. **Excess Conveyance Capacity in State Water Project Facilities.** During times of water shortages, there will be excess pipeline conveyance capacity in the State Water Project. The Parties agree to cooperate and maximize the use and availability of excess State Water Project conveyance facilities to augment the water supplies within the service area of the San Geronio Pass Water Agency based on the rate schedule utilized for routine deliveries of imported water.

## General Provisions

10. **General Provisions.** The following General Provisions have been incorporated herein:
- ~~10.1. **Effective Date.** This Agreement shall become effective and binding upon the Parties on the first day of the month following the approval of the Agreement by Water Retailers with a collective total combined land area of more than 75% of~~

~~the 71,852 acres within the Sphere of Influence boundary of the Water Retailers as provided in Table 1.~~

*Note - The remaining portion of Section 10 will be renumbered following the deletion of Section 10.1.*

- 10.2. Termination. This Agreement shall terminate immediately upon a vote of the Parties consisting of a collective total combined land area of more than 75% of the total acreage at the time of termination within the Sphere of Influence of all Water Retailers in the service area of the San Geronio Pass Water Agency.
- 10.2.1. The Baseline Water Resource Allocation of Water Retailers electing not to execute this Agreement shall be maintained pursuant to the methodology provided in Section 4. The Annual Water Resource Allocation for a Party electing not to execute the Agreement shall be considered unused and distributed to the Parties pursuant to Section 7.
- 10.3. Notices. All notices and demands which any Party is required or desires to give to the others pursuant to this Agreement shall be given in writing by certified mail, return receipt requested with appropriate postage paid, by personal delivery, by facsimile or by private overnight courier service to the business address of the other Party.
- 10.4. Entire Agreement. This Agreement, together with all Exhibits and documents referred to herein, constitutes the entire Agreement among the Parties with respect to the subject matter hereof, and supersede all prior understandings or agreements.
- 10.5. Amendments. This Agreement may be modified or amended only by agreement of those Parties that form a consensus of more than 66% of the total amount of water allotted to each Water Retailer pursuant to the Adjusted Baseline Water Resource Allocation amount.
- 10.6. No Assignments. This Agreement and the rights, duties and benefits given in it, may not be assigned.
- 10.7. Partial Invalidity. If any provision of this Agreement is held by a court of competent jurisdiction to be invalid or unenforceable, the remainder of the Agreement shall continue in full force and effect and shall in no way be impaired or invalidated, and the Parties agree to substitute for the invalid or unenforceable provision a valid and enforceable provision that most closely approximates the intent and economic effect of the invalid or unenforceable provision.
- 10.8. Governing Law. This Agreement shall be governed by the laws of the State of California.
- 10.9. Attorneys' Fees. Each Party shall bear its own attorneys' fees and expenses in the preparation and review of this Agreement. In the event that any party hereto institutes an action or proceeding for a declaration of the rights of the Parties under this Agreement, for injunctive relief, for an alleged breach or default of, or any other action arising out of, this Agreement, or the transactions contemplated

herein, or in the event any party is in default of its obligations pursuant thereto, whether or not suit is filed or prosecuted to final judgment, the non-defaulting party or prevailing party shall be entitled to its actual attorneys' fees and to any court costs incurred, in addition to any other damages or relief awarded by the court.

- 10.10. Successors and Assigns; No Assignment. This Agreement shall inure to the benefit of and be binding on the parties to this Agreement and their respective successors and assigns.
- 10.11. Covenants, Conditions or Remedies. The waiver by one Party of the performance of any covenant, condition or promise, or of the time for performing any act, under this Agreement shall not invalidate this Agreement nor shall it be considered a waiver by such party of any other covenant, condition or promise, or of the time for performing any other act required, under this Agreement. The remedies set forth in this Agreement are cumulative and not exclusive to any other legal or equitable remedy available to a party. The exercise of any remedy provided in this Agreement shall not be a waiver of any consistent remedy provided by law, and the provisions of this Agreement for any remedy shall not exclude any other consistent remedies unless they are expressly excluded.
- 10.12. Exhibits. All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement whether or not actually attached. The following exhibits are attached to this Agreement:
- Exhibit "A" - San Gorgonio Pass Water Agency Aerial Boundary Map.
  - Exhibit "B" - San Gorgonio Pass Water Agency Map of Major Water Retailers.
- 10.13. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which, taken together, shall constitute one and the same instrument.
- 10.14. Legal Advice. Each Party has received independent legal advice from its attorneys with respect to the advisability of executing this Agreement and the meaning of the provisions. The provisions of this Agreement shall be construed as to the fair meaning and not for or against any party based upon preparation of the document, or any attribution of such party as the sole source of the language in question.

**SAN GORGONIO PASS WATER AGENCY**

By: \_\_\_\_\_  
President, Board of Directors

Attest:

\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, San Gorgonio Pass Water Agency

**BEAUMONT CHERRY VALLEY WATER DISTRICT**

By: \_\_\_\_\_  
President, Board of Directors

Attest:

\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, Beaumont Cherry Valley Water District

**CITY OF BANNING**

By: \_\_\_\_\_  
Mayor

Attest:

\_\_\_\_\_  
City Clerk

Approved as to form:

\_\_\_\_\_  
Counsel, City of Banning

**YUCAIPA VALLEY WATER DISTRICT**

By: \_\_\_\_\_  
President, Board of Directors

Attest:

\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, Yucaipa Valley Water District

**CABAZON WATER DISTRICT**

By: \_\_\_\_\_  
President, Board of Directors

Attest:

\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, Cabazon Water District

**HIGH VALLEY WATER DISTRICT**

By: \_\_\_\_\_  
President, Board of Directors

Attest:

\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, High Valley Water District

**SOUTH MESA MUTUAL WATER COMPANY**

By: \_\_\_\_\_  
President, Board of Directors

Attest:

\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, South Mesa Mutual Water Company

**BANNING HEIGHTS MUTUAL WATER COMPANY**

By: \_\_\_\_\_  
President, Board of Directors

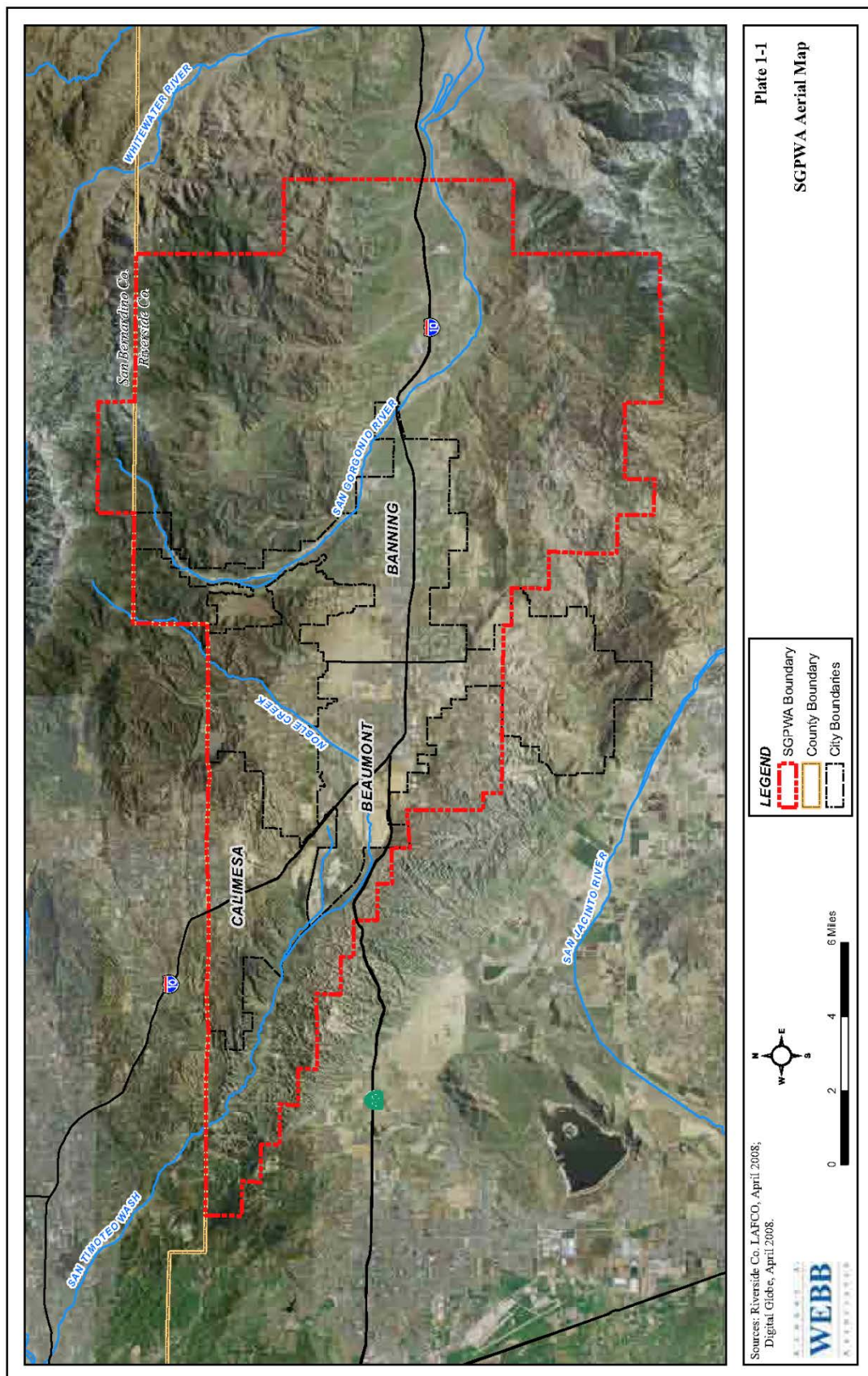
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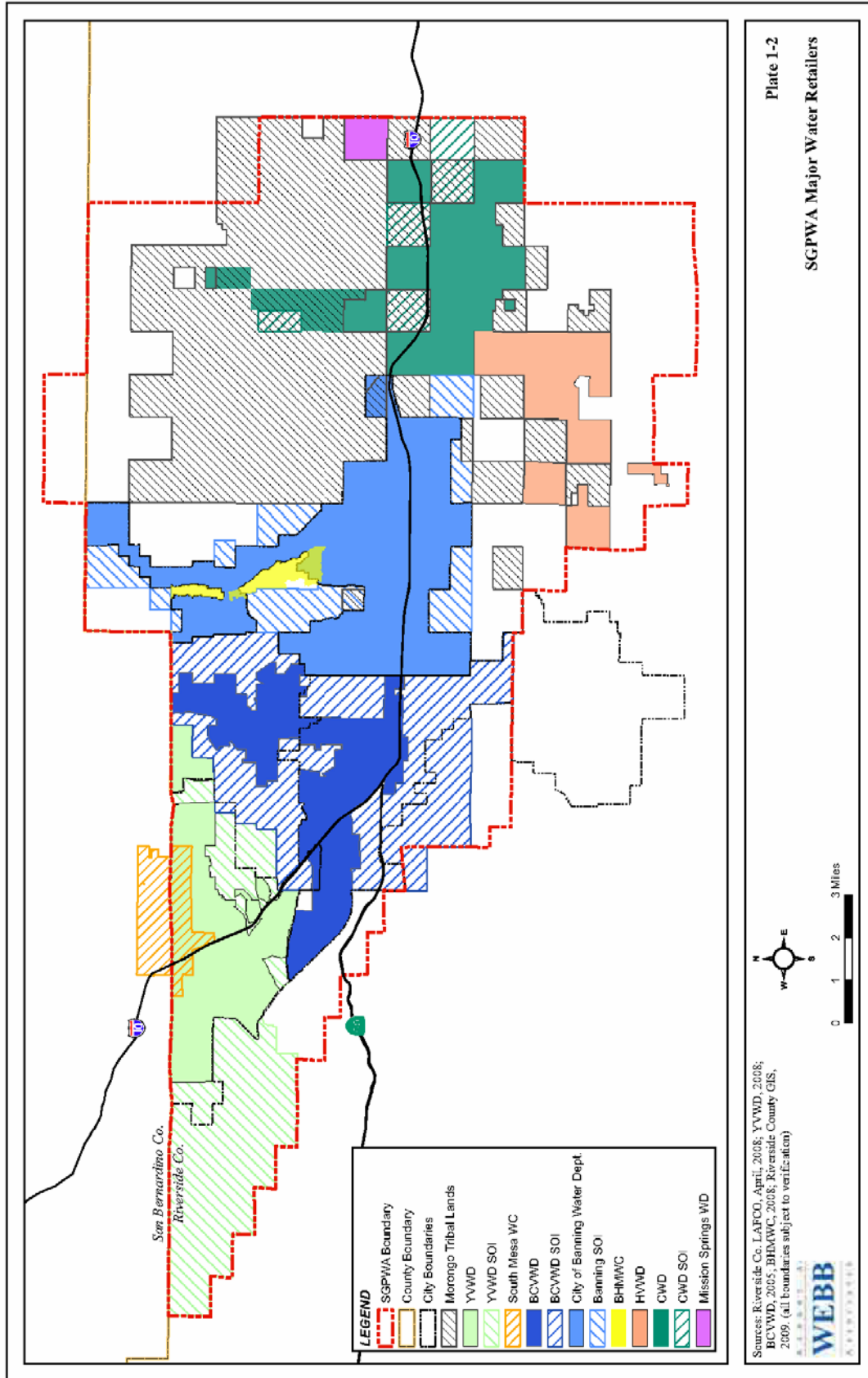
\_\_\_\_\_  
Secretary, Board of Directors

Approved as to form:

\_\_\_\_\_  
Counsel, Banning Heights Mutual Water Company











**Beaumont-Cherry Valley Water District  
Regular Board Meeting  
January 9<sup>th</sup>, 2013**

**DATE:** January 3, 2013

**TO:** Board of Directors

**FROM:** Eric Fraser, General Manager

**SUBJECT:** Consideration of Approval of Water Supply Assessment and Water Service for Beaumont Distribution Center Development

---

**Recommendation**

Approve water supply assessment, provide water service (Will Serve Letter) to the proposed Development, and approve annexation of southerly three land parcels to the District related to the proposed Beaumont Distribution Center Development (Development).

