Summary Annual Budgets: Lake Elsinore & Canyon Lake TMDL Task Force

Summary Annual Budgets: Lake Elsinore & Canyon Lake TM	DL Task Fo	orce													7/30/2	
Summary Task Force Expenditures	Approved Budget FY 06 & 07	Actual Expenditures FY 06 & 07	Approved Budget 2007-08	Actual Expenditures 2007-08	Approved Budget 2008-09	Actual Expenditures 2008-09	Approved Budget 2009-10	Actual Expenditures 2009-10	Approved Budget 2010-11	Actual Expenditures 2010-11	Approved Budget 2011-12	Actual Expenditures 2011-12	Approved Budget 2012-13	to date Expenditures 2012-13	Approved Budget 2013-14	to date Expenditures 2013-14
A. Task Force Administration																
LESJWA Staff	98,800.00	88,316.34	65,800.00	76,051.00	85,000.00	94,059.32	85,000.00	127,046.84	85,000.00	108,491.46	100,000.00	111,188.49	50,000.00	50,000.00	50,000.00	
Annual Water Quality Reporting and Database Management	40,000.00	25,000.00	15,000.00	23,916.66	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00						
Grant Preparation B. TMDL Compliance Expert (Risk Sciences)	ļ	9,790.54			20,000.00											
B. IMDL Compliance Expert (Risk Sciences)	85,000.00	34,841.04	85,000.00	52,906.10	82,880.00	29,130.93	85,000.00	32,171.68	85,000.00	83,566.99	50,000.00	43,800.03	50,000.00	49,088.88	50,000.00	
c. TMDL Monitoring Program Phase 1 - Watershed Nutrient Monitoring	ļ															
Phase 1 - Watershed Lab Analysis	20,000,00		00,000,00		50,000.00	37,261.00	60,000.00	59,722.49	157,000.00	58,153.51	70,000.00	47,652.40	70,000.00	42,258.30	70,000.00	
Phase 1 - Canyon Lake Nutrient Monitoring and Lab Analysis	32,300.00	-	32,300.00	404 070 00	140 540 00	110 001 05	400,000,00	454 404 00	100 000 00	0.000.05	405 000 00	450,000,00	15,000.00	-	15,000.00	
D. TMDL Implementation Plan Requirements		-	121,100.00	121,078.00	148,549.00	110,021.25	160,000.00	154,124.26	160,000.00	3,228.95	135,000.00	150,000.00	<u>]</u>			
Watershed and Canyon Lake and Lake Elsinore In-Lake Modeling Plan	40.000.00		-	Task Force Admin								L. L.	J			
Update Water Quality Models	40,000.00		-	Task Force Admin			100,000.00	99,999.82	60,000.00			Č	<u>5</u>			
Pollutant Trading Options Plan	60,000.00	-		Task Force Admin			100,000.00	55,555.02	60,000.00				}			
Pollutant Trading Options Plan Pollutant Trading Implementation Plan	00,000.00			Task Force Admin			80,000.00		80,000.00		50.000.00		60,000.00			
Water Quality Modeling Implementation Plan Additional Canyon Lake In-Lake Treatment Modeling		-	-		40,000.00		40,000.00		00,000.00		50,005.00	L. C.	5			ł
Additional Canvon Lake In-Lake Treatment Modeling		-	-		10,000.00	10,000.00	10,000.00									
Canyon lake Management Plan / Project Alternatives Review and Revision of Water Quality Objectives (DO Target Adjustment)	·····								100,000.00	84,322.00	103,000.00	42,000.00	2			
Review and Revision of Water Quality Objectives (DO Target Adjustment)	t in the second s									01/022.00		F			50,000.00	1
TMDL Implementation Projects	1			İ								3	~			
Canyon Lake Project Alternative (Hybrid Treatment Project)	1											Ц Z	220,000.00	38,872.71	330,000.00	
Additional Studies & Models	t metal the second s															
Canyon Lake Pathogen Monitoring **					30,000.00	29,999.90	50 000 00									<u> </u>
Monitoring Study - Local Dry-weather Runoff Flows and Water Quality	-	-	40,000.00		30,000.00	29,999.90	50,000.00									
Lake Elsinore Biological Monitoring & Bathymetric Analysis	-		40,000.00				92,200.00	74,647,39	100,000.00							<u> </u>
G. Contingency (approximately 10% of direct stakeholder expenses)	44,400.00	-	87,500.00		48,143.00		67,500.00	74,047.39	13,500.00				16,000.00		15,000.00	
		Statement of the second se	and the second sec	070 054 70	The state of the s		the second second	500 540 40	and the second	050 700 04			Low concernation of the second	100 010 00		
TOTAL TMDL Implementation Expenditures: Open Task Orders:	400,500.00	157,947.92	446,700.00	273,951.76	529,572.00	325,472.40	742,500.00	562,712.48	855,500.00	352,762.91 -	508,000.00	394,640.92	481,000.00	180,219.89	580,000.00	-
Stakeholder Cash Contributions:		400,500.00		446,700.00		451,335.00		433,093.16	1	447,176.80		379,290.00		141,611.00		-
Balance TMDL Implementation Budget:		242,552.08		172,748.24		125,862.60	75-	(129,619.32)		94,413.88		(15,350.92)		(38,608.89)		0.00
Previous Year Reserve Carryover:		-na-		242,552.08		415,300.32		541,162.92		411,543.60		505,957.48		289,279.02		250,670.13
Cummulative Carryover:	h. -	242,552.08		415,300.32	2	541,162.92		411,543.60		505,957.48		490,606.56	-	250,670.13	•	250,670.13
ouninalativo ourijotori												States it as a state of the state	- Incoming the series of a pro-			
Detailed Stakeholder Contributions***	Approved Budget	Actual Contributions	Approved Budget	Actual Contributions	Approved Budget	Actual Contributions	Approved Budget	Actual Contributions	Approved Budget	Actual Contributions	Approved Budget	Actual Contributions	Approved Budget	to date	Approved Budget	to date Contributions
Botanea Statenolaer Sontribations								Contributions	2010-11	Contributions	Duuget					
	FY 06 & 07	FY 06 & 07	2007-08	2007-08	2008-09	2008-09	2009-10	2009-10	2010-11	2010-11	2011-12	2011-12	2012-13	Contributions 2012-13	2013-14	2013-14
Stakeholder Allocation	FY 06 & 07		2007-08				2009-10	2009-10	2010-11	2010-11						
A. MS4 Co-Permittees (Total)	86,400.00		2007-08				2009-10 230,919.89	2009-10 230,920.36	221,588.40	2010-11 221,588.40					2013-14	
A. MS4 Co-Permittees (Total) Riverside County		FY 06 & 07		2007-08	2008-09	2008-09					2011-12	2011-12	2012-13	2012-13	2013-14	2013-14
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont	86,400.00	FY 06 & 07 86,400.00	141,011.00	2007-08	2008-09 173,312.70	2008-09 173,314.00	230,919.89	230,920.36	221,588.40	221,588.40	2011-12 183,139.00	2011-12 183,139.00	2012-13 63,970.92	2012-13 63,972.00	2013-14 354,359.36	2013-14
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake	86,400.00 28,591.14	FY 06 & 07 86,400.00 28,591.14	141,011.00 46,663.00	2007-08 141,011.00 46,663.00	2008-09 173,312.70 57,351.94	2008-09 173,314.00 57,352.00	230,919.89 76,415.08	230,920.36 76,415.00	221,588.40 39,829.77	221,588.40 39,829.77	2011-12 183,139.00 32,919.00	2011-12 183,139.00 32,919.00	2012-13 63,970.92 -na-	2012-13 63,972.00 -na-	2013-14 354,359.36 33,900.64	2013-14
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet	86,400.00 28,591.14 1,474.09	FY 06 & 07 86,400.00 28,591.14 1,474.09	141,011.00 46,663.00 2,406.00	2007-08 141,011.00 46,663.00 2,406.00	2008-09 173,312.70 57,351.94 2,956.93	2008-09 173,314.00 57,352.00 2,957.00	230,919.89 76,415.08 3,939.79	230,920.36 76,415.00 3,940.00	221,588.40 39,829.77 4,719.53	221,588.40 39,829.77 4,719.53	2011-12 183,139.00 32,919.00 3,900.00	2011-12 183,139.00 32,919.00 3,900.00	2012-13 63,970.92 -na- 1,864.55	2012-13 63,972.00 -na- 1,865.00	2013-14 354,359.36 33,900.64 19,706.00	2013-14
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore	86,400.00 28,591.14 1,474.09 1,829.75	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75	141,011.00 46,663.00 2,406.00 2,986.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35	2008-09 173,314.00 57,352.00 2,957.00 3,670.00	230,919.89 76,415.08 3,939.79 4,890.34	230,920.36 76,415.00 3,940.00 4,890.00	221,588.40 39,829.77 4,719.53 4,109.46	221,588.40 39,829.77 4,719.53 4,109.46	2011-12 183,139.00 32,919.00 3,900.00 3,396.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00	2012-13 63,970.92 -na- 1,864.55 643.66	2012-13 63,972.00 -na- 1,865.00 644.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44	2013-14
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00	2013-14
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 E	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na-	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na-	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00	2013-14
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Perris	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00	2013-14
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Perris City of Riverside	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 5,751.56	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na-	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00	2013-14
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Perris	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 5,751.56	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00	2013-14
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Riverside	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00	230,919,89 76,415,08 3,939,79 4,890,34 29,722,51 10,322,05 67,468,89 2,672,68 19,985,31 2,758,88	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00	2013-14
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Jake Elsinore City of Moreno Valley City of Perris City of Riverside City of San Jacinto City of Wildomar	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00	230,919,89 76,415,08 3,939,79 4,890,34 29,722,51 10,322,05 67,468,89 2,672,68 19,985,31 2,758,88	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00	2011-12	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28	2013-14
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Jake Elsinore City of Moreno Valley City of Perris City of Riverside City of San Jacinto City of Wildomar	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00	230,919,89 76,415,08 3,939,79 4,890,34 29,722,51 10,322,05 67,468,89 2,672,68 19,985,31 2,758,88	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28	2013-14 cr \$ 33,671.00
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Lake Elsinore City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Riverside City of Riverside City of San Jacinto City of Menifee City of Wildomar E.	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 12,204.00 1,685.00 7,782.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00	2011-12	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28	2013-14 cr \$ 33,671.00
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Canyon Lake City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Riverside City of Riverside City of San Jacinto City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) c. Lake Elsinore Comprehensive Water Management Agreement (Total)	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 4,768.38 12,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 11,685.00 7,782.00 7,782.00 144,712.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00	2011-12	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28	2013-14 cr \$ 33,671.00
MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Perris City of Riverside City of San Jacinto City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD)	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 4,768.38 12,000.00 6,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 16,303.00 12,204.00 1,682.00 7,782.00 7,782.00 14,712.00 14,712.00 7,356.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70 13,656.35	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 9,565.00 2,7,312.00 13,656.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 114,919.89 57,459.94	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20	2011-12 183,139.00 32,919.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00	2011-12 183,139.00 3,2919.00 3,390.00 3,396.00 22,696.00 12,063.00 52,520.00 52,520.00 16,580.00 2,965.00 2,965.00 2,965.00 3,859.00 2,0,458.00 3,859.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na-	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00 4,461.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00	2013-14 cr \$ 33,671.00
MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Lake Elsinore City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Perris City of Riverside City of San Jacinto City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 4,768.38 12,000.00 6,000.00 6,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00	141,011.00 46,663.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 16,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70 13,656.35 13,656.35	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 2,7,312.00 13,656.00 13,656.00 13,656.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 114,919.89 57,459.94	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93	2011-12 183,139.00 32,919.00 3,390.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00	2011-12	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- -na- -na- -na-	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 1,575.00 1,575.00 23,649.00 4,315.00 23,649.00 4,461.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na-	2013-14 cr \$ 33,671.00
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Lake Elsinore City of Jake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Perris City of Riverside City of Riverside City of San Jacinto City of Menifee City of Wildomar B. Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore D. San Jacinto Agricultural Operators	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 1,632.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 1,632.00 1,632.00 7,782.00 14,712.00 7,356.00 7,356.00 7,356.00 205,010.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70 13,656.35 13,656.35 237,312.70	2008-09 173,314.00 57,352.00 2,957.00 3,670.00 22,308.00 7,747.00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 27,312.00 13,656.00 13,656.00 159,075.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 294,919.89	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20	2011-12 183,139,00 32,919,00 3,396,00 22,696,00 12,063,00 52,520,00 650,00 16,580,00 2,965,00 11,133,00 20,458,00 3,859,00 122,140,00 61,070,00 61,070,00 143,320,00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00 24,011.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- -na- -na- -na- -na- -na- -na- -na- -na- 15,425.27 -na- -na- -na- -na- 28,278.01	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00 4,461.00 -na- -na- -na- -na- 28,278.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na- 12,500.00	2013-14 cr \$ 33,671.00
MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Lake Elsinore City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Murrieta City of Perris City of Riverside City of Riverside City of San Jacinto City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore San Jacinto Agricultural Operators San Jacinto Dairy & CAFO Operators	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 33,900.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 33,900.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 1,632.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 7,356.00 205,010.00 35,967.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70 13,656.35 13,656.35 237,312.70 41,633.81	2008-09 173,314.00 57,352.00 2,957,00 3,670.00 22,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 2,071.00 13,656.00 13,656.00 13,656.00 13,656.00 159,075.00 41,634.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 114,919.89 57,459.94 57,459.94 294,919.89 37,252.80	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20	2011-12 183,139,00 32,919,00 3,390,00 22,696,00 12,063,00 52,520,00 650,00 16,580,00 2,965,00 11,133,00 20,458,00 3,859,00 122,140,00 61,070,00 61,070,00 143,320,00 10,000,00	2011-12 183,139.00 32,919.00 3,390.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 16,580.00 2,965.00 2,965.00 11,133.00 20,458.00 61,070.00 61,070.00 61,070.00 61,070.00 24,011.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- 28,278.01 10,211.35	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 1,575.00 1,575.00 23,649.00 4,315.00 23,649.00 4,461.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na- 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00	2013-14 cr \$ 33,671.00
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Moreno Valley City of Perris City of Perris City of Riverside City of Riverside City of Riverside City of San Jacinto City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore San Jacinto Agricultural Operators San Jacinto Dairy & CAFO Operators CALTRANS - freeway	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 33,900.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 33,900.00 15,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 1,632.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00	2008-09 173,314.00 57,352.00 2,957,00 3,670.00 22,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 13,656.00 13,656.00 13,656.00 13,656.00 159,075.00 41,634.00 10,000.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 -	2011-12 183,139,00 32,919,00 3,390,00 22,696,00 12,063,00 52,520,00 650,00 16,580,00 2,965,00 11,133,00 20,458,00 3,859,00 122,140,00 61,070,00 61,070,00 143,320,00 10,000,00 10,000,00	2011-12 183,139.00 32,919.00 3,390.00 3,390.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 16,580.00 2,965.00 11,133.00 20,458.00 61,070.00 61,070.00 61,070.00 61,070.00 124,011.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- 28,278.01 10,211.35 13,050.00	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 1,575.00 4,315.00 23,649.00 4,461.00 -na- -na- -na- -na- 28,278.00 10,211.00 -	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na- 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00	2013-14 cr \$ 33,671.00
MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Lake Elsinore City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Perris City of Perris City of Riverside City of San Jacinto City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore San Jacinto Agricultural Operators San Jacinto Dairy & CAFO Operators CALTRANS - freeway GCA DF&G - San Jacinto Wetlands	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 15,000.00 15,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 15,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 1,632.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00	2007-08 141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 27,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00	2008-09 173,314.00 57,352.00 2,957,00 3,670.00 22,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071,00 9,565.00 13,656.00 13,656.00 13,656.00 13,656.00 13,656.00 159,075.00 41,634.00 10,000.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 114,919.89 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 75,294.20 25,000.00 10,000.00	2011-12 183,139,00 32,919,00 3,390,00 22,696,00 12,063,00 52,520,00 650,00 16,580,00 2,965,00 11,133,00 20,458,00 3,859,00 122,140,00 61,070,00 61,070,00 143,320,00 10,000,00 10,000,00 10,000,00	2011-12 183,139.00 32,919.00 3,390.00 3,390.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00 61,070.00 61,070.00 61,070.00 61,070.00 10,000.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- -na- 28,278.01 10,211.35 13,050.00	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00 4,461.00 -na- -na- -na- 28,278.00 10,211.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na- 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00	2013-14 cr \$ 33,671.00
 A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Murrieta City of Perris City of Riverside City of San Jacinto City of Wildomar B. Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore D. San Jacinto Dairy & CAFO Operators F. CALTRANS - freeway G. CA DF&G - San Jacinto Wetlands H. US Forest Service (USFS) 	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 15,000.00 15,000.00 -na-	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 15,000.00 -na-	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -Da-	2007-08 141,011.00 46,663.00 2,986.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na-	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 227,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00 -na-	2008-09 173,314.00 57,352.00 2,957,00 3,670.00 22,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 13,656.00 13,656.00 13,656.00 13,656.00 13,656.00 13,656.00 159,075.00 41,634.00 10,000.00 -na-	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00 -Da-	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 57,460.00 10,000.00 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00 -Da-	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 75,294.20 75,294.20 10,000.00 10,000.00	2011-12 183,139.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00 61,070.00 143,320.00 10,000.00 10,000.00 -na-	2011-12 183,139.00 32,919.00 3,390.00 3,390.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 2,965.00 2,965.00 11,133.00 20,458.00 61,070.00 61,070.00 61,070.00 61,070.00 10,000.00 -na-	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- -na- 28,278.01 10,211.35 13,050.00 -na-	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,5752.00 4,315.00 23,649.00 4,461.00 -na-	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na- 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00	2013-14 cr \$ 33.671.00
A. MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Moreno Valley City of Perris City of Perris City of Riverside City of San Jacinto City of San Jacinto City of Menifee City of Wildomar B. Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore D. San Jacinto Agricultural Operators E San Jacinto Dairy & CAFO Operators F. CALTRANS - freeway G. CA DF&G - San Jacinto Wetlands H. US Forest Service (USFS) L Eastern Municipal Water District	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 193,200.00 15,000.00 15,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 25,243.87 1,000.07 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 15,000.00 -na- 15,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00	2007-08 141,011.00 46,663.00 2,986.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 227,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00 -na- 10,000.00	2008-09 173,314.00 57,352.00 2,957,00 3,670.00 22,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 13,656.00 10,000.00 -na- 10,000.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00 -na- 10,000.00	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 57,460.00 0,57,460.00 10,000.00 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 22,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00 -na- 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 75,294.20 75,294.20 10,000.00 10,000.00	2011-12 183,139.00 32,919.00 3,390.00 22,696.00 12,063.00 12,063.00 12,063.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00 61,070.00 10,000.00 10,000.00 -na- 10,000.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 2,965.00 2,965.00 61,070.00 61,070.00 61,070.00 61,070.00 61,070.00 61,070.00 10,000.00 -na- 10,000.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 15,425.27 -na- 15,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- 28,278.01 10,211.35 13,050.00 -na- 13,050.00	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00 4,461.00 -na- -na- 	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 17,977.00 20,750.00 46,476.28 12,500.00 -na- 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00 12,500.00	2013-14 cr \$ 33.671.00
MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Canyon Lake City of Lake Elsinore City of Morreno Valley City of Murrieta City of Perris City of Perris City of Riverside City of Riverside City of Menifee City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore San Jacinto Agricultural Operators San Jacinto Dairy & CAFO Operators CALTRANS - freeway (CA DF&G - San Jacinto Wetlands US Forest Service (USFS) Laastern Municipal Water District March Air Reserve Base Joint Powers Authority	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 193,200.00 15,000.00 15,000.00 15,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.07 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 13,200.00 15,000.00 15,000.00 15,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 7,782.00 7,356.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00	2007-08 141,011.00 46,663.00 2,986.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00 10,000.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 237,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00 -na- 10,000.00	2008-09 173,314.00 57,352.00 2,957,00 2,2,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 13,656.00 10,000.00 -na-	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00 -na- 10,000.00	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 57,460.00 0,57,460.00 10,000.00 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00 -na- 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 75,294.20 25,000.00 10,000.00 -na-	2011-12 183,139.00 32,919.00 3,900.00 22,696.00 12,063.00 12,063.00 12,063.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00 61,070.00 10,000.00 10,000.00 -na- 10,000.00 10,000.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 2,965.00 2,965.00 11,133.00 2,0,458.00 61,070.00 61,070.00 61,070.00 61,070.00 61,070.00 10,000.00 -na- 10,000.00 10,000.00 10,000.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- -na- 28,278.01 10,211.35 13,050.00 -na- 13,050.00 13,050.00	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00 4,461.00 -na- - -na- - -na- - -na- - -na- - -na- - -na- - -na- - -na- - - - - - - - - - - - - -	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 12,500.00 46,476.28 12,500.00 -na- 12,500.00 12,50	2013-14 cr \$ 33.671.00 cr \$ 4,193.00 cr \$ 4,193.00
A MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Hemet City of Lake Elsinore City of Moreno Valley City of Moreno Valley City of Murrieta City of Perris City of Perris City of San Jacinto City of San Jacinto City of Menifee City of Wildomar B. Riverside County Flood Control & Water Conservation District (RCFC&WCD) C. Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore D. San Jacinto Agricultural Operators E San Jacinto Dairy & CAFO Operators F CALTRANS - freeway B. US Forest Service (USFS) L Eastern Municipal Water District J. March Air Reserve Base Joint Powers Authority K US Air Force (March Air Reserve Base)	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 15,000.00 15,000.00 15,000.00 15,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.07 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 13,200.00 15,000.00 15,000.00 15,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 10,000.00 10,000.00	2007-08 141,011.00 46,663.00 2,986.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,632.00 7,782.00 7,782.00 7,356.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00 10,0	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 237,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00 -na- 10,000.00 10,000.00	2008-09 173,314.00 57,352.00 2,957,00 2,2,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 13,656.00 10,000.00 -na- 10,000.00	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00 -Da- 10,000.00	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 57,460.00 0,57,460.00 10,000.00 10,000.00 10,000.00	221,588.40 39,629.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 22,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00 -na- 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 75,294.20 75,294.20 10,000.00 10,000.00 10,000.00	2011-12 183,139.00 32,919.00 3,900.00 22,696.00 12,063.00 12,063.00 12,063.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00 61,070.00 10,000.00 10,000.00 -na- 10,000.00 10,000.0	2011-12 183,139.00 32,919.00 3,390.00 3,390.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 2,965.00 2,965.00 61,070.00 61,0	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- 28,278.01 10,211.35 13,050.00 13,050.00 13,050.00	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,5752.00 4,315.00 23,649.00 4,461.00 -na- -na- -na- -na- -na- -na- -na- -na- 13,050.00 13,050.00 13,050.00	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 12,500.00 46,476.28 12,500.00 -na- 12,500.00 12,50	2013-14 cr \$ 33.671.00
MS4 Co-Permittees (Total) Riverside County City of Beaumont City of Canyon Lake City of Canyon Lake City of Lake Elsinore City of Morreno Valley City of Morreno Valley City of Murrieta City of Perris City of Perris City of Riverside City of Riverside City of Menifee City of Menifee City of Wildomar Riverside County Flood Control & Water Conservation District (RCFC&WCD) Lake Elsinore Comprehensive Water Management Agreement (Total) Elsinore Valley Municipal Water District (EVMWD) City of Lake Elsinore San Jacinto Agricultural Operators San Jacinto Dairy & CAFO Operators CALTRANS - freeway (CA DF&G - San Jacinto Wetlands US Forest Service (USFS) Laastern Municipal Water District March Air Reserve Base Joint Powers Authority	86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.00 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 193,200.00 193,200.00 15,000.00 15,000.00 15,000.00	FY 06 & 07 86,400.00 28,591.14 1,474.09 1,829.75 11,120.85 3,862.05 25,243.87 1,000.07 7,477.62 1,032.25 4,768.38 12,000.00 6,000.00 6,000.00 13,200.00 15,000.00 15,000.00 15,000.00	141,011.00 46,663.00 2,406.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 7,782.00 7,356.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00	2007-08 141,011.00 46,663.00 2,986.00 2,986.00 18,150.00 6,303.00 41,200.00 1,632.00 12,204.00 1,685.00 7,782.00 14,712.00 7,356.00 7,356.00 205,010.00 35,967.00 10,000.00 -na- 10,000.00 10,000.00	2008-09 173,312.70 57,351.94 2,956.93 3,670.35 22,307.68 7,747.03 50,637.54 2,005.93 14,999.61 2,070.63 9,565.05 237,312.70 13,656.35 13,656.35 237,312.70 41,633.81 10,000.00 -na- 10,000.00	2008-09 173,314.00 57,352.00 2,957,00 2,2,308.00 7,747,00 50,638.00 2,006.00 15,000.00 2,071.00 9,565.00 13,656.00 10,000.00 -na-	230,919.89 76,415.08 3,939.79 4,890.34 29,722.51 10,322.05 67,468.89 2,672.68 19,985.31 2,758.88 12,744.36 1114,919.89 57,459.94 57,459.94 57,459.94 294,919.89 37,252.80 10,000.00 -na- 10,000.00	230,920.36 76,415.00 3,940.00 4,890.00 29,723.00 10,322.00 67,469.00 2,673.00 19,985.00 2,759.00 12,744.36 114,920.00 57,460.00 57,460.00 57,460.00 57,460.00 0,57,460.00 10,000.00 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 300,588.40 37,969.20 10,000.00 -na- 10,000.00	221,588.40 39,829.77 4,719.53 4,109.46 27,460.77 14,595.08 63,546.31 786.96 20,060.94 3,587.28 13,470.59 24,752.77 4,668.93 150,588.40 75,294.20 75,294.20 75,294.20 75,294.20 10,000.00 10,000.00 -na-	2011-12 183,139.00 32,919.00 3,900.00 22,696.00 12,063.00 12,063.00 12,063.00 16,580.00 2,965.00 11,133.00 20,458.00 3,859.00 122,140.00 61,070.00 61,070.00 61,070.00 10,000.00 10,000.00 -na- 10,000.00 10,000.00	2011-12 183,139.00 32,919.00 3,900.00 3,396.00 22,696.00 12,063.00 52,520.00 650.00 16,580.00 2,965.00 2,965.00 2,965.00 11,133.00 2,0,458.00 61,070.00 61,070.00 61,070.00 61,070.00 61,070.00 10,000.00 -na- 10,000.00 10,000.00 10,000.00	2012-13 63,970.92 -na- 1,864.55 643.66 6,285.50 -na- 15,425.27 -na- 15,425.27 -na- 5,751.56 1,575.46 4,315.45 23,648.77 4,460.69 -na- -na- -na- 28,278.01 10,211.35 13,050.00 -na- 13,050.00 13,050.00	2012-13 63,972.00 -na- 1,865.00 644.00 6,286.00 -na- 15,425.00 -na- 5,752.00 1,575.00 4,315.00 23,649.00 4,461.00 -na- - -na- - -na- - -na- - -na- - -na- - -na- - -na- - -na- - - - - - - - - - - - - -	2013-14 354,359.36 33,900.64 19,706.00 18,774.44 20,750.00 20,750.00 109,525.00 12,500.00 20,750.00 12,500.00 46,476.28 12,500.00 -na- 12,500.00 12,50	2013-14 cr \$ 33.671.00