Said Will Serve Letter will stipulate the proposed project water supply for the project shall not exceed 8,000 gallons per day (8.9618 acre feet per year) or approximately 13.80 Equivalent Dwelling Units (EDUs) demand.

**Background:**

The Applicant (Thrifty Oil Company) has requested that the District perform a Water Supply Assessment for the proposed Development and provide water service for said Development. Pursuant to California Water Code Section 10910, the "Water Supply Assessment" and "Written Verifications of Water Supply" must be submitted no later than 90 days from which the request was received.

The proposed Beaumont Distribution Center Development consists of approximately 38.48 acres and provides for the development of a new 803,600 square feet of warehouse and office space facility, consisting of 783,600 square feet of warehouse/distribution facility and 20,000 square feet of office use (see attached Figures 1, 2, 3, and 4 for Development location and Development facilities plans). Based upon the development conditions set forth by the Applicant and as listed above, the proposed development is subject to a water supply assessment as required under Senate Bill No's 221 and 610.

The Applicant therefore requested that a Water Supply Assessment be prepared for the Development. In addition, the Applicant has requested that a letter of intent to serve be approved by the District, and that a portion of the project area (approximately 22.98 acres of the 38.48 acre project area) be approved by the Board for annexation to the District.

Specifically, the proposed Development project area is comprised of seven (7) land parcels identified by Riverside County as Assessor's Parcel Numbers (APNs) 418-310-007, 418-310-008, 418-320-007, 18-320-008, 418-320-009, 418-320-011, and 418-320-012. Based upon review of District annexation records three (3) land parcels associated with the Development (APNs 418-310-007, 418-320-011, and 418-320-012) consisting of approximately 15.50 acres, are within the District Boundary. The remaining four (4) land parcels associated with this project (APNs 418-310-008, 418-320-007, 418-320-008, and



418-320-009) consisting of approximately 22.98 acres are currently located outside of the District Boundary. The four parcels located outside of the District boundary will require annexation to the District.

Information provided by the Applicant for the development identifies the water system demands for the Project for the 783,600 square feet of warehouse/distribution facility and 20,000 square feet of office use facility is approximately 7,950 gallons per day (8.884 acre feet per year) or approximately 13.71 EDUs as defined by the District (580 gallons per day per EDU). The demands identified by the Applicant have been reviewed by District Staff and found to be appropriate for this type of development.

The 7,950 gallons per average day demand is attributable to the potable water supply and non-potable water supply as follows:

- Potable Average Day Demand 2,000 gallons per day (2.23 acre feet per year)
- Non-Potable Average Day Demand 5,931 gallons per day (6.644 acre feet per year)

The total new water demand required by the project will be approximately 13.71 EDUs. This new water demand to the local water supply will need to be provided by imported water via the San Geronio Pass Water Agency and new non-potable water resources available from the City of Beaumont and/or YVWD.

Upon Board approval, District Staff will prepare the annexation documentation for the southerly four parcels. District Staff will also prepare a will serve letter which will include a maximum water supply stipulation that the Beaumont Distribution Center Development not exceed the equivalent of 7,500 gallons per day of consumption or 13.80 EDUs.

#### **Conditions:**

Prior to final project development the following conditions must be met:

1. The Applicant shall enter into a water facilities extension agreement and pay all fees associated with the domestic, non-potable water services and main line pipeline extensions. The Applicant shall also pay all fees related to new fire service facilities including any facilities improvements that may be necessary to meet the fire flow requirements.
2. The Applicant shall be required to extend all master plan water and recycle water pipeline facilities along all property frontages.
3. The Applicant shall be required to pay front footage fees along all property frontages where facilities are currently installed.
4. The Applicant shall connect to the recycled water system for irrigation supply. To minimize the use of potable water, the District requires the applicant conform to the City of Beaumont Landscaping Ordinances and Zoning Requirements and/or County of Riverside Landscaping Ordinances (as applicable) which pertains to water efficient landscape requirements and the following:
  - a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall and automatically determine watering schedule based on



weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation

- b. Landscaping in non-turf areas should be drought tolerant consisting of planting materials. Irrigation systems for these areas should be drip or bubbler type.
5. The Applicant shall prepare plans in accordance with Districts Standards showing all required domestic water system and non-potable water system improvements. Said plans shall be approved by the District prior to construction.
6. The Applicant shall conform to all District requirements and all City of Beaumont requirements.

**Fiscal Impact:**

There will be no fiscal impact to the District as all the fees for annexation and required facility installation costs will be paid for by the Applicant.

Prepared by Daniel K. Jagers, Director of Engineering



G:\2011\11-0244\GIS\Aerial.mxd



Sources: County of Riverside GIS, 2011;  
Eagle Aerial, April 2010.

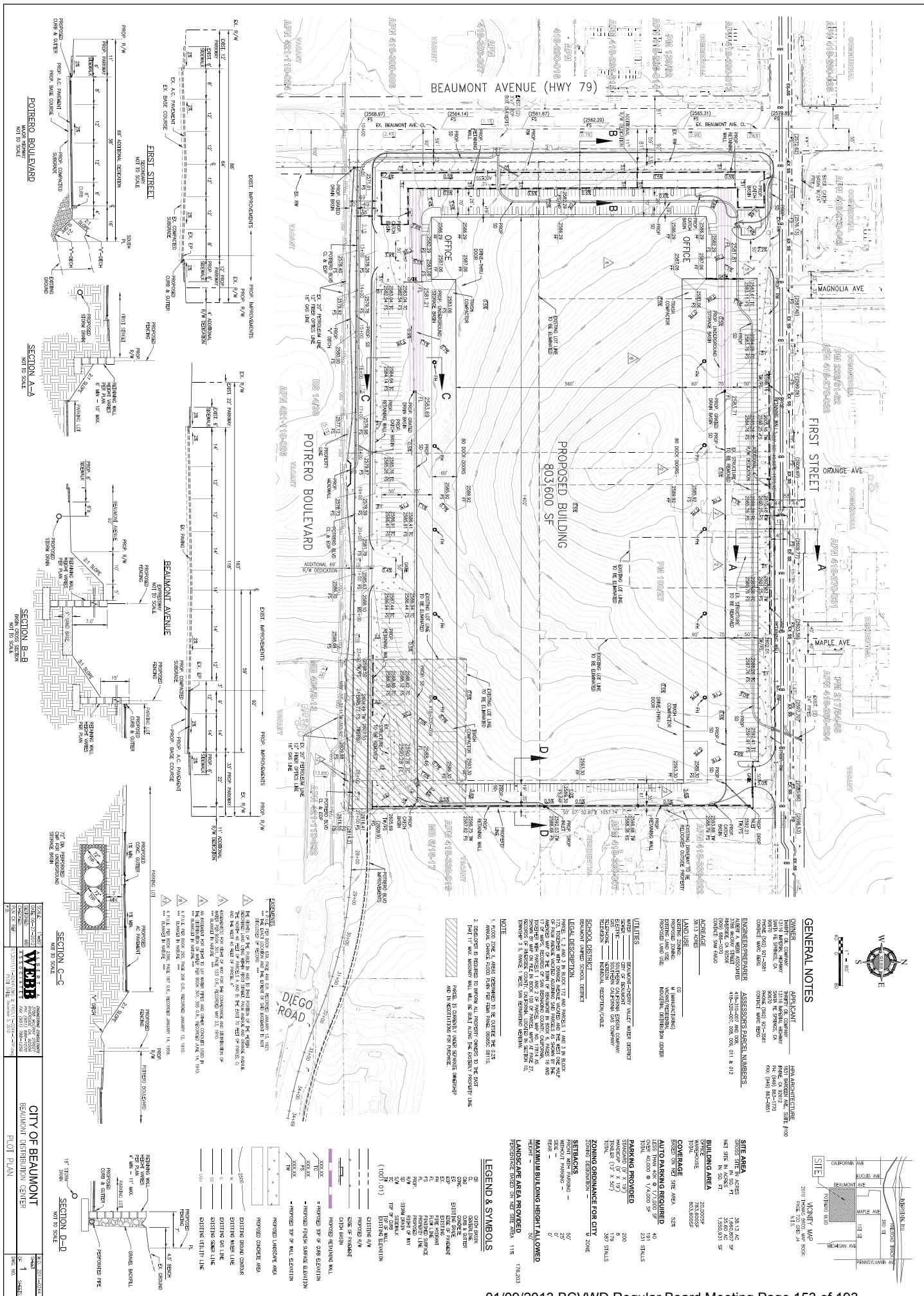
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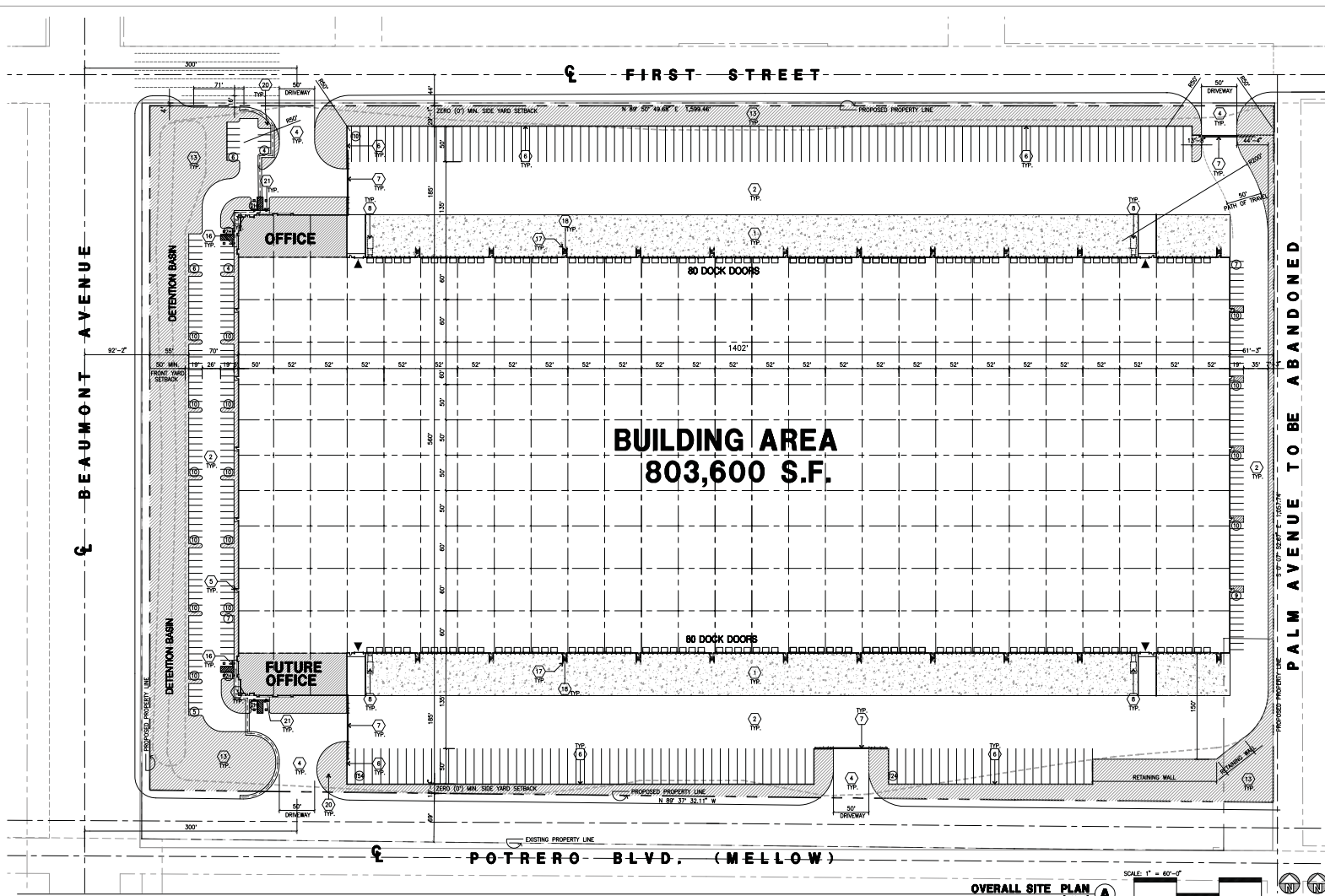
Albert A. **WEBB** Associates

**FIGURE 1-PROJECT LOCATION**





# FIGURE 3-PROJECT FACILITIES PLAN



## SITE PLAN KEYNOTES

- HEAVY BROOM FINISH CONC. PAVEMENT, SEE "C" DWGS.
- ASPHALT CONCRETE (AC) PAVING
- CONCRETE WALKWAY, SEE "C" DRAWINGS.
- DRIVEWAY APRONS TO BE CONSTRUCTED PER "L" DRAWINGS.
- 3'-4'-6" MIN. THICK CONCRETE EXTERIOR LANDING AND TYP. 4" AL. EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH. SLOPE TO BE 1/4" - 1/2" MAX. PROVIDE WALK TO PUBLIC WAY OR DRIVE WAY W/ 120 MAX. 45 DEG. R/O BY CITY STANDARDS.
- CONCRETE TILT-UP SCREEN WALL.
- PROVIDE METAL MANUAL OPERATED GATES W/ KNOX-PAD LOCK PER FIRE DEPARTMENT STANDARDS PER DRAWING. GATE TO BE DESIGNED FOR 110 MPH WIND LOAD, EXP. "C". CONTRACTOR TO DESIGN & DETAIL GATES, PROVIDE SHOP DRAWINGS & CALC. PRIOR TO FABRICATION.
- 7' SIDE X 15' LONG TRASH COMPACTOR W/ 8' WIDE X 22' LONG REFUSE CONTAINER, PER THE CITY OF BEAUMONT STANDARDS.
- APPROXIMATE LOCATION OF TRANSFORMER, CONTRACTOR TO VERIFY WITH S.C.E.
- FIRE HYDRANT.
- CONCRETE SWALE, SEE "C" DWGS.
- EXTERIOR PARKING LIGHT POLE.
- LANDSCAPE, LANDSCAPE AREAS INDICATED BY SHADED PATTERN.
- NOT USED.
- ROOF DRAIN THRU CURB.
- PRE-CAST CONC. WHEEL STOP.
- CONC. FILLED GUARD POST 6" DIA. U.N.O. 42" H.
- EXTERIOR CONC. STAIR.
- WALL MOUNTED LIGHT FIXTURE.
- HANDICAPPED ENTRY SIGN.
- HANDICAPPED PARKING SIGN.

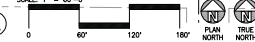
## SITE PLAN GENERAL NOTES

- NOT USED.
- IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SIDE CONCRETE.
- ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
- SEE "C" PLANS FOR ALL CONCRETE CURBS, OUTTERS AND SWALES. DETAILS ON SHEET AD-1 ARE MINIMUM STANDARDS.
- THE ENTIRE PROJECT SHALL BE PERMANENTLY MAINTAINED WITH AN AUTOMATIC IRRIGATION SYSTEM, PRIOR TO INSTALLATION & AT LEAST 60 DAYS BEFORE BLDG. COMPLETION.
- SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL. UTILITY CONTRACTOR SHALL VERIFY ACTUAL. UTILITY LOCATIONS.
- PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
- CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
- SEE "C" DRAWINGS FOR FINISH GRADE ELEVATIONS.
- CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MINIMUM 12" EA. WAY W/ 120 MAX. SLOPE EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4".
- NOT USED.
- PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
- CONSTRUCTION DOCUMENTS PERTAINING TO THE LANDSCAPE AND IRRIGATION OF THE ENTIRE PROJECT, SITE SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND APPROVED BY PUBLIC FACILITIES DEVELOPMENT PRIOR TO SIGNATURE OF BUILDING PERMITS.
- PRIOR TO FINAL CITY INSPECTION, THE LANDSCAPE ARCHITECT SHALL SUBMIT A CERTIFICATE OF COMPLETION TO PUBLIC FACILITIES DEVELOPMENT.
- NOT USED.
- ALL LANDSCAPE AND IRRIGATION DESIGNS SHALL MEET CURRENT CITY STANDARDS AS LISTED IN GUIDELINES OR AS OBTAINED FROM PUBLIC FACILITIES DEVELOPMENT.
- NOT USED.
- LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB.
- APPROVED CONCEPTUAL LANDSCAPE PLAN PRIOR TO GRADING PERMITS.

## SITE LEGEND

- LANDSCAPED AREA
- CONCRETE PAVING SEE "C" DWGS.
- STANDARD PARKING STALL (9' x 19')
- HANDICAPPED PARKING STALL (9' x 19')
- PATH OF TRAVEL
- LIGHT STANDARD
- EXISTING PUBLIC FIRE HYDRANT
- PRIVATE FIRE HYDRANT
- APPROXIMATE LOCATION

## OVERALL SITE PLAN



## PROJECT DATA

<b>SITE AREA</b>	
Gross Site In Acres	1,660,807 SF
In Sq. Ft.	38.13 AC
Net Site In Acres	1,550,931 SF
In Sq. Ft.	35.66 AC
<b>BUILDING AREA</b>	
Office	20,000 SF
Warehouse	783,600 SF
TOTAL	803,600 SF
<b>COVERAGE</b>	
Based on net site area	82%
<b>AUTO PARKING REQUIRED</b>	
Less than 40K @ 111,000 SF	40
over 40,000 @ 114,000 SF	191
TOTAL	231 STALLS
<b>PARKING PROVIDED</b>	
Standard (9' x 19')	198
Handicap (9' x 19')	8
Trailer (12' x 30')	176
TOTAL	382 STALLS
<b>ZONING ORDINANCE FOR CITY</b>	
Zoning Designation -	M ZONE
<b>SETBACKS</b>	
Front with parking - 50'	
without parking - 25'	
Side - 0'	
Rear - 0'	
<b>MAXIMUM BUILDING HEIGHT ALLOWED</b>	
Height - 50'	
<b>LANDSCAPE AREA PROVIDED</b>	
Percentage based on net site area	11%

Note: This is a conceptual plan. It is based on preliminary information which is not fully verified and may be incomplete. It is meant as a comparative aid in examining alternate development strategies and any quantities indicated are subject to revision as more reliable information becomes available.

## PROJECT INFORMATION

**Owner / Applicant**  
GOLDEN SPRINGS DEVELOPMENT COMPANY  
13116 IMPERIAL HIGHWAY  
SANTA FE SPRINGS, CA 90670  
TEL: (562) 921-3381  
CONTACT: MARC BERG

**Architect**  
HPA, INC.  
18831 BARDEN AVE. SUITE #100  
IRVINE, CA 92612  
TEL: (949) 883-1770  
CONTACT: JAMES CHUNG

**Assessors Parcel Number**  
418-310-007 AND 008,  
418-320-007, 008, 009, 011 & 012

## Civil Engineer

WEBB ASSOCIATES  
2708 MACKEY STREET  
HERMISTON, OR 97130  
TEL: (503) 686-1070  
CONTACT: SAM FARJO

## Construction Type:

BUILDING 8-B

## VICINITY MAP



hpa, inc.  
18831 barden avenue - ste. #100  
irvine, ca 92612  
tel: 949 883-1770  
fax: 949 883-0551  
email: hpa@hpaarch.com

Owner  
**Golden Springs Development Co.**

Golden Springs Development Company  
13116 IMPERIAL HIGHWAY  
SANTA FE SPRINGS, CA 90670  
tel: 562-921-3381  
fax: 562-921-3077

Project:  
**BEAUMONT DISTRIBUTION CENTER**

CITY OF BEAUMONT, CA

Consultants:

CIVIL  
STRUCTURAL  
MECHANICAL  
PLUMBING  
ELECTRICAL  
LANDSCAPE  
FIRE PROTECTOR  
SOIL ENGINEER

Title: **site plan**

Project Number: **8157**

Drawn by: **AJM**

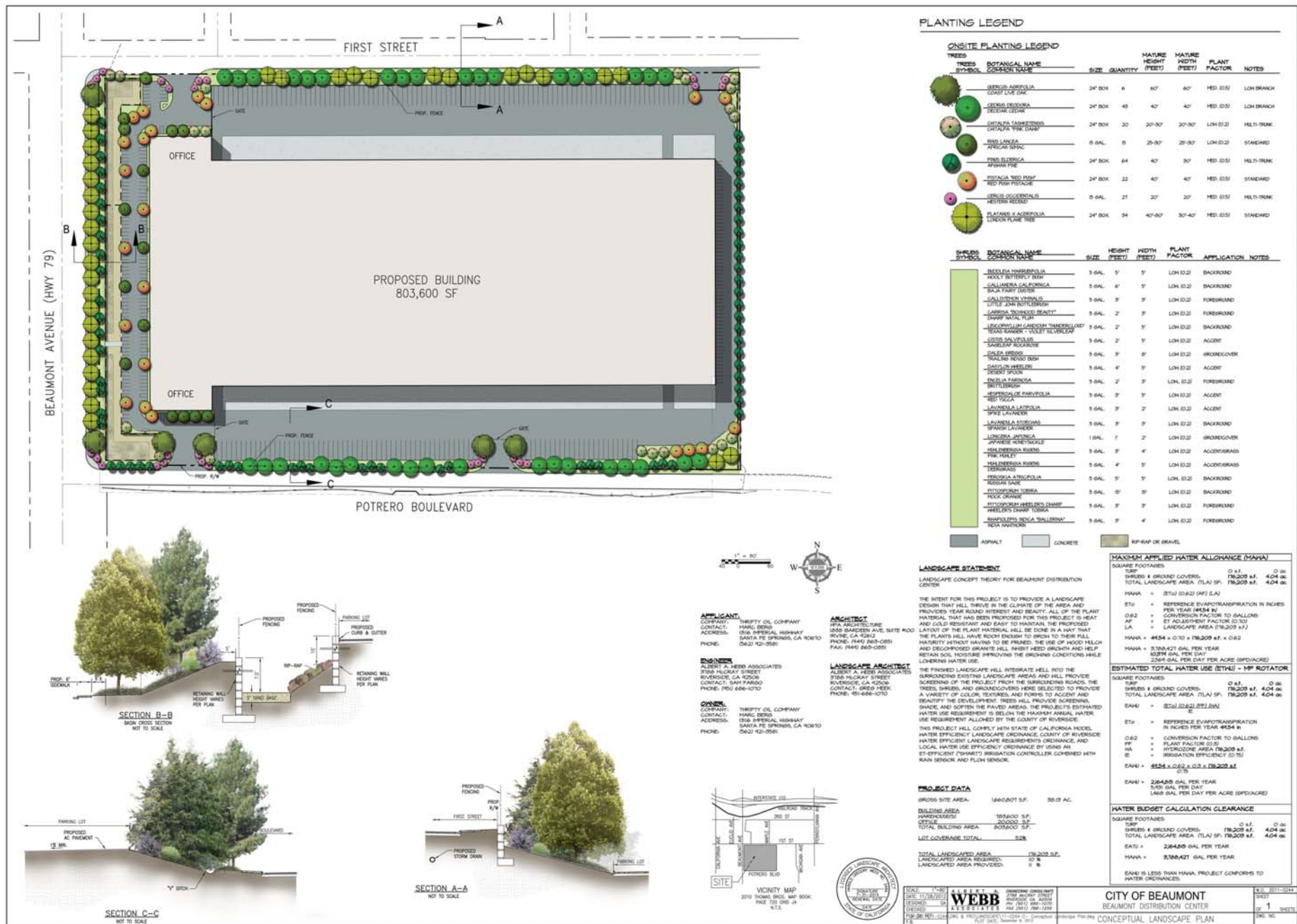
Date: **07/02/2012**

Revision:

Sheet:

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BEAUMONT-CHERRY VALLEY WATER DISTRICT  
560 MAGNOLIA AVENUE  
BEAUMONT, CALIFORNIA 92223  
(951) 845-9581

**WATER SUPPLY ASSESSMENT  
FOR  
BEAUMONT DISTRIBUTION CENTER**

**DECEMBER 2012**

Prepared by

BEAUMONT-CHERRY VALLEY WATER DISTRICT  
560 MAGNOLIA AVENUE  
BEAUMONT, CALIFORNIA 92223  
(951) 845-9581

(WSA-BDC)  
DKJ/dkj



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## **I. INTRODUCTION**

The proposed project (Beaumont Distribution Center) is planned for construction within the City of Beaumont and will consist of the development of approximately 38.48 acres of land located south of 1<sup>st</sup> Street, north of Potrero Boulevard, East of Beaumont Avenue, and West of Palm Street. The proposed project provides for the development of a new 803,600 square foot warehouse and office space facility, consisting of 783,600 square feet of warehouse/distribution facility and 20,000 square feet of office facility. Based upon the development conditions listed above, the proposed development is subject to a water supply assessment as required under Senate Bill No. 610.

## **II. PURPOSE OF REPORT**

This Water Supply Assessment has been prepared for the Beaumont Distribution Center to satisfy the requirements of Senate Bill No. 610 (Water Code Section 10910) and determine the adequacy of current and future water supplies to serve the Beaumont Distribution Center Project. The purpose of the Water Supply Assessment is to determine the adequacy of current and future water supplies to serve the Beaumont Distribution Center Project. SB 610 focuses on the content of the water purveyor's latest Urban Water Management Plan. It also stipulates that, when a project is subject to California Environmental Quality Act (CEQA), the appropriate water supply agency must provide an assessment of whether its total projected water supplies will meet the projected water demand of the project. For the Beaumont Distribution Center Project, the water purveyor is the Beaumont-Cherry Valley Water District (BCVWD).

### **Law**

Water Code section 10910 requires a city or county that determines a project is subject to the California Environmental Quality Act to identify any public water system that may supply water for the project and to request those public water systems to prepare a specified water supply assessment, except as otherwise specified. The bill requires the assessment to include, among other information, an identification of existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project and water received in prior years pursuant to those entitlements, rights, and contracts.

The bill prescribes a timeframe within which a public water system is required to submit the assessment to the city or county and authorizes the city or county to seek a writ of mandamus to compel the public water system to comply with requirements relating to the submission of the assessment.

The bill requires the public water system, or the city or county, as applicable, if that entity concludes that water supplies are, or will be, insufficient, to submit the plans for acquiring additional water supplies.

The bill requires the city or county to include the water supply assessment and certain other information in any environmental document prepared for the project pursuant to the act.

### **III. PROJECT DESCRIPTION**

The proposed Beaumont Distribution Center project will consist of the development of approximately 38.48 acres of land and provides for the development of a new 803,600 square foot warehouse and office space facility, consisting of 783,600 square feet of warehouse/distribution facility and 20,000 square feet of office facility.

Specifically, the proposed Development project area is comprised of seven (7) land parcels identified by Riverside County as Assessor's Parcel Numbers (APNs) 418-310-007, 418-310-008, 418-320-007, 18-320-008, 418-320-009, 418-320-011, and 418-320-012. Of which, three (3) land parcels associated with the Development (APNs 418-310-007, 418-320-011, and 418-320-012) consisting of approximately 15.50 acres, are located within the BCVWD Boundary. The remaining four (4) land parcels associated with this project (APNs 418-310-008, 418-320-007, 418-320-008, and 418-320-009) consisting of approximately 22.98 acres are currently located outside of the BCVWD Boundary, but within the BCVWD's Sphere of Influence. The four parcels located outside of the BCVWD boundary will require annexation to the BCVWD.

Refer to Figures 1, 2, 3, and 4 for Development Location Map, Site Plan, Facilities Plan, and Conceptual Landscape Plan included at the end of this section.