NOTES: ** Note: Pathogen monitoring for Canyon Lake is a voluntary response by participants of the Lake Elsinore and Canyon Lake TMDL Task Force to address water quality beyond the scope of the Lake Elsinore and Canyon Lake nutrient TMDLs. This program designed to monitor pathogen compliance for Canyon Lake will continue only until

the next CWA 303(d) Listing Cycle.

*** Note: Allocations reflect outside stakeholder funding

Paid Stakeholder Contribution Partially Paid Stakeholder Contribution

Unpaid Stakeholder Contribution

Revised Stakeholder Allocation Work NOT Conducted by Task Force

Open Task Order

7/30/2013

Detailed Outside Stakeholder Contributions	Approved Budget FY 06 & 07	Actual Expenditures FY 06 & 07	Approved Budget 2007-08	Actual Expenditures 2007-08	Approved Budget 2008-09	Actual Expenditures 2008-09	Approved Budget 2009-10	Actual Expenditures 2009-10	Approved Budget 2010-11	Actual Expenditures 2010-11	Approved Budget 2011-12	Actual Expenditures 2011-12	Approved Budget 2012-13	Actual Expenditures 2012-13	7/30/2 Approved Budget 2013-14	2013 Actual Expenditures 2013-14
Stakeholder Funding \$ Credits (estimated costs reflected in stakeholder allocation)																
A. MS4 Funding Credits (RCFC&WCD)	106,767.00	97,054.15	64,000.00	77,653.37	64,000.00	70,597.50	64,000.00	69,824.00	79,000.00	81,344.00	79,000.00	75,690.00				L
Phase 1 - Watershed-wide Monitoring (Lab Analysis)	10,767.00	1,054.15	-	13,653.37	-	6,597.50	-	5,824.00	15,000.00	17,344.00	15,000.00	11,690.00				
A. MS4 Funding Credits (RCFC&WCD) Phase 1 - Watershed-wide Monitoring (Lab Analysis) Phase 1 - Stream gauge O&M Wet Year Watershed-wide Monitoring (Weather Dependant) Lk Elsinore Comp Water Mgt Agrmt Funding Credits (EVMWD) Phase 1 - Lake Elsinore Nutrient Monitoring (MWH/CSUSB) In-Lake Sediment Reduction Plan (MWH/Horne)	96,000.00	96,000.00	64,000.00	64,000.00	64,000.00	64,000.00	64,000.00	64,000.00	64,000.00	64,000.00	64,000.00	64,000.00				
Wet Year Watershed-wide Monitoring (Weather Dependant)	-	-	-	-	-	-	-	-	- 1	-	-	-				
B. Lk Elsinore Comp Water Mgt Agrmt Funding Credits (EVMWD)	181,175.00	129,216.12	190,300.00	167,028.48	210,000.00	262,111.63	180,000.00	149,390.89	150,000.00	97,376.65	140,000.00	85,992.59				
Phase 1 - Lake Elsinore Nutrient Monitoring (MWH/CSUSB)	144,375.00	112,212.77	148,600.00	148,578.00	168,300.00	150,488.17	180,000.00	149,390.89	150,000.00	97,376.65	140,000.00	85,992.59				
In-Lake Sediment Reduction Plan (MWH/Horne)	-	17,003.35	-	18,450.48		111,623.46	-	-	-	-	-	-				
In-Lake Project Evaluation	19,900.00	-	20,000.00	-	20,000.00	-	-	-	- 1	-	-	-		[
In-Lake Sediment Reduction Plan	16,900.00	-	16,900.00	- [16,900.00	-	-	-	- 1	-	-	-				
Sediment Treatment Study	- 1	-	4,800.00	- [4,800.00	-	-	-	-	-	-	- 1		Ī		
Dairy/Agricultural Operator Funding Credits (WRCAC)	- 1	-	-	101,858.09	- 1	- 1	-	19,338.81	- 1	-	-	-			1	
Aerial Mapping/Identification of Agricultural Operations	-	-	-	79,361.39		-	-	19,338.81	- İ	-	-	- F	-		Î	1
C. Dairy/Agricultural Operator Funding Credits (WRCAC) Aerial Mapping/Identification of Agricultural Operations Upper Watershed Nutrient Monitoring (dairy/agriculture split 50/50) CA Fish & Game Credit Transfer	-	-	-	22,496.70	-	-	-	-	- Î	-	-	- 1		ſ	1	(
CA Fish & Game Credit Transfer	- 1	-	-	-		- 1	-	-	- 1	-	-	-		[(
Total Stakeholder Credits	287,942.00	226,270.27	254,300.00	346,539.94	274,000.00	332,709.13	244,000.00	238,553.70	229,000.00	178,720.65	219,000.00	161,682.59	-			
In-Kind Services Share (costs not reimbursed to stakeholder)	, <u> </u>		-	-	- [-	-	-	ļį	-	-	- (2	Į		
LE & CL Nutrient TMDL Monitoring Plan (LESJWA) TMDL Compliance Expert (RCFC&WCD)	-	34,624.00	-	-		-	-	-		-	-	- L	Ų			
a. TMDL Compliance Expert (RCFC&WCD)	25,000.00	25,000.00	-		- [-	-	-	-	-		- 6	2	ļ		.
2. Phase 2 - Stream Gauge O&M (RCFC&WCD) 5. S.B. Forest Natural Background Study (USFS)	154,000.00	-	77,000.00	-	77,000.00	-	77,000.00	-	77,000.00	-	77,000.00	- ([L
S.B. Forest Natural Background Study (USFS)	15,000.00	-	10,000.00	-	10,000.00	-	10,000.00	-	10,000.00	-	10,000.00					
. Pathogen Monitoring Funding (Regional Board)	-		-	-	10,000.00	-	-	-	-	-		- 0	2			<u> </u>
Total Stakeholder In-Kind Services	194,000.00	59,624.00	87,000.00	-	97,000.00	-	87,000.00		87,000.00		87,000.00	L.				
Grant Funding													Ú	ç		·····
Prop 50 Planning Grant (SJWRC)		85,400.00	18,000.00	18,000.00		-	-	-	ļ	-	-		۲ <u>ا</u>	ļ		.
Canyon Lake Nutrient TMDL Monitoring (2006-07) Canyon Lake Nutrient Flux and Oxygen Demand Study Canyon Lake Alternatives Modeling study Agriculture (UCR) Agricultural Management Study Prop 40 Implementation Grant (LESJWA)	-	41,708.00	-	-	- [-		-		-	-	-		Į		.
Canyon Lake Nutrient Flux and Oxygen Demand Study	-	43,692.00	-	-		-	-	-			-	-		Į		
Canyon Lake Alternatives Modeling study		-	18,000.00	18,000.00	- [-	-	-	-	-	-	-		ļ	<u> </u>	L
Agriculture (UCR) Agricultural Management Study	- 1	-	-	-	-	-	-	•	-	-	-	-				
p. Prop 40 Implementation Grant (LESJWA)		18,022.39	-	1,471,956.12	-	65,000.81	-	71,116.20	-	314,015.78	-	329,898.76				
Lake Elsinore - Back Basin Wetlands Enhancements	- 1	8,020.52	-	90,568.29	- [51,905.37	-	36,285.45	<u> </u>	17,511.86	-	329,898.76		L		
Lk Elsinore Comp Water Mgt (EVMWD) (Recharge Pipeline Project) Lake Elsinore - Biological Performance Monitoring	-	10,001.87	-	1,381,387.83	-	13,095.44	-	34,830.75	- [296,503.92	-	-		Į		.
	-	-	-	-	-	-	-	-	-	-	-	-				.
. Prop 84 Alum Application Grant (LESJWA)															250,000.00	
Total Grant Funding		103,422.39	18,000.00	1,489,956.12	- 1	65,000.81	-	71,116.20	- 1	314,015.78	-	329,898.76			250,000.00	

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NOTES:

Stakeholder Contributions estimated as follows:

PRO-RATA SHARE for stakeholders are derived from a formula where the the cost share to MS4 CO-PERMITTEES is 28.5%, Agricultural Operators is 28.5%, EVMWD is 14.25%, the CITY OF LAKE ELSINORE is 14.25% (plus an allocation under MS4), and Dairy is 5% of the TOTAL TMDL Implementation Expenditures minus the fixed cost shares of CALTRANS, CA DF&G, USFS, EMWD, US Air Force (March Air Reserve Base), and the March Air Reserve Base Joint Powers Authority MINUS any Stakeholder Funding \$ Credits provided by that stakeholder.



6 June 2013

Rick Whetsel Lake Elsinore - San Jacinto Watersheds Authority 11615 Sterling Ave. Riverside, CA 92503

RE: Proposed Scope-of-Work for LECL TMDL Task Force in 2013-14

Dear Mr. Whetsel:

Per your request, I have prepared the following preliminary scope of work and cost estimate to support the Lake Elsinore/Canyon Lake TMDL Task Force in FY2013-14. In the coming year, most of our effort will be devoted to three large tasks:

- 1) Obtain approval of the CNRP/AgNMP (extended from FY2012-13)
- 2) Negotiate the BMP implementation agreements for both Canyon Lake and Lake Elsinore (extended from FY2012-13)
- 3) Develop a water quality monitoring plan to demonstrate the effectiveness of all in-lake nutrient control projects (coordinated with CDM-Smith).

As in the past, my role will be to serve as regulatory strategist and compliance expert for the Task Force. To accomplish these ends, I will prepare for and participate in up to eight meetings of the Technical Advisory Committee (TAC) and/or Task Force to review and revised the various regulatory implementation strategies as necessary to assure compliance with the TMDL. A summary task schedule is shown in Table 1.