FIGURE 1 – PROJECT LOCATION MAP



FIGURE 1-PROJECT LOCATION

FIGURE 2 – PROJECT STIE PLAN

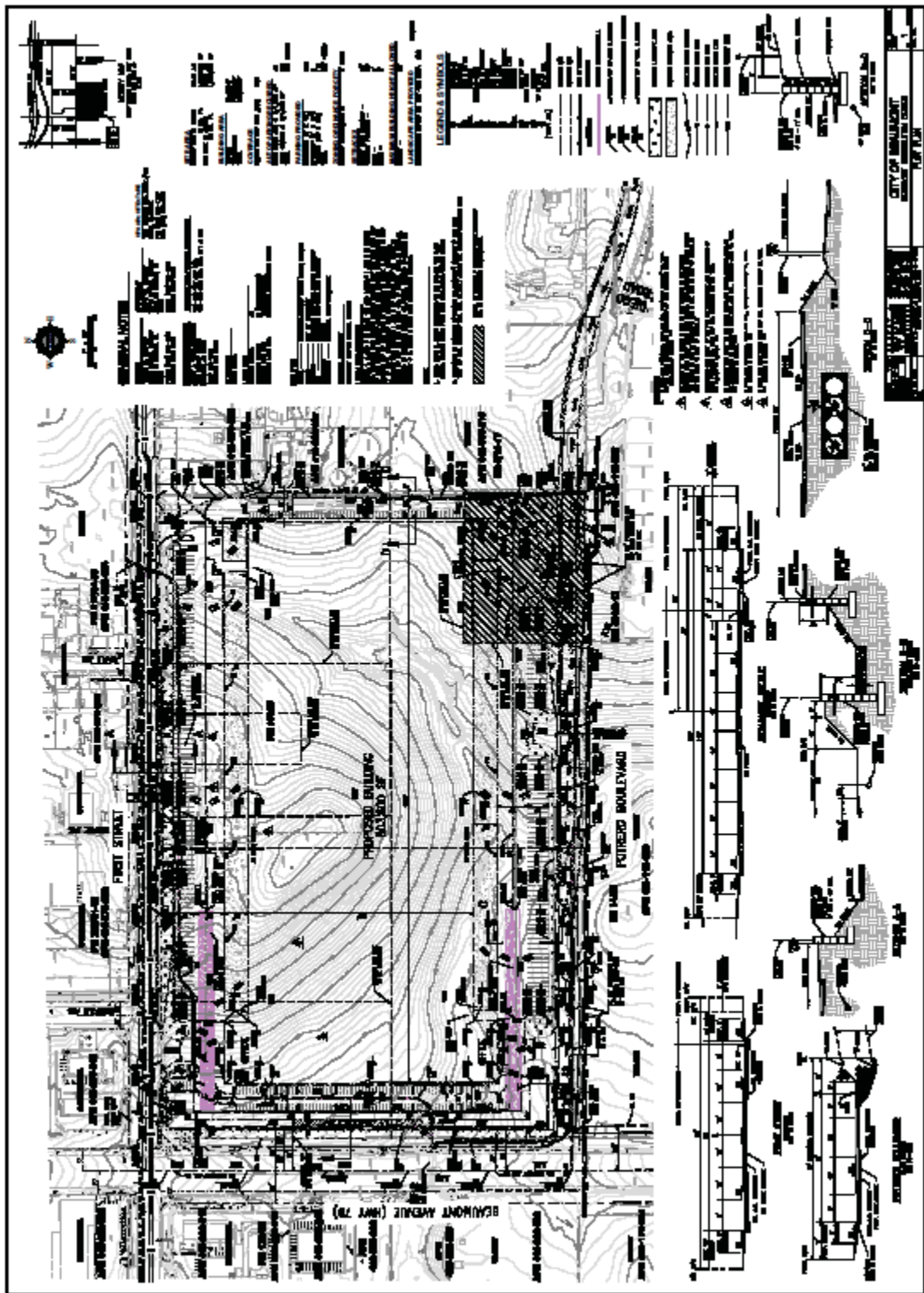


FIGURE 2-PROJECT SITE PLAN

**FIGURE 3-PROJECT FACILITIES PLAN**



**FIGURE 4-CONCEPTUAL  
LANDSCAPE PLAN**



## **IV IDENTIFICATION OF PUBLIC WATER SYSTEM**

### **Law**

10910. (b) The city or county, at the time that it determines whether an environmental impact report, a negative declaration, or a mitigated negative declaration is required for any project subject to the California Environmental Quality Act pursuant to Section 21080.1 of the Public Resources Code, shall identify any water system that is, or may become as a result of supplying water to the project identified pursuant to this subdivision, a public water system, as defined in Section 10912, that may supply water for the project. If the city or county is not able to identify any public water system that may supply water for the project, the city or county shall prepare the water assessment required by this part after consulting with any entity serving domestic water supplies whose service area includes the project site, the local agency formation commission, and any public water system adjacent to the project site.

Beaumont-Cherry Valley Water District (BCVWD) owns and operates the water system currently serving the Beaumont Distribution Center Project Area. BCVWD was first formed in April 1919, to provide domestic and irrigation water to the new community of Beaumont and the surrounding area. BCVWD was originally named the Beaumont Irrigation District. In 1973 the name was changed to the Beaumont-Cherry Valley Water District. However, even though the name has changed, the BCVWD's authority comes from the Irrigation District Law of the State of California.

BCVWD owns approximately 2,800 acres of watershed land north of Cherry Valley along the Little San Geronio Creek (also known as Edgar Canyon) and Noble Creek. There are two stream diversion locations within Little San Geronio Creek that are in the Department of Water Resources, Division of Water Rights database. The diversions have pre-1914 recorded water rights amounting to 3,000 miners inch hours (MIH) or approximately 45,000 acre-feet per year (AFY) of right for diversion of water for domestic and irrigation uses. However, BCVWD has never had a demand that requires such large quantities of water supply; and the watersheds may not be capable of supplying such quantities during an average year. The creeks/canyons have been used for water development via diversions for irrigation and domestic service since the latter part of the 1800s.

Figure 5 (located at the end of this section) shows BCVWD's present Service Boundary and Sphere of Influence (SOI). BCVWD's present service area covers approximately ten square miles, virtually all of which is in Riverside County and includes the City of Beaumont and the community of Cherry Valley. BCVWD owns land in San Bernardino County is located just north of the Riverside-San Bernardino County line in Edgar Canyon where BCVWD operates a number of Wells and several reservoirs.

BCVWD's SOI, or ultimate service planning area, encompasses an area of approximately 37.5 square miles (14.3 sq mi are in the City of Beaumont). This SOI was established by the Riverside and San Bernardino County Local Agency Formation Commissions (LAFCOs). SOIs are established as a planning tool and help establish agency boundaries and avoid problems in service, unnecessary duplication of costs, and inefficiencies associated with overlapping service.

BCVWD's SOI is bounded on the west and north by the Yucaipa Valley Water District (YVWD) and on the east by the City of Banning. The northerly boundary of Eastern Municipal Water District (EMWD) is one-mile south of the BCVWD's southerly SOI boundary. The area between EMWD and the BCVWD's SOI is not within any SOI and could be annexed to either BCVWD or EMWD. BCVWD's SOI in Little



San Gorgonio Canyon follows Oak Glen Road. The area west of Oak Glen Road is within YVWD's SOI; east of Oak Glen Road is within BCVWD's SOI.

The service area ranges in elevation from 2,300 feet above mean sea level in Fairway Canyon area of Beaumont on the southwestern boundary, to 2,900 feet in Cherry Valley, and over 4,000 feet in the upper reaches of the SOI.

The area serves primarily as a "bedroom" community for the Riverside/San Bernardino Area and the communities east of Los Angeles County along the I-10 corridor.

### **Overview of BCVWD's Water System and Operation**

BCVWD owns and operates both a potable and a non-potable water distribution system. BCVWD provides potable water and scheduled irrigation water to agricultural users through the potable water system. BCVWD also provides non-potable water for landscape irrigation of parks, playgrounds, school yards, street medians and common areas through its non-potable (recycled) water system.

BCVWD currently (2011) has about 15,400 connections (274 are landscape irrigation connections to the non-potable water system and 45 are for agricultural irrigation which are connected to the potable water system). The number of connections increased from 5,600 in the year 2000 before the housing boom that encompassed Western Riverside County and particularly Beaumont. In 2011, the BCVWD provided just over 11,000 AF of water (9.8 mgd average). The maximum day pumping was about 22 mgd. All of this was groundwater. Pumping has declined steadily since the high of nearly 13,600 AF in 2008. This is likely attributable to the decrease in construction water sales and water conservation.

### **Potable Water System**

BCVWD's potable water system is supplied by Wells in Little San Gorgonio Creek (Edgar Canyon) and the Beaumont Groundwater Basin (sometimes called the Beaumont Storage Unit or the Beaumont Management Zone). BCVWD has a total of 24 Wells (1 well is a standby). The Beaumont Groundwater Basin is adjudicated and managed by the Beaumont Basin Watermaster. BCVWD augments its groundwater supply with imported State Project Water from the San Gorgonio Pass Water Agency (SGPWA) which is recharged at BCVWD's recharge and recreation facility at the intersection of Brookside Avenue and Beaumont Avenue. Overall, the water quality from BCVWD's Wells is excellent. Total Dissolved Solids (TDS) is usually below 250 mg/L. Nitrates are only a sporadic problem in a few Wells at present. BCVWD continues to monitor these Wells per California Department of Public Health (DPH) requirements. No Wells have had to be taken out of service because of water quality concerns.

Wells in Edgar Canyon have limited yield, particularly in dry years, and take water from shallow alluvial and bedrock aquifers; Wells in the Beaumont Basin are large capacity and pump from deep aquifers – some as deep as 1,500 ft below the ground surface. The Edgar Canyon Wells are very inexpensive to operate and are the preferred source; however, those Wells are not able to meet even the average day demand. The Edgar Canyon Wells pump to a gravity transmission main that extends the full length of the BCVWD-owned properties in Edgar Canyon. The transmission main connects to the distribution system in Cherry Valley. Water from the Edgar Canyon Wells which is not used in the developed areas adjacent to Edgar Canyon or Cherry Valley can be released to lower pressure zones.

During 2011, the Edgar Canyon Wells provided about 19 percent of the total annual supply; the rest is pumped from Wells in the Beaumont Basin. BCVWD's total well capacity (Edgar Canyon and Beaumont

Basin) is about 33 million gallons per day (mgd). The BCVWD is easily able to meet the maximum day demand (currently about 22 mgd) with the largest well out of service.

Because of the range of topographic elevations in the BCVWD's service area, 11 pressure zones are needed to provide reasonable operating pressures for customers.

BCVWD has 14 reservoirs ranging in size from 0.5 million gallons (MG) to 5 MG. Total storage is approximately 22 MG – slightly more than 2 average days. The reservoirs provide gravity supply to their respective pressure zones. The BCVWD's system is constructed such that any higher zone reservoir can supply water on an emergency basis to any lower zone reservoir. There are booster pumps in the system that allow water to be pumped up from a lower pressure zone to a higher pressure zone also. This provides great flexibility in system operations.

The backbone transmission system in the main pressure zones is 24-in diameter. (There is some 30-in diameter from some reservoirs.) The bulk of this pipe (ductile iron with cement mortar lining) was installed in the last 10 to 15 years. There are a number of small distribution lines in the system that are gradually being replaced over time with minimum 8-in diameter pipe. The system is capable of providing over 4,000 gallons per minute (gpm) fire flow in the industrial/commercial areas of the service area.

### **Imported Water and Recharge Facilities**

BCVWD imported and storm water recharge facility consists of a 78-acre site on the east side of Beaumont Avenue between Brookside Ave. and Cherry Valley Blvd. and currently consists of a percolation pond system located on the westerly half (Phase I Recharge Facilities) of the 78-acre site. The Phase I percolation pond project was completed in late summer 2006 and has excellent recharge capabilities. Long-term percolation rates are around 10 AF/acre/day. BCVWD is currently moving forward with the Phase II Recharge Facilities which will be constructed on the east half of the 78-acre site.

BCVWD owns and operates a 24-in pipeline from the groundwater recharge site to a turnout on East Branch Extension (EBX) of the State Water Project. A metering station was installed at the turnout at Noble Creek and Vineland Avenue and BCVWD is currently taking imported water deliveries from the San Geronio Pass Water Agency (SGPWA) for recharge. Since commencing operation in 2006 through the end of November 30, 2012, approximately 33,840 AF of imported water has been recharged.

The maximum available imported water is currently limited by the SGPWA's Table A allotment of 17,300 AF per year. This delivery is also limited due to the fact that only Phase I of the East Branch Extension has been completed which provides a capacity of 24 CFS for delivery of State Project Water to the Pass Area. However, Phase II of the East Branch Extension (EBX II) is under construction and scheduled to be completed by 2015. The completion of EBX II improvements will increase the capacity of the SGPWA to deliver up to 48 CFS of State Project Water to the Pass Area.