Task	Description	Due Date
1	Assist in obtaining Regional Board approval of the CNRP and AgNMP.	Oct., 2013
2	Prepare and revise cost allocation and credit sharing agreements to support development of BMP implementation projects.	Mar., 2014
3	Develop water quality monitoring plan to evaluate effectiveness of the in-lake nutrient control projects (e.g. aeration and alum).	Aug., 2013
4	Task Force & TAC Meetings (up to 8 trips)	To Be Scheduled

Table 1:	Task	Summary	for	2013-14
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I estimate that meeting the proposed schedule will require approximately 12 hours per month. My professional fee is \$285 per hour plus travel expenses. All other direct expenses (telecommunications, postage, photocopies, etc.) are already included in the fee. The total estimated cost, including travel, is shown in Table 2 and is approximately \$1,000 less than our current contract for FY2012-13.

Description	Amount
Professional Fees (144 hours)	\$41,040
Travel Expenses (8 trips * \$950/trip)*	\$7,600
Total	\$48,640

I dole H. I toposed compensation for more it.	Table 2:	Proposed	Compensation	for	2013-14
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*Trip expenses are routinely shared among multiple clients to minimize costs. The estimate is based on the historical average cost for previous travel on behalf of the LE/CL Task Force.

I appreciate the opportunity to continue supporting with the Lake Elsinore/Canyon Lake TMDL Task Force and look forward to working together next year.

Respectfully submitted,

Timothy F. Moore

Risk Sciences 125 New Dawn Rd. Rockvale, TN 37153

Phone: 615-274-2745 Fax: 615-370-5188 Email: tmoore@risk-sciences.com

Suggestions for additional studies

- Perform statistical analyses on water quality data generated for Lake Elsinore and Canyon Lake to evaluate how chlorophyll a levels and dissolved oxygen are related to TP and TN concentrations, lake level or other factors (requested by Hope Smythe).
- 2) Conduct scientific study to document the magnitude of offset credit that should be associated with fish stocking in Lake Elsinore, similar to the evidence that we have put together for the carp removal program to validate nutrient credits.
- 3) Conduct scientific study for Lake Elsinore to quantify a translator between supplemental water additions and equivalent nutrient reduction credits.
- 4) Submit revised comprehensive watershed and in-lake monitoring program by December 31, 2014 for implementation in fiscal year 2015-2016.
- 5) Review and revise the DO water quality target set for the TMDL.
- 6) Review and revise TMDL



Comprehensive Nutrient Reduction Plan

Jason Uhley

Chief of Watershed Protection

Riverside County Flood Control and Water Conservation District



Background Activity to Date Next Steps Questions



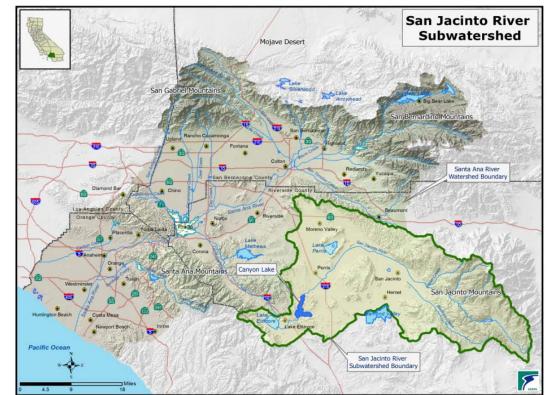
Background – Cause and Effect



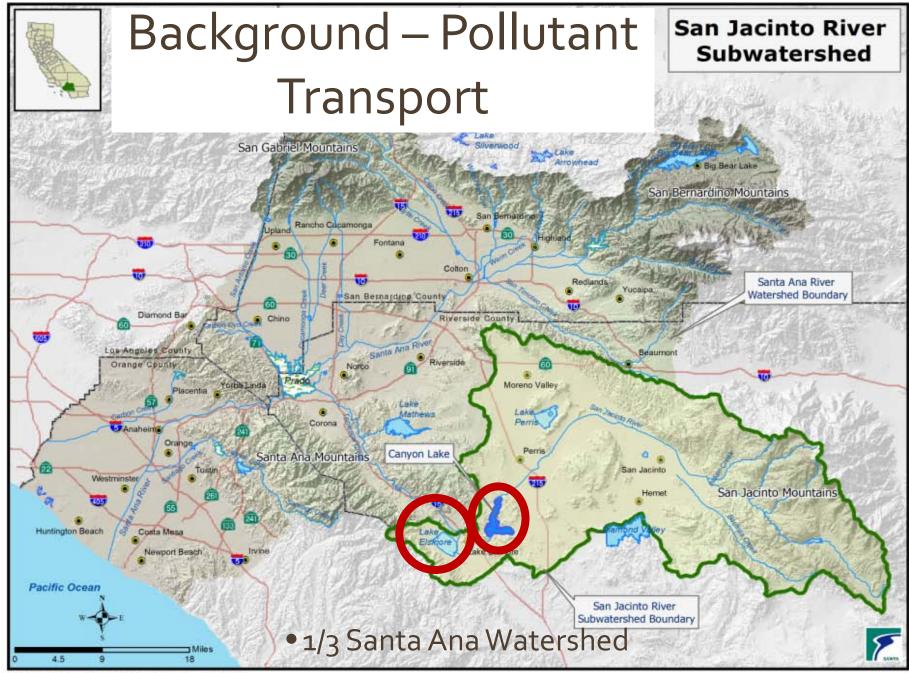
Background – Source

Common Nutrient Sources

- Excessive fertilizer use
- Improper yard waste disposal
- Pet waste
- Detergents
- Leaking septics
- Agriculture/Dairies
- Natural sources (wildlife, vegetation, atmosphere)



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VOLUME: The impediment to compliance The "BIG" Storm



January 1993 — 10"/10 days December 2010 — 7"/ 8 days

- Peak rainfall 3"/day
- Minimum 4,000 acres set aside within urban area for treatment
- Equivalent to a "NEW" Lake Elsinore
- Billion dollar solution + O&M
- Needed once every 20 years

Background- Naturally Achievable?

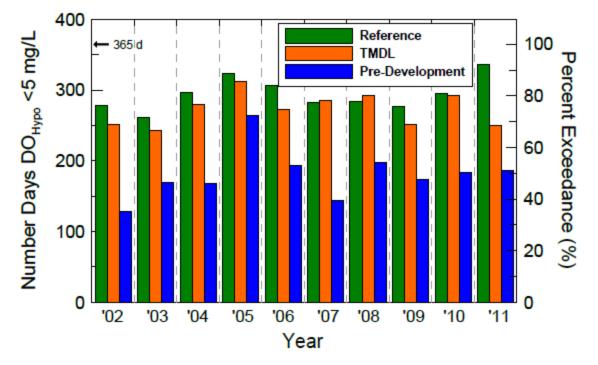


Fig. 8. Number of days each year when hypolimnetic DO concentrations were below the TMDL target of 5 mg/L under the reference (existing) condition, TMDL-prescribed reductions in external loading, and the pre-development scenario.

• Deep Main Body

Shallow East Bay

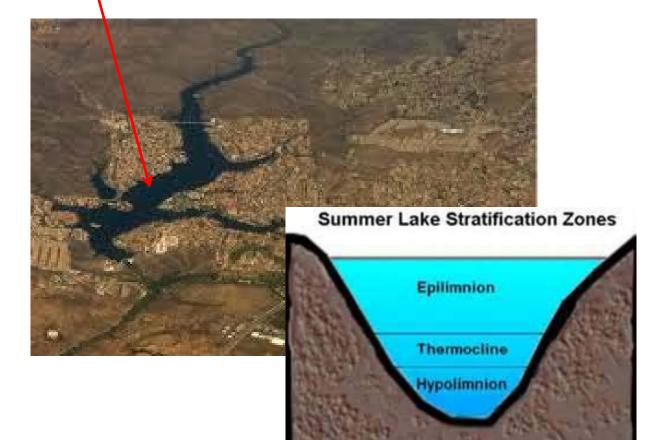


• Deep Main Body

Shallow East Bay

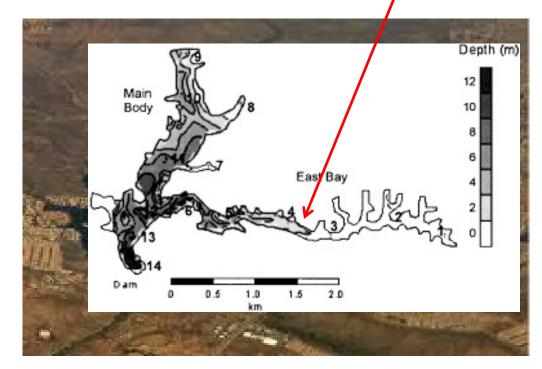


- Deep Main Body
 - Low Oxygen in deep water,
 - Sediment Nutrient Cycling
 - Algal Blooms



- Deep Main Body
 - Low Oxygen in deep water
 - Sediment Nutrient Cycling
 - Algal Blooms