### **Non-potable (Recycled) Water System**

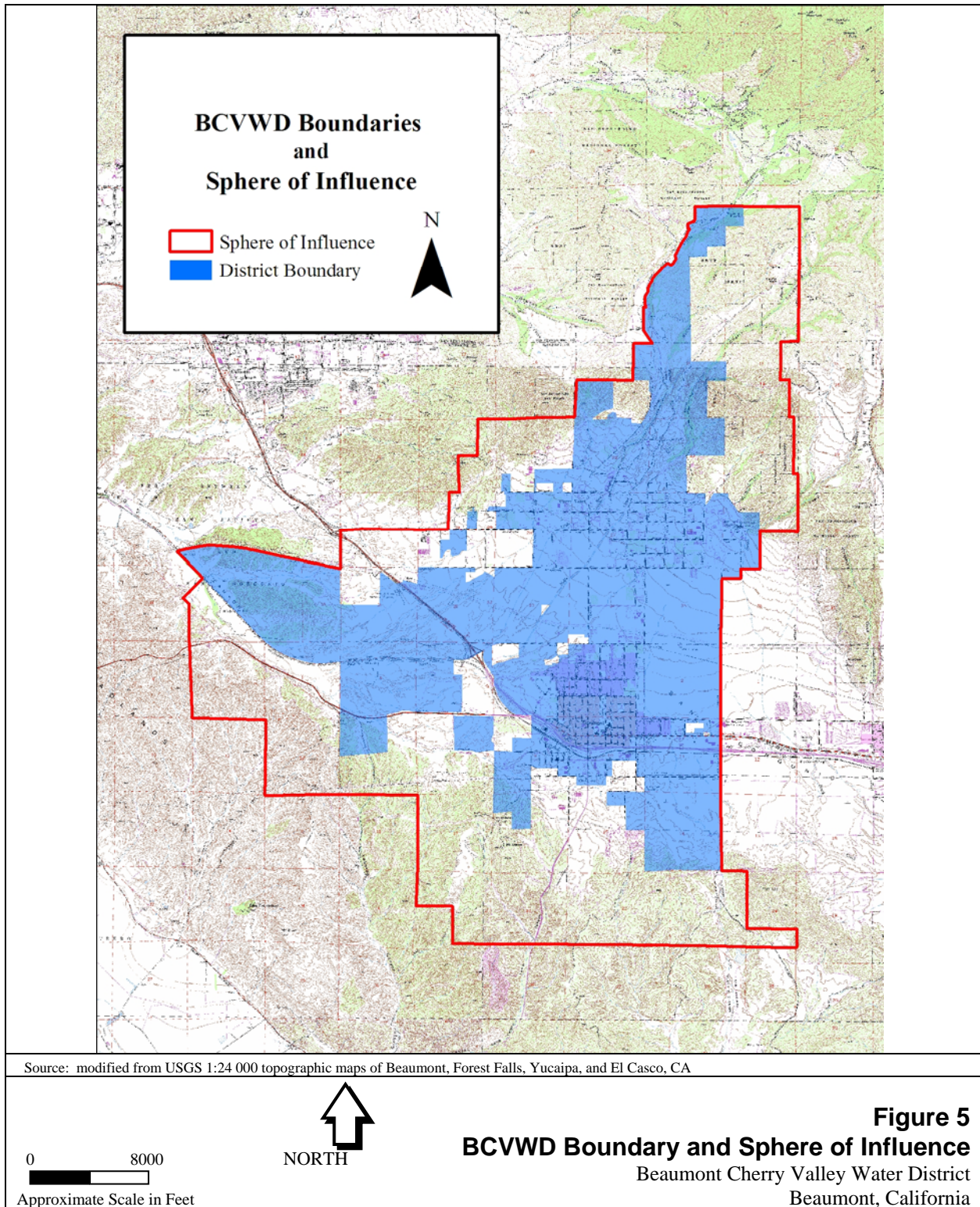
Currently BCVWD has over 30 miles of backbone non-potable water transmission system in place which is supplemented by an extensive network of smaller distribution lines. The backbone system forms a loop around the city of Beaumont and comprises of primarily 24-in diameter ductile iron pipe. The system includes a 2 million gallon recycled (non-potable) water reservoir which provides gravity storage for the system. There are approximately 240 existing landscape connections to the recycled water system receiving approximately 1,700 AF of water (2011).

The recycled water system is currently pressurized with potable water through 5 interconnections between the potable and non-potable water system. The BCVWD is working with the City of Beaumont and Yucaipa Valley Water District to secure recycled water for use in the non-potable water system. BCVWD has also been awarded a facilities planning grant from the State Water Resources Control Board (SWRCB) to develop a facilities plan for a recycled water connection with YVWD.

The 2 MG non-potable reservoir is piped to receive potable water or untreated State Project Water (SPW) through air gap connections. The non-potable water system can have a blend of recycled water, imported untreated State Project Water, and potable water. The 2 MG non-potable reservoir is located at the BCVWD's groundwater recharge site at Beaumont Avenue between Brookside Ave. and Cherry Valley Blvd.

When the demand for recycled water for landscape irrigation is less than the supply available, BCVWD may ultimately recharge the surplus recycled water and imported surface water at BCVWD's groundwater recharge facility or some alternative facility. BCVWD anticipates that this recharge will not take place in the near future at the recharge facilities due to proposed State of California Regulations that require extensive testing and monitoring and/or advanced treatment. This is cost prohibitive in the near future as long as State Project water is available for use.

**FIGURE 5 – BCVWD BOUNDARY AND SPHERE OF INFLUENCE**



## **V PROJECT APPLICABILITY**

### **Law**

10910. (a) Any city or county that determines that a project, as defined in Section 10912, is subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) under Section 21080 of the Public Resources Code shall comply with this part. 10912. For the purposes of this part, the following terms have the following meanings:

(a) "Project" means any of the following:

- (1) A proposed residential development of more than 500 dwelling units.
- (2) A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space.
- (3) A proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space.
- (4) A proposed hotel or motel, or both, having more than 500 rooms.
- (5) A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area.
- (6) A mixed-use project that includes one or more of the projects specified in this subdivision.
- (7) A project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project.

The proposed Beaumont Distribution Center Project requires a water supply assessment pursuant to Senate Bill 610 (SB 610) under Section 10912 (a) (2). The Beaumont Distribution Center is a "Project" as defined by Water Code Section 10910 under several definitions, including Section 10910, paragraph (2) above, due to the fact that the Project includes an a proposed business establishment having more than 500,000 square feet of floor space. The project proposes 803,600 square feet of floor space.

## VI. SCHEDULE

### Law

10910. (g) (1) Subject to paragraph (2), the governing body of each public water system shall submit the assessment to the city or county not later than 90 days from the date on which the request was received. The governing body of each public water system, or the city or county if either is required to comply with this act pursuant to subdivision (b), shall approve the assessment prepared pursuant to this section at a regular or special meeting.

(2) Prior to the expiration of the 90-day period, if the public water system intends to request an extension of time to prepare and adopt the assessment, the public water system shall meet with the city or county to request an extension of time, which shall not exceed 30 days, to prepare and adopt the assessment.

(3) If the public water system fails to request an extension of time, or fails to submit the assessment notwithstanding the extension of time granted pursuant to paragraph (2), the city or county may seek a writ of mandamus to compel the governing body of the public water system to comply with the requirements of this part relating to the submission of the water supply assessment.

This WSA has been prepared in accordance with the schedule set forth in Section 10910 of the California Water Code.

## VII. ESTIMATED WATER DEMAND

Information provided by the Applicant, Albert A. Webb Associates (Webb, Project Engineer) for the development identifies the water system demands for the Project for the 783,600 square feet of warehouse/distribution facility and 20,000 square feet of office use facility is approximately 7,950 gallons per day (8.884 AFY) or approximately **13.71 EDUs** as defined by BCVWD (580 gallons per day per EDU).

The demands identified by the Applicant have been reviewed by BCVWD Staff and found to be appropriate for this type of development.

Based on the information provided by the Project Engineer, the 7,950 gallons per average day demand is further defined as it related to the BCVWD's potable water supply and non-potable water supply as follows:

- **Potable Average Day Demand** 2,000 gallons per day (2.23 AFY)
- **Non-Potable Average Day Demand** 5,931 gallons per day (6.644 AFY)

## **VIII. URBAN WATER MANAGEMENT PLAN (UWMP) REVIEW**

### **Law**

10910. (c) (1) The city or county, at the time it makes the determination required under Section 21080.1 of the Public Resources Code, shall request each public water system identified pursuant to subdivision (b) to determine whether the projected water demand associated with a proposed project was included as part of the most recently adopted urban water management plan adopted pursuant to Part 2.6 (commencing with Section 10610).

(2) If the projected water demand associated with the proposed project was accounted for in the most recently adopted urban water management plan, the public water system may incorporate the requested information from the urban water management plan in preparing the elements of the assessment required to comply with subdivisions (d), (e), (f), and (g).

(3) If the projected water demand associated with the proposed project was not accounted for in the most recently adopted urban water management plan, or the public water system has no urban water management plan, the water supply assessment for the project shall include a discussion with regard to whether the public water system's total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the proposed project, in addition to the public water system's existing and planned future uses, including agricultural and manufacturing uses.

(4) If the city or county is required to comply with this part pursuant to subdivision (b), the water supply assessment for the project shall include a discussion with regard to whether the total projected water supplies, determined to be available by the city or county for the project during normal, single dry, and multiple dry water years during a 20-year projection, will meet the projected water demand associated with the proposed project, in addition to existing and planned future uses, including agricultural and manufacturing uses.

All water served to the BCVWD's water customers, including the proposed Beaumont Distribution Center, is currently supplied through ground water Wells located within BCVWD's boundary. BCVWD's 2005 UWMP (currently being updated) and Draft SWP Allocation Agreement for retailers within the SGPWA Service Area are the primary source documents for this section.

The current estimated population in BCVWD's service area is approximately 45,000 and is expected by BCVWD to reach upwards of 95,000 (SCAG WRCOG) and population based on current projects under construction or approved for construction within BCVWD's service area by 2035. However, based upon recent building trends in the area, BCVWD anticipates a more appropriate population estimate for 2035 is approximately 71,500. Population projections are based on several tools available to the BCVWD, including a database on proposed projects, regional projections, socioeconomic studies, City of Beaumont's General Plan, the Riverside County Integrated Plan, and local absorption studies.



## **Water Sources**

BCVWD currently has (3) sources of water supply: local potable groundwater from Edgar Canyon Groundwater Basin, local potable groundwater from Beaumont Groundwater Basin, and imported State Project purchased from SGPWA (used to recharge the Beaumont Groundwater Basin).

BCVWD is currently developing storm water capture and recharge programs to facilitate recharge opportunities for the Beaumont Groundwater Basin. Said programs include storm water capture in Little San Geronio Creek, Noble Creek, and Urban runoff in the vicinity of the recharge facilities.

BCVWD is also currently working to secure two (2) sources of recycled wastewater supply from the City of Beaumont and Yucaipa Valley Water District (YVWD) for use in BCVWD's non-potable water system. BCVWD also plans to utilize State Project Water (SPW) to provide supplemental water to the non-potable water system as necessary to provide recycled water total dissolved solids mitigation and meet maximum day demand needs.

## **Groundwater**

The BCVWD presently extracts water from two local groundwater sources to meet BCVWD's water demand, Edgar Canyon and the Beaumont Groundwater Basin.

The Beaumont Basin is a very large groundwater source that the United States Geological Survey (USGS) estimates contains approximately 1.1 million AF of groundwater in storage.

Based on BCVWD studies and those prepared by San Geronio Pass Water Agency (Agency) and the San Timoteo Watershed Management Authority (STWMA), it is estimated that the long-term safe yield for the Edgar Canyon is 2,600 AFY and for the Beaumont Basin the long-term safe yield is between 5,000 AFY and 8,650 AFY. (depending on the specific study). In accordance with the Beaumont Groundwater Basin Stipulated Judgment, the Beaumont Basin Safe Yield was set at 8,650 AFY for the period of 2004 to 2014. The basin safe yield is required to be re-assessed by the Beaumont Basin Watermaster every 10 years, subsequent to 2004. The next re-assessment will be completed by 2014.

In 1902, the BCVWD's predecessor, Beaumont Land and Water Company (Company) began diversions of water in the Little San Geronio Creek and Noble Creek to supplement irrigation water demands using surface water rights that the Company had purchased with land acquisitions along the creeks. The Company also purchased downstream riparian water rights to allow full use of the surface flows of the creeks. The BCVWD's first shallow Wells were built about this same time (1902) to augment surface water supplies and to provide a more reliable water supply to the growing community. As the Wells came on line the Company began to impound the stream flows to recharge shallow aquifers the Wells pumped from. This diversion has continued throughout the twentieth century and continues today. Through the last twenty or so years the BCVWD has closely monitored diversions and extractions determining that more water is recharged than is pumped from the canyon supply. The USGS, in cooperation with the BCVWD and the San Geronio Pass Water Agency, has recently determined in a currently published USGS report, that the recharged groundwater in the Little San Geronio Creek Canyon does not flow underground into the Beaumont Basin presumably because of the existing geology underlying alluvial fill in the canyon areas the BCVWD uses for recharge.

To augment existing groundwater sources, which provides all of BCVWD's potable water supply, the BCVWD has completed Phase I of a two phase recharge and reconciliation facility project on a 78 acre



recharge site. Construction of Phase 1 of the Recharge Project was completed in September 2006 and at that time the project began accepting State Water for percolation (recharge) into the groundwater basin. As of November 30, 2012 the BCVWD percolated approximately 33,840 AF of imported water.

The BCVWD is currently proceeding with Phase II of the recharge and recreation facility project which will increase the opportunity for the BCVWD to recharge groundwater with imported water and will include features which will facilitate opportunities for stormwater capture projects and subsequent recharge of said stormwater capture at the Phase II Facilities. The BCVWD is also currently developing stormwater capture projects that will most likely include capture of storm water flows in Little San Gorgonio Creek, Noble Creek, as well as capture of urban runoff in the vicinity of the recharge facilities.

A BCVWD engineering study titled “Resource Development–Surface Water Capture for Little San Gorgonio Creek and Other Locations”; amended December 10, 2001 discusses in detail the original recharge and recovery project concept. Said Study also identified that the estimated yearly average long-term capture of stormwater flows would be 4,100 AFY. BCVWD Staff is currently re-assessing the actual amount of stormwater flow that may be captured and BCVWD Staff feels that the 4,100 AFY volume stated in the Study is optimistic with regards to how much actual water can be captured and percolated.

### **Imported Water**

BCVWD currently relies on imported water purchased from the SGPWA, which consists of water from Northern California through the State Water Project (SWP).

Untreated water from SGPWA is currently used to recharge the Beaumont Groundwater Basin and subsequently recovered using the District’s Wells.

The SWP is owned by the State of California and operated by the State Department of Water Resources. The SWP delivers water from Northern California pulled from the San Francisco Bay/San Joaquin River Delta south through the California Aqueduct. The listing of several species as threatened or endangered in the Bay-Delta region have impacted operations and limited the flexibility of the SWP. Current operations have been significantly curtailed due to restrictions put into place to protect Delta Smelt (*Hypomesus transpacificus*), a federal and state-listed threatened fish species that inhabits the estuaries of the Bay-Delta region. Changes in project operation have affected the manner in which water is diverted from the Bay- Delta and SWP deliveries. Restrictions on Bay-Delta pumping have reduced recent deliveries of SWP water to the respective State Water Contractors.