Shallow East Bay
Good Oxygen
Algal Blooms



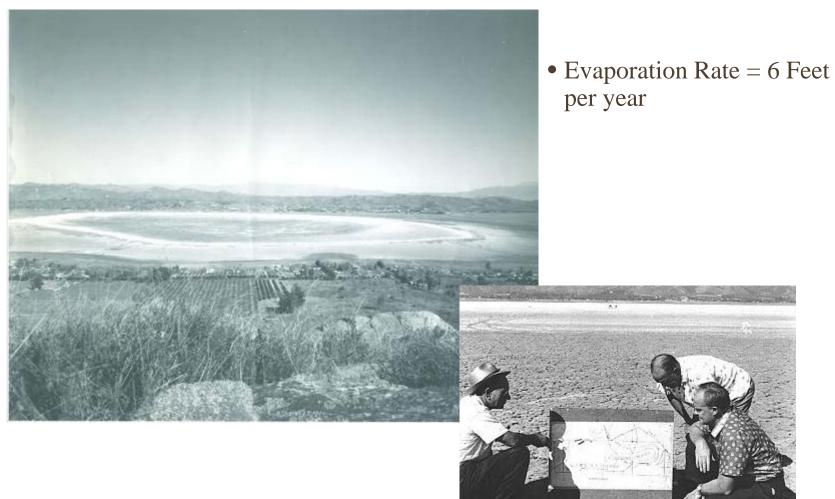
Lake Elsinore

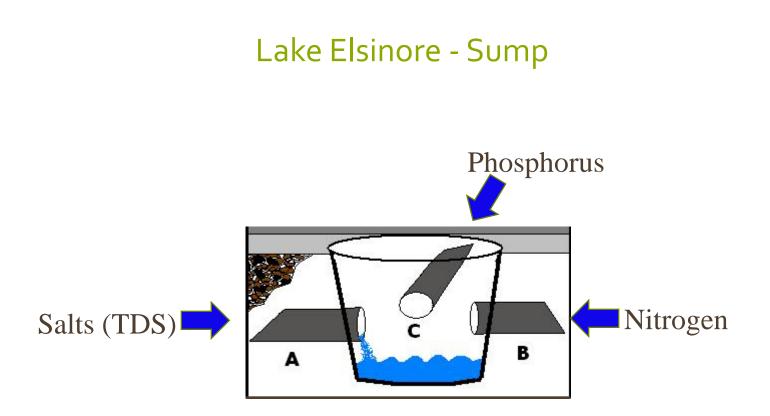




Canyon Lake Spillway

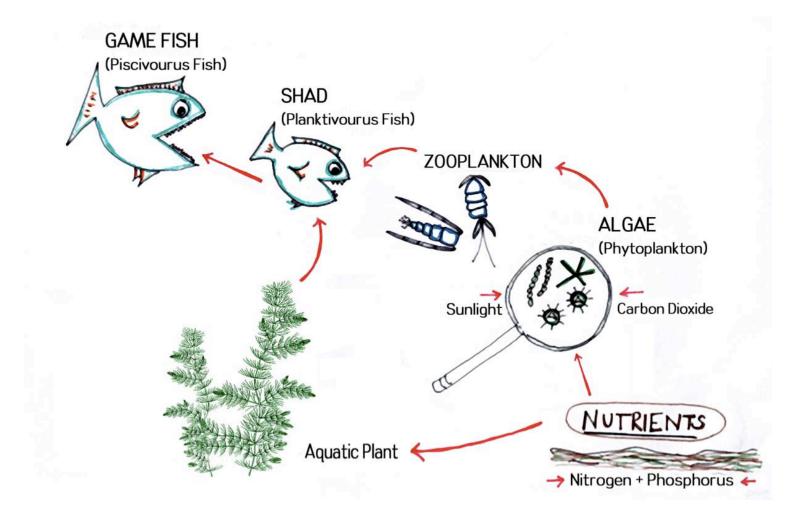
Lake Elsinore – Dry Lake Bed - 1950's, 1960's





Lake Elsinore Salts (TDS) WQO = 2,000 mg/l Canyon Lake Salts (TDS) WQO = 700 mg/l Lake Perris (TDS) WQO = 220 mg/l

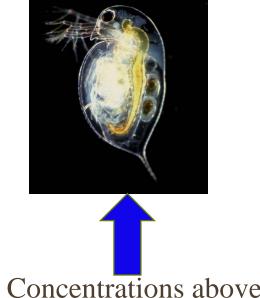
Lake Elsinore – Trophic Levels



Shad graze on daphnia



Daphnia are key to grazing algae

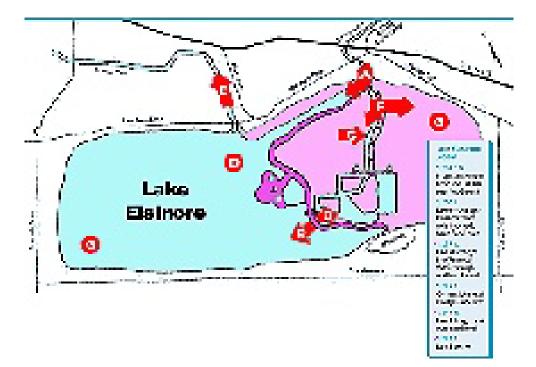


Salt Concentrations above 500 mg/l

Hence.... the problem



Lake Elsinore Management Plan Started 1988, Completed 1995



- Factoids
 - \$40 million
 - Reduced lake by 1/2 size
 - New Inlet Channel
 - New Lower Outlet Channel
- Goals
 - Reduce evaporation loss
 - Reduce flood damage
 - Improve Water Quality
 - Increase visitors
 - Increase recreation
 - Improve fishery

Fish kills continue to occur post Management Plan

Year	Description
1933	Fish kill and algal bloom in April reported by State Bureau of Sanitary Engineering
1940	Fish kill reported by State Bureau of Fish Conservation
1941	Fish kill reported by State Department of Fish and Game
1948	300-500 tons of carp died from Aug. 31-Sept. 2? -reported by State Department of Fish and
	Game
1950	"There are no fish in the Lake" -reported by Riverside County Health Department
1966	"An extensive die-off of fish" -reported by State Department of Fish and Game
1972	"During the last week of August, and continuing through September, tons of fish were buried
	or taken to the dump, mostly thread-fin shad' -reported by State Department of Fish and
	Game
1991	120 thousands tons of fish killed by algae - reported by The Press Enterprise
1992	12-15 tons fish kill on August 17 - reported by The Press Enterprise
1993	More than 100,000 tons of fish died - reported by Black & Veatch (1996)
1995	10 tons of fish killed, shad and bluegill in September - reported by The Press Enterprise
1996	small fish die-off in August - reported by The Press Enterprise
1997	7 tons of shad died of oxygen depletion in April - reported by The Press Enterprise
1998	200 tons fish kill - reported by The Press Enterprise
2002	100 tons of fish kill - reported by The Press Enterprise

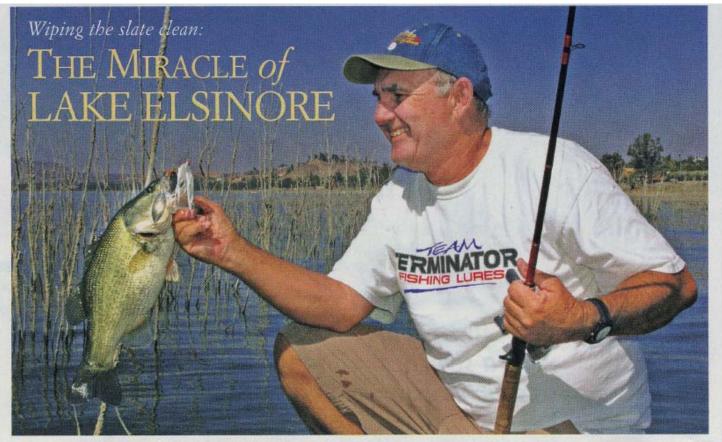
Table 3-1. Fish Kill Record in Lake Elsinore

Sources: EDAW Inc., 1974, Press Enterprise Reports, and LEMA, 1996

LESJWA 2000 - \$13,000,000 more



Western Outdoors Magazine (February 2009 Issue)



TO FIND THE 3200-ACRE NATURAL LAKE ELSINORE ON THE MAP AS A VIABLE FISHING DESTINATION MIGHT NOT QUALIFY AS A MIRACLE IN SOME EYES. IT COULD BE ARGUED IT'S MUCH MORE OF A SURPRISE, PROBABLY LIKE THE ONE THAT GREETED THE SPANISH MISSIONARIES OR EXPLORERS WHEN THEY CRESTED THE COASTAL MOUNTAINS EAST OF SAN JUAN CAPISTRANO ONLY TO FIND... WHATEVER THEY FOUND.

Federal Clean Water Act Regulatory Path

Path to Lake Restoration

2020 Beneficial Use Restoration

2013 TMDL Compliance Plans

2010-Current Waiver and Permit Updates

Lake Elsinore and Canyon Lake Nutrient TMDL (2004)

Lake Elsinore and Canyon Lake 303(d) Listed (1996)

2010 MS4 Permit Requirements

Preventative Programs

Stormwater Permits

Restorative Programs Total Maximum Daily Load

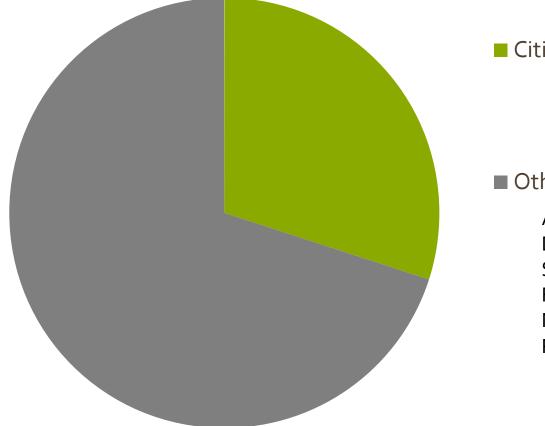
Comprehensive Nutrient Reduction Plan for Canyon Lake and Lake Elsinore

CNRP Goal - 2020



Comprehensive Nutrient Reduction Plan

Addresses Cities and County Nutrient Contribution



Cities and County

Other

Agriculture Dairy State Lands Federal Lands Natural Sources **Reclaimed Water**

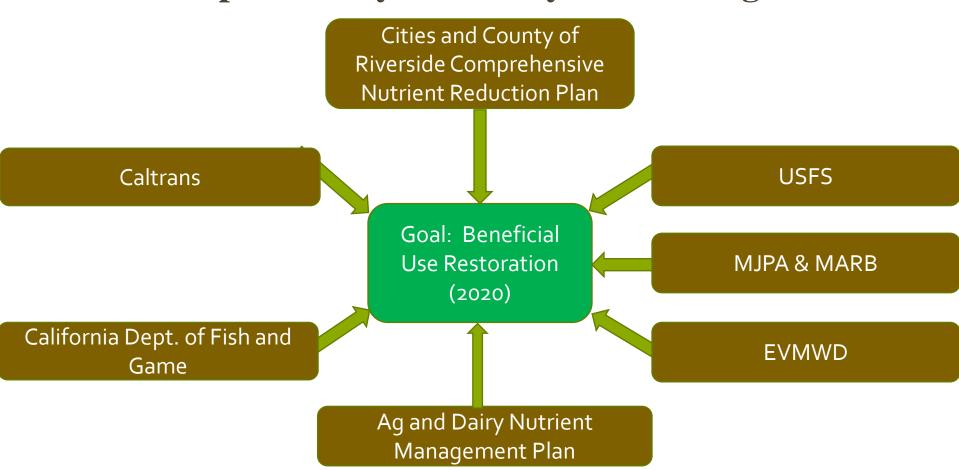
LE/CLTMDL Task Force

Perris

- March Air Reserve Base
- March JPA
- State of California
 - Santa Ana Regional Water Quality Control Board
 - **Department of Fish and Game** •
 - **Department of Transportation**
- **County of Riverside**
- **Riverside County Flood Control District**
- Cities
 - Beaumont Lake Elsinore
 - Canyon Lake Moreno Valley Riverside
 - Hemet Murrieta
 - Menifee Wildomar
- Water Agencies:
 - Eastern Municipal Water District
 - **Elsinore Valley Municipal Water District**
 - Lake Elsinore and San Jacinto Watersheds Authority
- Western Riverside County Agricultural Coalition
 - Dairy Operators (25+)
 - Agricultural Operators (Over 475)



Success depends on coordinated and complimentary actions by all dischargers



Activity To Date



Over \$3 million invested



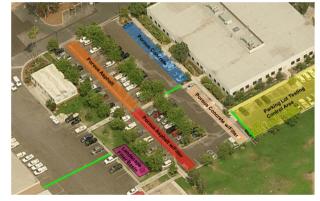




CNRP Proposal – Identify and Implement Feasible Watershed Based Controls



Illegal Discharge Investigations



Urban Retrofit Projects



New Development Controls



Education/Outreach

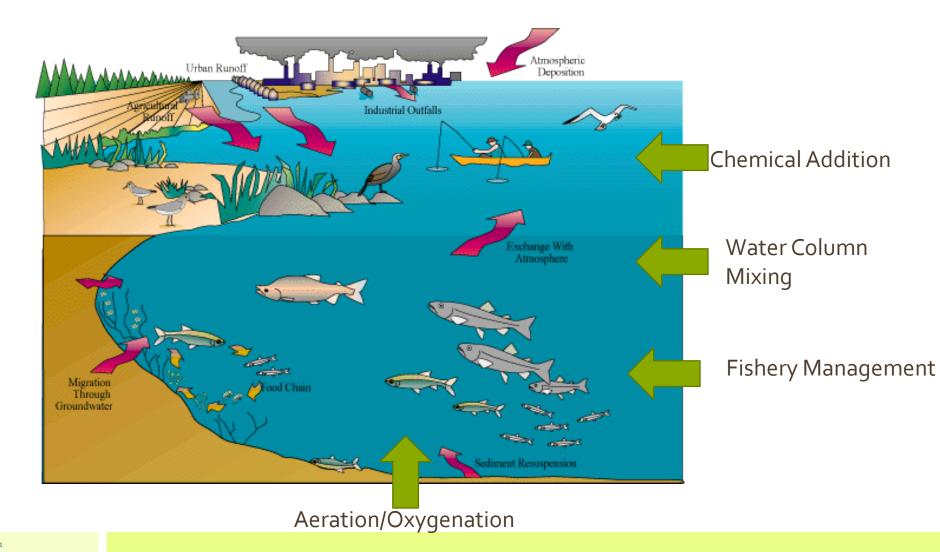


Street Sweeping

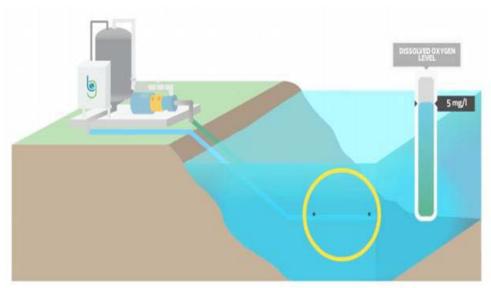


Business Inspection Programs

In-Lake Treatment: Manage effects of nutrients



Canyon Lake Option Comparison Oxygenation vs. Alum





Alum: Natural mineral used since Roman times







Copyright © 2008 Theodore W. Gra

Alum: Natural mineral used in many lakes



Big Bear Lake – Test Application



Westlake Village – As needed

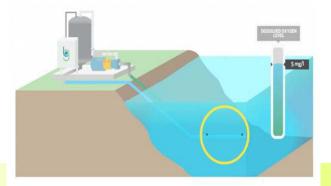


Spring Valley Ranch - Annually

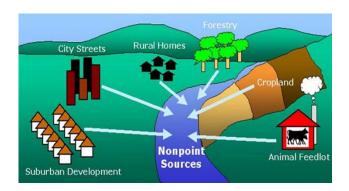


Canyon Lake Option Comparison Oxygenation vs. Alum

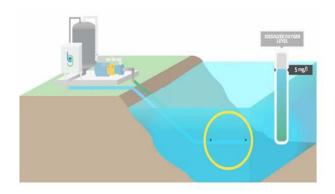
Benefit	Hypolimnetic Oxygenation	AlumTreatment
Meet 2015 Interim Targets	No	Yes
Address Main Body	Yes	Yes
Address East Bay	No	Yes
Immediate Visual Response	No	Yes
Reversible	No	Yes
Meet 2020 Targets	2 of 4 (Chl A)	3 of 4 (Final DO)

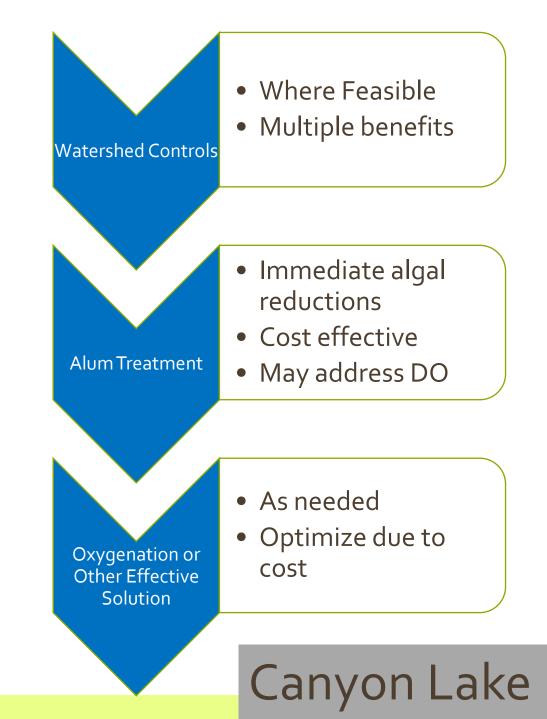










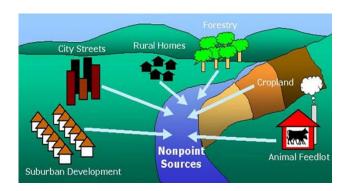


Lake Elsinore



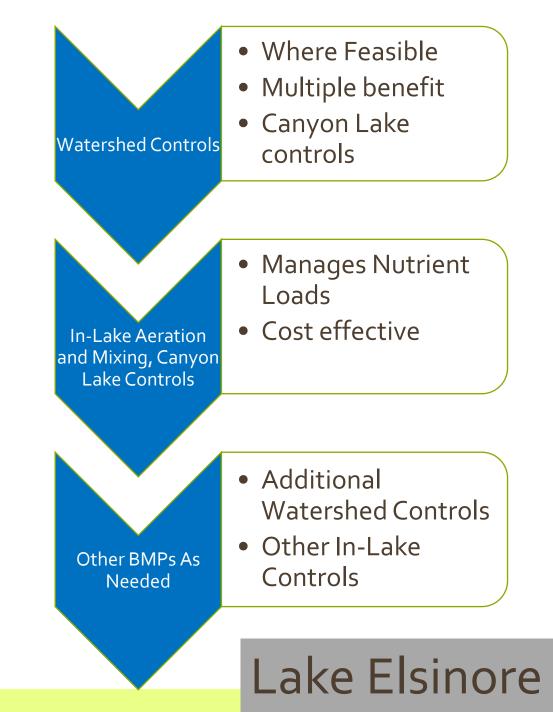


Canyon Lake Spillway









\$500,000 Proposition 84 Grant



SAWPA's One Water One Watershed Program

Beneficial Use Restoration Ahead of Schedule!