### **Non-Potable Water**

BCVWD developed a non-potable water distribution system for delivery of non-potable water and recycled water to landscape irrigation customers. BCVWD also requires recycled water distribution piping in new developments. BCVWD also collects a Recycled Water Facility Fee from each new EDU to finance these improvements. This fee provides the necessary capital for BCVWD to complete the recycled water distribution and storage system as development occurs.

BCVWD is currently working on securing recycled water supplies from both the City of Beaumont and Yucaipa Valley Water District. The use of recycled water for the parks, golf courses, and other open space areas will “free-up” available potable water, which is presently being used for irrigation.

The City of Beaumont's recycled water supply available for possible distribution is currently estimated to be about 0.91 million gallons per day (1,019 AFY) of the 2.8 million gallons per day of wastewater currently produced by the City of Beaumont. The remaining 1.8 million gallons per day is required to be discharged for habitat mitigation within San Timoteo Creek. The City of Beaumont's ultimate development recycled water source of supply is projected to be approximately 8.2 million gallons (10 MGD total) per day (9,185 AFY). The City of Beaumont estimates that the average annual wastewater collected per EDU is 0.19 gpm/EDU (0.31 AFY/EDU.) This statistic indicates, when compared to the BCVWD's current actual average deliveries of water to individual EDU on 10,000 square foot lots or less (0.61 AFY/EDU) indicate that 50% of the water delivered to an EDU may be available in the future to be recycled under the BCVWD's recycled water use plan.

Prior to utilizing the City's recycled water supply, the City will need to upgrade the wastewater treatment plant to meet Title 22 requirements and will need to construct a plant expansion that will most likely include a reservoir for storage of recycled water at the plant along with a booster station to pump recycled water to the BCVWD's recycled water distribution system point of connection.

The City of Beaumont's recycled water will also require either advanced treatment with new facilities (not yet funded or constructed) to remove Total Dissolved Solids (TDS) from the water or will require blending with low TDS water supplies (i.e. imported water or YVWD low TDS recycled water) to meet the Beaumont Groundwater Basin TDS objectives set forth by the Regional Water Quality Control Board.

BCVWD estimates YVWD currently will have as much as 2,000 AFY of recycled water available for distribution as soon as 2015. YVWD has constructed advanced wastewater treatment facilities and can provide TDS levels as required to meet the Beaumont Groundwater Basin TDS level objectives with or without blending with other low TDS non-potable water sources.

Currently the annual irrigation water demand supplied by the BCVWD is estimated to be approximately 1,700 AFY, which includes irrigation of parks, schools, green belt areas, etc. BCVWD Staff estimates that up to 4,000 AFY of potable water is used to irrigate various golf courses in the area, and BCVWD plans to work towards eventually converting said golf courses to recycled water users. Once these golf courses are converted, the current groundwater demand for irrigation would then be available to the BCVWD to meet domestic demands. These golf courses consist of three golf courses which pump from the Beaumont Basin, and a smaller golf course, which is served by a well outside of the Beaumont Basin in Marshall Canyon. Said smaller golf course also receives water from springs located northeast of the developed area of Cherry Valley.

### **Urban Runoff Capture and Percolation**

Additional sources of water for future development also include increased return flows from the development of lands overlying the Beaumont Basin. The San Timoteo Watershed Management Authority (STWMA), discussed later in this section, developed a study funded by STWMA and the Santa Ana Regional Water Quality Control Board that studied the relationship between recharge from vacant lands and developed lands that are irrigated regularly (lawn watering, golf course watering etc.). This report gives an indication of the possible water supply that could be developed by the capture of runoff from impervious areas of both existing and newly developing areas. Said report gives an indication of the available water that is delivered to an EDU and that could be returned to the groundwater source as return flow.

The City of Beaumont and the BCVWD are also working together with developers throughout the BCVWD's service area to develop four "Incidental Recharge" areas. The largest of which is on Noble

Creek. These areas will be developed to capture urban storm runoff for recharge to the groundwater basin. These projects could also be used for blending storm flows with surplus recycled water during winter months. The Noble Creek site may also be used to recharge various additional supplies that may be available from the BCVWD's recharge project. The City has projected that this project will capture and recharge approximately 500 AFY of storm water that may also be used to blend with surplus recycled water.

The BCVWD in August 2006 adopted the 2005 update to the BCVWD's "Urban Water Management Plan" (UWMP) which provides a complete detail of the BCVWD water resource plan and explains where and how the BCVWD plans to serve development in the BCVWD's Sphere of Influence through 2030.

### **Project Identified in UWMP**

The proposed Beaumont Distribution Center Project is not specifically mentioned in the BCVWD 2005 UWMP, although the 2005 UWMP does project future increases in population, number of water services, and water demand through year 2030. BCVWD is currently updating its projection of probable demand, for the current BCVWD 2010 UWMP Update.

According to the BCVWD 2005 UWMP 2010 potable water demands for BCVWD were projected to be 15,876 AF for 2010 and projected to increase to 23,424 by 2030. Total water usage was projected to be 22,286 AF in year 2010 to 30,452 AF in year 2030. Actual total water use for 2010 and 2011 was 11,040 AFY and 11,031 AFY, respectively.

### **Future Water Supply**

With the new water fee for purchase of additional SWP entitlement, the creation of a Water Master to manage the basin and the development of a conjunctive use program, and the development of recycled water supply from the City of Beaumont and YVWD, the BCVWD will have the sufficient water supply to serve this Applicant with potable and recycled water. It should be noted that the majority of the proposed Beaumont Distribution Center Project's estimated water demand (6.664 AF per year of the 8.884 AF per year demand) is related to non-potable water supply which will be available from the City of Beaumont and/or YVWD.

**TABLE VIII-1  
PAST AND PROJECTED WATER SUPPLIES BY SOURCE**

<b>Year</b>	<b>2005</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>
<b><i>Potable and Non-potable Water Demands</i></b>							
Population	30,994	43,116	46,314	50,815	56,772	63,584	71,475
Per capita (reflects reduction by 2020)	268	231	273	242	242	242	242
Total Water Demand, MG/d	8	10	13	12	14	15	17
Total Water Demand AFY	9,306	11,163	14,165	13,777	15,392	17,239	19,378
Non-potable Water Demand for landscape connections not incl Golf Courses, AFY	1,038	1,700	2,089	2,413	2,747	3,110	3,511
<b>Net Potable Water Demand, AFY</b>	<b>8,268</b>	<b>9,450</b>	<b>12,076</b>	<b>11,364</b>	<b>12,645</b>	<b>14,129</b>	<b>15,868</b>
<b><i>Non Potable Water Supply, AFY</i></b>							
Recycled Water from City of Beaumont	-	-	-	1,495	1,890	2,335	2,835
Recycled Water from YVWD	-	-	2,000	2,000	2,000	3,000	3,000
Introduction of Nitrate-contaminated Groundwater into Recycled Water System Planned Project	-	-	-	1,000	1,000	1,000	1,000
Total Recycled and Other Non-potable Water to Use	-	-	2,000	4,495	4,890	6,335	6,835
Recycled Water Avail to GCs or Recharge	(1,038)	(1,822)	(89)	2,082	2,143	3,225	3,324
Potable Water Makeup to Recycled System	1,038	1,822	89	-	-	-	-
Total Potable Water Demand	9,306	11,163	12,165	11,364	12,645	14,129	15,868
California Oak Valley GC Water Demand	742	742	742	742	742	742	742
East Valley Golf Course Water Demand	1,225	1,225	1,225	1,225	1,225	1,225	1,225
Recycled Water Delivered to Golf Courses	-	-	-	1,967	1,967	1,967	1,967
Recycled Water Recharged	-	-	-	115	176	1,258	1,357
<b><i>Potable Water Supply, AFY</i></b>							
Edgar Canyon	2,400	2,400	2,400	1,600	1,600	1,600	1,600
Beaumont Basin Appropriator Rights	6,802	6,802	-	-	-	-	-
Reallocation of Unused Overlier Rights	2,225	2,250	2,245	2,075	1,895	1,720	1,470
Transfer of Pumping Right from SMWC	-	1,500	-	-	-	-	-
Direct Delivery of Potable Water to Overliers	35	450	450	575	700	800	870

**TABLE VIII-1 (Continued)**  
**PAST AND PROJECTED WATER SUPPLIES BY SOURCE**

<b>Year</b>	<b>2005</b>	<b>2010</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>
Direct Delivery of Recycled Water to Overliers Exchanged for Potable Water to Developments (Sunny Cal Egg Ranch Development)	-	-	-	30	60	90	120
Direct Delivery of Recycled Water to Overlier Golf Courses Exchanged for Potable Water	-	-	-	1,967	1,967	1,967	1,967
<b>Local Water Resource Projects</b>							
Singleton Basin Well	-	-	500	500	500	500	500
Stormwater Capture and Diversion Project	-	-	-	2,000	2,000	2,000	2,000
Existing Urban Runoff Recharge in Eighth St, Cherry Ave. and Starlight Basins	-	200	420	450	500	540	540
Planned Urban Runoff Capture and Recharge Projects	-	-	-	500	1,210	1,650	2,080
Imported Water from SGPWA	-	5,800	3,040	3,040	3,040	3,040	3,040
Recycled Water Recharged to Beaumont Basin	-	-	-	115	176	1,258	1,357
<b>Subtotal Potable Water Supply</b>	<b>11,462</b>	<b>19,402</b>	<b>9,055</b>	<b>12,852</b>	<b>13,648</b>	<b>15,165</b>	<b>15,544</b>
<b>Groundwater to/from Storage in Beaumont Basin</b>	<b>2,156</b>	<b>8,239</b>	<b>(3,110)</b>	<b>1,488</b>	<b>1,003</b>	<b>1,036</b>	<b>(323)</b>
<b>Groundwater in Storage Beaumont Basin, AF</b>		<b>20,000</b>	<b>32,822</b>	<b>28,768</b>	<b>34,996</b>	<b>40,095</b>	<b>41,878</b>

BCVWD's Past and Projected Water Supply by Source (AFY) set forth above relies on development and implementation of all of the water resource projects set forth above. Any project that is not implemented will require additional imported water to be acquired through the SGPWA.

### **Normal and Dry-Year Supply**

Under normal conditions, BCVWD meets customer water demands with a combination of imported water purchased from SGPWA and local potable groundwater. BCVWD is working to securing recycled water sources from the City of Beaumont and YVWD and anticipates one or both of those sources will be available for use within the next few years.

For potential dry-year conditions, BCVWD has developed action plans to be implemented in response to water supply shortages, including the Water Shortage Contingency Plan (WSCP) set forth in BCVWD's 2005 UWMP.

The WSCP will guide BCVWD in advising and enforcing conservation during times of water shortage. The BCVWD WSCP limits water demand during times of shortage in multiple stages. These stages can be triggered when there is water deficiency caused by limitations on supply. The Plan shall be implemented in case of a long or short term water deficiency, or in case of an emergency water shortage.

The message to the public under each stage for each category of water consumer is outlined in the BCVWD's UWMP and WSCP. BCVWD's 2005 UWMP is available from BCVWD's website: [www.bcvwd.org](http://www.bcvwd.org).

It is anticipated that the majority of water for future development will be supplied by BCVWD's water storage account in the Beaumont Groundwater Basin during single dry years.

### **Future Programs**

To supplement water supplies, BCVWD has identified storm water capture and recharge projects that would supplement imported supplies as described herein. These projects will be implemented to help offset the demand of existing water and free up resources for new development.

BCVWD and the City of Beaumont have also implement landscape irrigation reduction policies for new development to reduce the landscape irrigation demands for new developments.

## **IX. WATER SUPPLY ENTITLEMENTS, WATER RIGHTS, OR SERVICE CONTRACTS**

### **Law**

10910. (d) (1) The assessment required by this section shall include an identification of any existing water supply entitlements, water rights, or water service contracts relevant to the identified water supply for the proposed project, and a description of the quantities of water received in prior years by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), under the existing water supply entitlements, water rights, or water service contracts.

(2) An identification of existing water supply entitlements, water rights, or water service contracts held by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), shall be demonstrated by providing information related to all of the following:

- (A) Written contracts or other proof of entitlement to an identified water supply.
- (B) Copies of a capital outlay program for financing the delivery of a water supply that has been adopted by the public water system.
- (C) Federal, state, and local permits for construction of necessary infrastructure associated with delivering the water supply.
- (D) Any necessary regulatory approvals that are required in order to be able to convey or deliver the water supply.