Is this the right solution?

20+ Agencies Collaborating.

Multiple Water resource benefits.

Integrated, watershed scale.

Next Steps



Implement MS₄ CNRP Programs

Coordinate with Other Source Control Programs

Assess results of synergistic programs through Task Force Reductions in algal growth Reduction in fish kills Improvements to fishery

Identify additional needs, if any

Request your support for adoption of the Comprehensive Nutrient Reduction Plan for Lake Elsinore and Canyon Lake

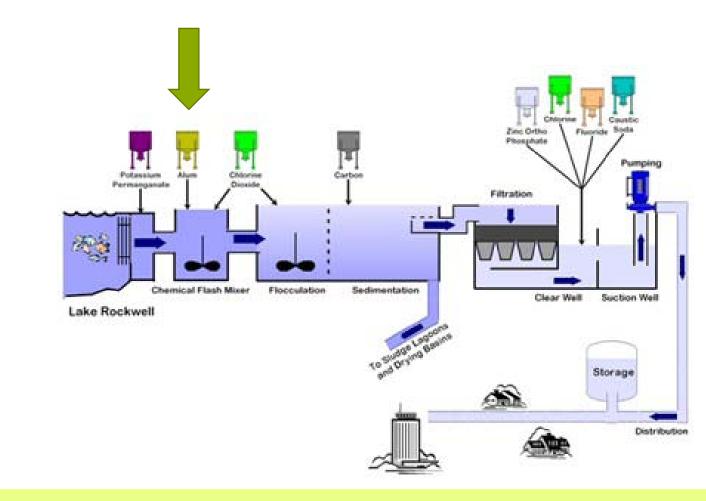
Questions?

End of Show

Alum: Natural mineral used in water purification



 Used by EVMWD Water Treatment Plant



Alum Treatment: Consider aquatic and recreation impacts

Test for potential aquatic side-effects

• Lab tests using Canyon Lake water, benthic organisms

Minimize impacts to recreational use

- Coordinate through POA, City. Tentatively
 - September 2013
 - February 2014
 - Bi-annually from there

Permitting and CEQA

- CEQA initiated, estimated completion May 2013
- Coordinating with RWQCB on Permitting issues
- Coordinating with EVMWD regarding impacts to water supply
- Coordinating with City/POA regarding recreation

Alum Treatment: Outreach to Residents

Develop Whitepaper, presentations

• What, where, how, when, why

Outreach to local organizations

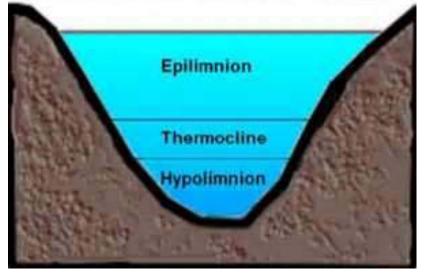
- Describe proposal
- Identify and understand issues and concerns

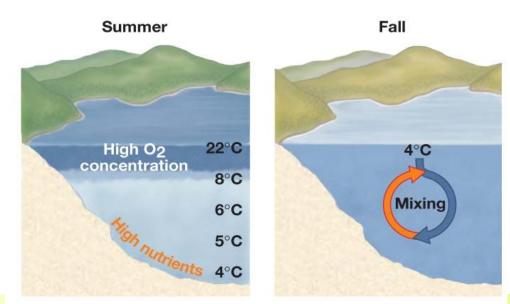
Permitting, Plans and CEQA

- Incorporate public input
- Address issues and concerns

Nutrient cycle

Summer Lake Stratification Zones





Alum applications:

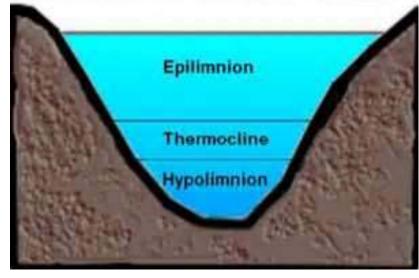
Focus on managing algal concentration in lake, also address oxygen levels.

February – after wet season, before March bloom.

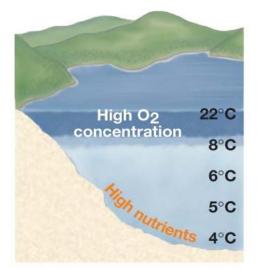
September: Prior to fall lake mixing.

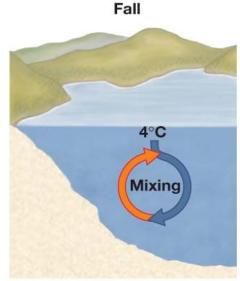
Nutrient cycle

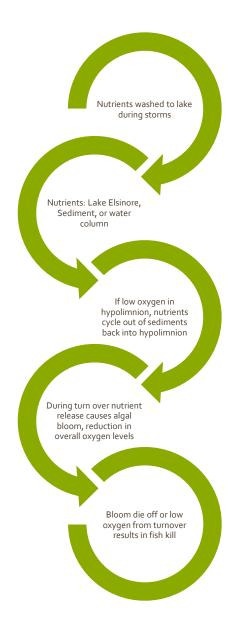
Summer Lake Stratification Zones

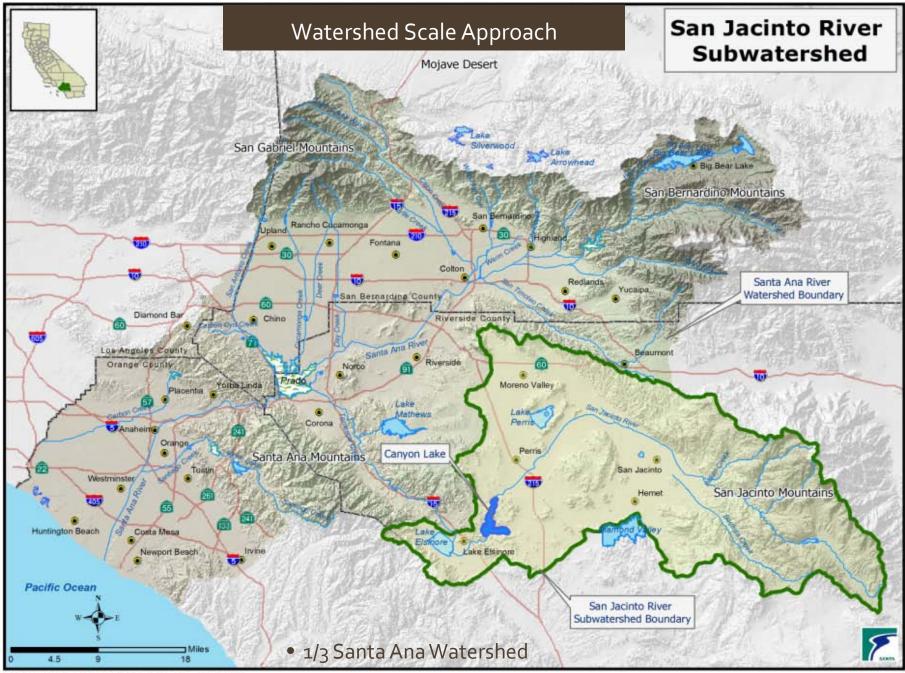


Summer

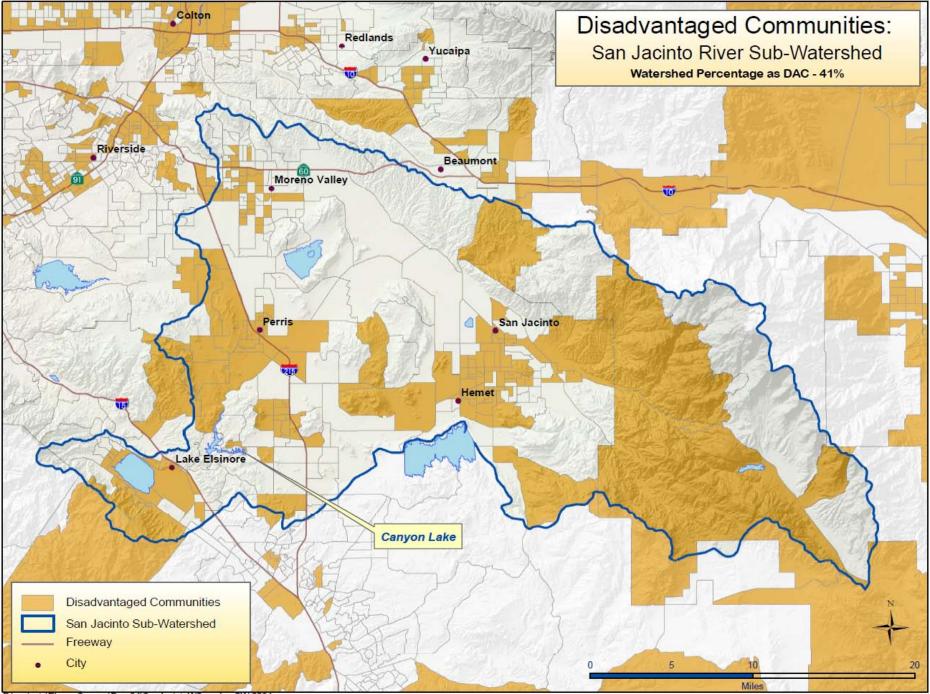








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