### **Groundwater**

#### **Beaumont Groundwater Basin (Adjudicated 2004)**

The Beaumont Basin was adjudicated in February 2004, in Superior Court, Riverside County Case RIC 389197, San Timoteo Watershed Management Authority vs. City of Banning et al. The Judgment established the Beaumont Basin Watermaster (Watermaster) to administer the judgment. It established the rights of the Overlying Parties and the Appropriator Parties, e.g., the BCVWD. Some of the essential elements of the Judgment are as follows:

- The Safe Yield of the Basin was established at 8,650 AFY. This was to be re-evaluated every 10 years. § I 3.X and § VI 5.Y
- A controlled overdraft of the basin is allowed to create more usable storage capacity in the Basin. In the Judgment this is termed “Temporary Surplus.” This has been established at 160,000 AF. The controlled overdraft continues until 10 years after the date of the judgment; after 10 years it shall cease. § I 3.BB and Exhibit C, Column (5).
- The Overlying Parties can extract, in total, a maximum of 8,650 AFY. The Overlying Producers and their rights are shown in column (4) of Exhibit B. If an Overlying Party pumps more than five times its share of the operating safe yield (as shown in column (4) of Exhibit B) in any five consecutive years, the overlying producer shall provide Watermaster with sufficient funds to replace the overproduction. Exhibit B, Column (4) and § II 1.A
- During the first ten years after adoption of the Judgment (until 2014), the Appropriator Parties can extract, in total, a maximum of 16,000 AFY. There after the Appropriating Parties can extract only the amount each has in storage or otherwise credited to the Appropriator Party. If,

after the first 10 years, an Appropriator Party pumps more than each has in storage or otherwise credited, the Appropriator producer shall provide Watermaster with sufficient funds to replace the overproduction. Watermaster uses a similar 5-consecutive year period for accounting as described above for the Overlying Parties. BCVWD is an Appropriator Party. BCVWD has a 42.51% share of the temporary surplus for the first 10 years (until 2014) and can extract up to 6,802 AFY without the need to replenish. There after BCVWD can only extract what it has in storage or otherwise credited to BCVWD by Watermaster. §V 4 and Exhibit C, Column (5)

- An Overlying Party can request water service from an Appropriator Party. For example, an Overlying Party subdivides its property and requests an Appropriator, such as BCVWD, to supply the new subdivision with water. When this happens, the Overlying Party is precluded from extracting that volume of water provided by the Appropriating Party and the Appropriating Party shall have the right to produce the water foregone by the Overlying Party. §III 3
- If an Appropriating Party serves recycled water to an Overlying Party, the Overlying Party's water right is not diminished, but the Appropriator Party shall have the right to use that portion of the Overlying Water Right offset by the recycled water. In other words, serving recycled water to an Overlying Party allows the Appropriator to pump the equivalent amount of groundwater. §III 3 E.
- There is a provision which requires the BCVWD to set aside 2,400 AFY of projected water demand in the 2005 Urban Water Management Plan update specifically for Oak Valley Partners, LP. For the 2010 update, the Judgment states this figure should be revised to reflect the projected water demands Oak Valley Partners, LP has an overlying pumping right per column (4) of Exhibit B equal to 1,806 AFY.
- If any Overlying Party produces less than 5 times the share of the safe yield assigned to the Overlying Party during any 5 year period (per Column (4) of Exhibit B), the unused portion shall be apportioned to the Appropriator Parties per Column (2) of Exhibit C: BCVWD 42.51%, Yucaipa Valley Water District 13.58%, South Mesa Water Company 12.48%, and the City of Banning 31.43%. The availability and allocation of any such groundwater not produced by the overlying parties in accordance with their rights under the Judgment shall be first determined in fiscal year 2008/09 and every year thereafter according to a schedule. (Watermaster Rules and Regulations §7.8.)
- Any Appropriator may transfer all or any portion of its Appropriator's Production Right or Operating Yield that is surplus to its needs to another Appropriator. (Watermaster Rules and Regulations §7.3.)
- The Watermaster has the authority to enter into Groundwater Storage Agreements with producers for the storage of supplemental water, wellhead protection and recharge, well abandonment, well construction, monitoring, replenishment, mitigation of overdraft, and collection of assessments. §VI.5.
- Supplemental replenishment water can be recycled water, State Project Water, or other imported water. Replenishment can be accomplished by spreading and percolation, injection, or in-lieu use of surface water or imported water. §VI 7.
- A minimum 200,000 AF of groundwater storage capacity shall be reserved for conjunctive use. Any person, party or not a party to the judgment, can make reasonable beneficial use of the groundwater storage capacity for storage of supplemental water provided that it is in accordance with a storage agreement with Watermaster. §I.3.S and §V.5.B
- Minimal producers (10 or less AFY) are exempt. §III.4. and §I.3.K



- An Appropriator's pumping right consists of the Appropriator's share of the Operating Yield, plus (1) any water acquired by the Appropriator from an Overlying Producer or other Appropriator, (2) any water withdrawn from the Appropriator's storage account, (3) any new yield created by the Appropriator. The operating yield is defined as the maximum quantity of water which can be produced annually by the Appropriators which consists of Appropriative Water plus Temporary Surplus. Appropriative Water is the amount of Safe Yield remaining after satisfaction of the Overlying Water Rights. §I.3.B, C. and M

The Stipulated Judgment is contained in Appendix B.

### **Implementation of the Adjudication**

The Adjudication requires Watermaster to allocate unused Overlying Party pumping rights and oversee the reassignment of overlying party pumping allocation to Appropriator Parties when the Appropriator Party provides potable or non-potable (recycled) water service to developments on the Overlying Party's lands. This is in addition to accounting for water in storage etc. per the Adjudication and the Watermaster Rules and Regulations.

### **Allocation of Unused Overlying Party Rights and Reassignment of Pumping Allocations**

The Beaumont Basin Watermaster Rules and Regulations §7.8, requires Watermaster to allocate 42.51% of the unused Overlying Party pumping rights to BCVWD.

### **Imported Water**

BCVWD is within the San Geronio Pass Water Agency (SGPWA or Agency), one of the 29 state water contractors who import water from Northern California through the State Water Project, East Branch Extension (EBX). The SGPWA has a maximum current Table A amount of 17,300 AFY. Phase 1 of The EBX was completed in 2003 which provided capacity to 8,650 AFY, or one-half of the Agency's Table A amount.

BCVWD takes water from a turnout at the current end of the EBX at Orchard Ave. and Noble Creek in Cherry Valley. Imported water is delivered to this turnout through the Department of Water Resources (DWR's) Cherry Valley Pump Station located at the west end of Orchard St., west of Taylor Dr.

BCVWD began to take imported water deliveries from the SGPWA in September 2006 and is recharging the imported water at BCVWD's at the Phase I groundwater recharge facilities. Recharge of imported water has occurred almost continuously since September 2006. As of November 30, 2011, 33,839 AF of water have been recharged to BCVWD's account. A summary of the imported water recharged to the Beaumont Basin for BCVWD is presented in Table VIII-1.

Work on Phase 2 of EBX (EBXII) is underway which will bring the capacity up to "full Table A." The Environmental Impact Report was certified in 2008. Project construction is underway. The EBXII expansion project consists of six miles of large diameter pipeline, the new 560AF Citrus Reservoir, the 135 cfs Citrus Pump Station and installation of an additional pump at the Cherry Valley Pump Station bringing its capacity to 52 cfs. Project completion is expected to be in 2015.

Table VIII-I  
Imported Water Recharged for BCVWD's Account

<b>FY</b>	<b>Imported SPW, AF</b>
2006	3,498
2007	4,274
2008	2,654
2009	4,362
2010	5,788
2011	8,316
2012 (as of Nov 30)	6,991
<b>Total</b>	<b>33,839</b>

- ***Recharge Facility Capacity***

Water from BCVWD's EBX turnout is metered by DWR and then enters a ,3500-ft long, 24-in diameter pipeline which conveys the water to the recharge site. The pipeline was constructed by BCVWD in 2006. The 24-in pipeline was designed for 30 cubic feet per second (cfs). If operated continuously, the pipeline could convey 21,700 AFY. This is a little more than the entire Pass Agency Table A amount (17,600 AFY) and over 2.5 times what BCVWD purchased from the Pass Agency in 2011. To convey the Pass Agency's Table A amount of water, the pipeline would need to operate for 296 days per year or about 81% of the time. At some point, in the future a second pipeline to the recharge facility may need to construct to provide greater recharge capacity.

Geoscience Inc. has prepared a number of reports on the operation of the recharge project since recharge began in September 2006. The last report is dated February, 2010. Based on their initial studies, the weighted average recharge rate is 10.3 AF/wetted acre/day. This is a very high rate. There are a total of 10.2 wetted acres in the BCVWD Phase 1 (Westerly portion) Recharge and Recreation facility. Based upon these rates, the existing recharge facility would be able to percolate over 100 AF/day. Theoretically this is would be over 36,000 AF per year (about twice the Pass Agency's Table A amount.) The 36,000 AF per year however has to be reduced because of the need to "rest" and "restore" the basins and perform routine maintenance. BCVWD has 3 trains (2.7 acres, 4.2 acres, and 3.32 acres (wetted) respectively for trains 1, 2, and 3). Assuming only 2 trains are operating at any one time, the capacity is 25,200 AFY – again much more than the Pass Agency's Table A amount. BCVWD estimates the Phase I Facilities recharge capacity as somewhere between 20,000 and 25,000 AFY.

- ***Expansion of the Recharge Facility***

The design of Phase 2 of the recharge facility is completed and construction will commence in 2013. Construction of Phase 2 will double the recharge capacity to about 40,000 AFY or more and provide opportunities for storm water recharge.

- ***Allocation of SGPWA Imported Water***

The water retailers within the SGPWA have tentatively agreed on a method to allocate amongst themselves, the amount of imported water available from the SGPWA. This is done to facilitate water

supply planning and provide a “number” which can be used in the retailer’s UWMPs. The retailers have agreed to allocate on the basis of their respective “spheres of influence” within the SGPWA boundary. BCVWD’s “share” on this basis is 27.4% or 4,742 AFY – assuming a full 17,300 AFY delivery to SGPWA. (This is about 87% of the average that BCVWD has recharged since 2006.) The draft agreement includes provisions for allocation of imported water on an annual basis that is not needed by any of the retailers or if there is any surplus water available during wet years. It is important to understand that this has not been finalized.

- ***Article 21 Water***

In addition to Table A water, State Water Contractors can receive “Article 21 Water”. Article 21 Water refers to the section in each of the “contracts” that makes available surplus water on short notice. This water is available because it is water not needed to meet contractual or water quality requirements in the Delta. Contractors must take this water immediately and the water is over and above the Contractor’s Table A commitment. The 2011 Draft Reliability Report indicated that up to 20,000 AFY of Article 21 water will be available 74% of the time. There is a 7% chance of receiving 100,000 to 200,000 AFY and a 5% chance of receiving 200,000 to 300,000 AFY of Article 21 Water. How much of this Article 21 water would actually be available to the Pass Water Agency is unknown since the amount available to each contractor is a function of their Table A amount and the number of contractors interested in Article 21 water. If the two largest contractors (Metropolitan Water District of Southern California and Kern County Water Agency) “sign on,” the amount proportioned to the other contractors will be small. It is possible, however, during wet years the Pass Agency may be able to obtain 3,000 to 8,000 AF of Article 21 Water.

- ***Additional Imported Water Supply***

BCVWD recognizes that the SGPWA Table A amount may not be adequate in the future and considers taking the following actions:

- Purchase additional Table A water through the SGPWA from other State Water Contractors or non-State Water Contractors and have that water delivered to the BCVWD through the EBX recognizing there may be “wheeling charges.”
- Purchase Turnback Pool water through the SGPWA when available for delivery
- Purchase Article 21 Water through the SGPWA when available for delivery

BCVWD has initiated a “new water purchase” fee on an Equivalent Dwelling Unit (EDU) basis as part of the “impact fees” which are charged for new development. This has been collected prior to the year 2000.

The construction and expansion of the groundwater recharge facility provides the opportunity to take advantage of Article 21 water, which is typically available only on very short notice. This will allow BCVWD to “bank” water for later use.

## **Surface Water**

- **Urban Runoff and Groundwater Recharge**

As the area overlying the Beaumont Groundwater Basin develops additional impervious areas will be created in the form of rooftops, driveways, streets and sidewalks. These impervious areas will increase the amount of runoff from that which has historically occurred over the undeveloped land. STWMA prepared a report entitled “Urban Water Management Strategy” which delineated several projects to capture and recharge stormwater. Estimates were made of new stormwater recharge in excess of that which is already accounted for in the Adjudication.

The study was based on 50 years of precipitation record (1949-50 through 1998-99). A model was developed using daily data for precipitation and runoff and is described in detail in the “Urban Water Management Strategy Report.

Said study indicates that 1,760 AFY of new captured stormwater can be recharged within existing and planned storm water capture and recharge facilities. The study additionally identifies that the recharge of stormwater could possibly be increased to 2,960 AFY by constructing additional recharge facilities south of I-10 along San Timoteo Canyon Road. The study further identifies that a portion of this urban runoff would be considered “new” water.

The first three projects (Eighth St., Cherry Ave. and Starlight Basins) listed in the study exist, though only the Eighth St. and Cherry Ave. Basins currently receive significant runoff. Because the stormwater capture will be increasing over time as development occurs and these listed projects are implemented, BCVWD’s 2010 UWMP projections will show gradual increases over the 20-year planning period.

- **Surface Water Sources**

Although the BCVWD has pre-1914 rights to the waters of Little San Geronio Creek (Edgar Canyon) as described previously, the BCVWD does not divert these waters for direct use. To the extent possible the water is percolated into the ground for recharge. Currently significant recharge is occurring in ponds constructed by the BCVWD in the Upper and Middle Edgar Canyon. BCVWD’s Phase II Stormwater Capture and Recharge Project will provide additional opportunity for BCVWD to transfer water from Edgar Canyon to the Beaumont Basin during significant storm events. BCVWD is currently preparing construction documents to transfer water from Little San Geronio Creek (Edgar Canyon) and Noble Creek to the Phase II Recharge Facilities. Regardless, the water will be percolated first in the existing ponds in Edgar Canyon the secondarily during floods in BCVWD’s Phase II Recharge Facilities located in the Beaumont Basin.

## **Recycled Water**

BCVWD is currently working on securing recycled water supplies from both the City of Beaumont and Yucaipa Valley Water District. The use of recycled water for the parks, golf courses, and other open space areas will “free-up” available potable water, which is presently being used for irrigation.

The City of Beaumont recycled water supply available for possible distribution is currently estimated to be about 0.91 million gallons per day (1,019 AFY) of the 2.8 million gallons per day of wastewater currently produced by the City of Beaumont. The remaining 1.8 million gallons per day is required to be discharged for habitat mitigation within San Timoteo Creek. The City of Beaumont’s ultimate development recycled water source of supply is projected to be approximately 8.2 million gallons (10

MGD total) per day (9,185 AFY). The City of Beaumont estimates that the average annual wastewater collected per EDU is 0.19 gpm/EDU (0.31 AFY/EDU.) This statistic indicates, when compared to the BCVWD's current actual average deliveries of water to individual EDU on 10,000 square foot lots or less (0.61 AFY/EDU) indicate that 50% of the water delivered to an EDU may be available in the future to be recycled under the BCVWD's recycled water use plan.

BCVWD estimates YVWD currently will have as much as 2,000 AFY of recycled water available for distribution as soon as 2015. YVWD has constructed advanced wastewater treatment facilities and can provide TDS levels as required to meet the Beaumont Groundwater Basin TDS level objectives with or without blending with other low TDS non-potable water sources.

## **X. GROUNDWATER –BASIN DESCRITPION, PWS PUMPING, AND SUFFICIENCY ANALYSIS**

### **Law**

10910. (f) If a water supply for a proposed project includes groundwater, the following additional information shall be included in the water supply assessment:

- (1) A review of any information contained in the urban water management plan relevant to the identified water supply for the proposed project.
- (2) A description of any groundwater basin or basins from which the proposed project will be supplied. For those basins for which a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), has the legal right to pump under the order or decree. For basins that have not been adjudicated, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current bulletin of the department that characterizes the condition of the groundwater basin, and a detailed description by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), of the efforts being undertaken in the basin or basins to eliminate the long-term overdraft condition.
- (3) A detailed description and analysis of the amount and location of groundwater pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), for the past five years from any groundwater basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.
- (4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the public water system, or the city or county if either is required to comply with this part pursuant to subdivision (b), from any basin from which the proposed project will be supplied. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.
- (5) An analysis of the sufficiency of the groundwater from the basin or basins from which the proposed project will be supplied to meet the projected water demand associated with the proposed project. A water supply assessment shall not be required to include the information required by this paragraph if the public water system determines, as part of the review required by paragraph (1), that the sufficiency of groundwater necessary to meet the initial and projected water demand associated with the project was addressed in the description and analysis required by paragraph (4) of subdivision (b) of Section 10631.

## **Groundwater Basin Description**

- **Little San Gorgonio Creek (Edgar Canyon)**

Groundwater in Edgar Canyon primarily occurs in the younger and older alluvial valleys and within the rock fractures beneath the alluvium associated with the extensive faulting in the area. Numerous faults cross the canyon generally in a southeast-northwest direction. These act as barriers to groundwater movement and subdivide the canyon into several sub basins. The groundwater aquifer is limited and storage is small. Groundwater levels vary from just few feet below ground surface to about 200 feet below ground surface. The groundwater levels and groundwater production respond quickly to stream flow. During wet years considerably more water can be pumped than during dry years.

BCVWD has two active surface water diversions in Edgar Canyon. These are on file with the State of California Division of Water Rights.

- Diversion Number S014351 located in the SE1/4 of NE1/4 of Section 2, T2S, R1W, SB&M and first used in 1907
- Diversion Number S014352 located in the NW1/4 of SE1/4 or Section 22, T2S, R1W, SB&M and first used in 1894

BCVWD has operated numerous percolation ponds in the canyon. Surface flows in Little San Gorgonio Creek are diverted into the percolation ponds which then recharge the shallow aquifers. BCVWD has been doing this since the late 1800s as noted above and has a pre-1914 water right to divert up to 3,000 miners inch hours (MIH) or approximately 43,440 AFY for diversion of water for domestic and irrigation uses. However, BCVWD has never had a demand that requires such large quantities of water supply; and the watersheds may not be capable of supplying such quantities during an average year.

BCVWD currently maintains 40 to 50 ponds in Upper Edgar Canyon to capture and recharge winter runoff in Little San Gorgonio Creek to supplement the groundwater in the canyon and minimize the amount of water the BCVWD extracts from the Beaumont Basin. These ponds have contributed to the productivity of the Edgar Canyon Wells since early in the Twentieth Century. On an average annual basis, the Wells have shown increased production in the canyon of approximately 800 AFY based on the average of 1957-1980 compared to 1983- 2010; however the BCVWD estimates that approximately 2,600 AFY is captured and percolated in the Upper Edgar Canyon ponds. This estimate is based on historic pumping records and evaluation of the corresponding weather conditions.

The quality of the groundwater in Edgar Canyon is excellent. The total dissolved solids are in the lower 200 mg/L range; nitrate levels are low, except at the mouth of Edgar Canyon, since development around the well fields is limited. At the mouth of Edgar Canyon, USGS has reported that a monitoring well 2S/1W-22G4 had a nitrate-N concentration of 11.3 mg/L. This exceeds the drinking water MCL of 10 mg/L. Well 2S/1W-22G4 is a shallow monitoring well that is perforated from 138 to 158 below ground surface. USGS states that this well is likely affected by “an anthropogenic source of nitrogen that may include agricultural activity or septic tank seepage.” BCVWD believes a significant amount of this nitrate contaminated water can be captured through an extraction barrier and introduced into the non-potable water system for landscape irrigation. This would put this water to beneficial use and reduce the contamination flowing into the Beaumont Basin. The nitrates in the water would be used by the landscaping materials. This is discussed in more detail later in this section.

- **Beaumont Basin (Beaumont Storage Unit)**

The Beaumont Groundwater Basin, or Beaumont Storage Unit (BSU) as it is also known, is one of the largest storage units in the San Gorgonio Pass area with at least 1.1 million AF of water in storage and

about 200,000 to 400,000 AF of unused groundwater storage capacity. With the recent information developed by BCVWD which shows the aquifer extending an additional 500 ft below that previously known, STMWA estimated the amount of water in the Beaumont Basin could be as much as 2.4 million AF based on usable groundwater extending down to 1500 ft below ground surface. This is 500 ft deeper than previously assumed and is based on recent Wells drilled by BCVWD.

The boundaries of the BSU are defined on all sides by postulated faults including the Banning and Cherry Valley Faults to the north and unnamed faults to the south, east, and west. The BSU is approximately 27 sq. mi. oriented in a northwest-southeast direction. The Cherry Valley Fault is the dividing line between the BSU and the Singleton storage unit.

Groundwater within the BSU primarily occurs in the older alluvium and the San Timoteo Formation. Groundwater elevations in the BSU range from approximately 160 ft below ground surface (bgs) to 600 ft bgs.

It should be noted that the BSU has been drawn down from the steady state groundwater elevations computed in the Bloyd (1971) report. The Bloyd report shows that the groundwater elevation is approximately 100 feet below steady-state (pre-development) conditions. According to STMWA, progressive drawdown of water levels in the Beaumont Basin occurred from the 1920s to about 1980. Since then groundwater levels have stabilized. Current levels in the basin are about 75 to 120 ft below the 1920 levels and about 10 to 40 ft below the 1980 level.

Groundwater flow in the BSU generally follows the ground surface topography. However, there is a groundwater divide that roughly follows Cherry Avenue, a major north-south arterial on the east side of Beaumont. To the west of Cherry Avenue, groundwater flows southwest and west toward San Timoteo Canyon; to the east of Cherry Avenue, groundwater flows southeast and east toward Banning.

In the western portion of the Beaumont Basin, the groundwater elevations intersect the surface elevations. The groundwater becomes surface water in springs and seeps along the tributary drainages to San Timoteo Wash.

During the field investigation work related to the BCVWD's Recharge and Recreation Facility Project, (described subsequently), multiple aquifers systems were identified by Geoscience Support Services Inc. (Geoscience). They designated the aquifer systems beneath the recharge site as:

- Perched -- 300 to 400 ft bgs
- Shallow -- 478 to 485 ft bgs
- Intermediate -- 600 to 1000 ft bgs
- Deep --below 1000 ft bgs

Prior to drilling the production well at the recharge site, the base of useable groundwater water in the Beaumont Basin was thought to be 1,000 ft. This the primary production zone of most of the municipal Wells in the BSU. As part of the pilot recharge project, a well was drilled to 1,500 ft bgs and test pumped at 3,000 gpm. The water quality from this well is excellent, with total dissolved solids concentrations in the low 200 mg/L range. During the aquifer testing, water from the deep aquifer was analyzed and found to be chemically quite different from that of the intermediate aquifer. That well became BCVWD Well No. 23 and was put into service in late summer 2004. Geoscience indicated that there were several other Wells that were drilled to that depth and tapped into that deeper aquifer. In 2005, BCVWD drilled Well No. 24 into the deep aquifer and it too was test pumped at 3000 gpm. Since that time BCVWD also drilled Well No. 25 to 1,500-ft depth. The finding of this deep aquifer greatly extends the amount of usable groundwater in the BSU.

## **Groundwater Production**



- *Edgar Canyon*

Table X-1 presents the 5-year production from the Wells in Edgar Canyon for the years 2007 – 2011. From 1957 to 2010, a period of 53 years, the average production from the Edgar Canyon Wells was 1,944 AFY. However, prior to 1983, the ability to utilize the water pumped from Edgar Canyon was limited. In 1983, the BCVWD installed the Edgar Canyon Transmission Main which enabled larger quantities of water to be conveyed from the Edgar Canyon to Cherry Valley and Beaumont. Since 1983 to 2010, a period of 27 years, the average amount pumped was 2,263 AFY. This is far more indicative of Edgar Canyon’s ability to produce water.

Table X-1  
Groundwater Extractions from Edgar Canyon Wells (2007 – 2011)

Year	Total Production AF
2007	2,365
2008	2,108
2009	1,783
2010	1,867
2011	2,158
5-year average	2,056

For the period 1983 to 2010 statistical information on the Edgar Canyon production is presented in Table X-2:

Table X-2  
Groundwater Extraction Statistics from Edgar Canyon Wells (1983 -2010)

Parameter	Annual Production AF
Average	2,263
Maximum	3,738
Minimum	1,117
90 <sup>th</sup> Percentile	3,295
10 <sup>th</sup> percentile	1,272

In Table X-2, the term “10<sup>th</sup> Percentile” means that 90 percent of the time the production was greater than the value shown. In other words, there would be only one year in ten that the production would be less than 1,272 AFY.

The San Timoteo Watershed Management Authority (STWMA) estimated the safe yield from Edgar Canyon to be 2,600 AFY. This amount is consistent with the average amount of extractions shown in Table X-2 from Edgar Canyon for the period 1983 – present.

A water budget analysis in a report prepared for the SGPWA indicated the yield from Edgar Canyon was between 2,000 and 2,800 AFY. Based on the 20-year period 1988-2008 when water levels were reported rising in Edgar Canyon and pumping averaged 2,900 AFY suggests that the yield of Edgar Canyon may be in the range of 2,300 to 2,800 AFY. This is consistent with the BCVWD's data and that of STWMA.

For purposes of the BCVWD's 2010 UWMP Update and this Water Supply Assessment, a value of 2,400 AFY is being used as the average annual yield from Edgar Canyon.

- *Beaumont Groundwater Basin*

Table X-3 presents the BCVWD's groundwater extractions in the BSU.

Table X-3  
BCVWD's Groundwater Extractions from Beaumont Basin Wells (2006 – 2010)

Year	Total Production AF	Sold to Banning AF	Net BCVWD Extractions AF
2007	11,329	530	10,799
2008	12,199	751	11,448
2009	10,981	485	10,496
2010	9,156	148	9,008
2011	9,571	0	9,156
5-year average	10,647		10,181

### **State of the Basins**

- Edgar Canyon

BCVWD will continue to manage Edgar Canyon Basin in accordance with historic practices. BCVWD anticipates the annual safe yield will be as stated previously and will be approximately 2,400 AF per year.

- Beaumont Groundwater Basin

The Beaumont Groundwater Basin is subject to the Beaumont Basin Watermaster. The Beaumont Basin Watermaster will limit the amount of water being extracted from the Basin to a sustainable yield and implement continued recharge of the groundwater using imported water and available "new" storm water capture programs.

Continuing to develop and implement comprehensive water resources management programs to protect, optimize, and enhance the use of all available resources is a goal of BCVWD.

## **XI. PRIMARY ISSUE FOR ASSESSMENT-CONCLUSION**

The total new water demand required by the Applicant will be approximately 13.71 EDUs.

1. The BCVWD has been identified as the public water purveyor for the Beaumont Distribution Center Project.
2. The Beaumont Distribution Center Project is not specifically identified in the 2005 BCVWD UWMP; however, increases in population, number of water services, and water demand in the area through year 2035 have been projected based upon current projects under construction and approved for construction and local agency population projections. Based upon the projected population, the increased water demand is planned to be met through additional imported water, continued development of local stormwater capture and recharge projects, and continued development of recycled water use agreements with the City of Beaumont and YVWD.
3. The estimated ultimate net increase in average day water demand for the Project is 8.884 AF. This increase in demand is within the limit of growth within the potable water demand projected by BCVWD, and represents approximately 0.08 percent of the total current water demand growth within the B as a whole.
4. BCVWD will have a reliable source of water to serve the Beaumont Distribution Project needs through 2030 during normal, historic single-dry and historic multiple-dry years within a 20-year projection. However, said reliable source of water is contingent upon increasing imported water supplies from the SGPWA and securing recycled water supplies from the City of Beaumont and YVWD.
5. Depending on other development projects within the BCVWD, build out projections, current demand management measures, and the mandatory water use reduction by 2020, resulting water demands should remain within BCVWD's current projections.
6. BCVWD is currently not in a water shortage and therefore is not implementing the Water Shortage Contingency Plan (WSCP) set forth in the 2005 UWMP.

Upon evaluation of the estimated water demands of the Beaumont Distribution Center Project, and the information presented in the Water Supply Assessment and UWMP, water supply for project will be dependent on imported water via the San Geronio Pass Water Agency and new non-potable water resources available from the City of Beaumont and/or YVWD. These sources should be sufficient for the proposed development.

This assessment is not a commitment of BCVWD to serve the Beaumont Distribution Center Project, or a commitment of BCVWD to provide adequate supplies. Rather, it is a review of BCVWD supplies as it relates to the BCVWD's ability to serve increased water demands within the BCVWD service area. This is based on the present information available and future circumstances could affect BCVWD's water supply capabilities. This assessment is conditioned on BCVWD's ability to continue to supply imported water to meet the needs of local area development projects.

## References

Beaumont-Cherry Valley Water District 2005 Urban Water Management Plan  
Beaumont-Cherry Valley Water District 1994 Water System Master Plan Update  
Superior Court of the State of California in and for the County of Riverside (RIC 389197) (2004 Stipulated Judgment)