

Attachment A - Lake Elsinore & Canyon Lake Nutrient TMDL Task Force Implementation Schedule and Budget

1 Summary : Task Force TMDL Implementation Budget		Phase IB : Emphasis on In-Lake Processes				Task Code
Fiscal Year		2006-07	2007-08	2008-09	2009-10	
1a	Required Tasks Budget	\$ 679,300	\$ 454,200	\$ 437,300	\$ 477,300	R
1b	Optional Study Budget	\$ 39,900	\$ 134,700	\$ 160,000	\$ -	O
1c	TMDL Compliance Expert Budget	\$ 110,000	\$ 85,000	\$ 85,000	\$ 85,000	E
1d	Task Force Administration Budget	\$ 98,800	\$ 65,800	\$ 65,800	\$ 65,800	A
1e	Estimated Annual TMDL Implementation Budget	\$ 928,000	\$ 739,700	\$ 748,100	\$ 628,100	
1f	Contingency(=10% of Budget-In Kind-Credits)	\$ 44,600	\$ 43,150	\$ 46,160	\$ 36,160	C
1g	TMDL Budget	\$ 972,600	\$ 782,900	\$ 794,300	\$ 664,300	
1h	Available Grant Funding	\$ (90,000)	\$ -	\$ -	\$ -	G
1i	TMDL Implementation Budget (grant funding adjusted)	\$ 882,600	\$ 782,900	\$ 794,300	\$ 664,300	
1j	In-Kind Services	\$ (194,000)	\$ (87,000)	\$ (107,000)	\$ (87,000)	I
1k	TMDL Implementation Budget (In-Kind Service Adjusted)	\$ 688,600	\$ 695,900	\$ 687,300	\$ 577,300	
1l	Applicable Stakeholder Funding \$ Credits	\$ (288,000)	\$ (221,200)	\$ (179,500)	\$ (179,500)	S
1m	TMDL Implementation Budget (stakeholder credit adjusted)	\$ 400,600	\$ 474,700	\$ 507,800	\$ 397,800	

2 Stakeholder Funding \$ Credits		Phase IB : Emphasis on In-Lake Processes				Task Code
Fiscal Year		2006-07	2007-08	2008-09	2009-10	
2a	MS4 Funding Credits	\$ (106,800)	\$ (64,000)	\$ (64,000)	\$ (64,000)	S
2b	Lk Elsinore Comp Water Mgt Agrmt Funding Credits	\$ (181,200)	\$ (157,200)	\$ (115,500)	\$ (115,500)	S
2c	Total Stakeholder Credits	\$ (288,000)	\$ (221,200)	\$ (179,500)	\$ (179,500)	S

3 In-Kind Services Share			Phase IB : Emphasis on In-Lake Processes				Task Code
Stakeholder			Fiscal Year				
			2006-07	2007-08	2008-09	2009-10	
3a	RCFC&WCD	TMDL Compliance Expert	\$ (25,000)				I
3b	RCFC&WCD	Phase 2 Stream Gauge O&M	\$ (154,000)	\$ (77,000)	\$ (77,000)	\$ (77,000)	I
3c	RCFC&WCD	Mystic lake In-Flow & Stage Outflow Relationships			\$ (20,000)		I
3d	USFS	S.B. Forest Natural Background Study	\$ (15,000)	\$ (10,000)	\$ (10,000)	\$ (10,000)	I
3e	Total Stakeholder Credits		\$ (194,000)	\$ (87,000)	\$ (107,000)	\$ (87,000)	I

Notes:

Fiscal Year : July 1 - June 30

FY 2006-07 : 18 Month Budget starting Jan 1, 2006

Task Type Codes:

R -	Required TMDL Task Force Funded Efforts
O -	Optional TMDL Task Force Funded Efforts
S -	Stakeholder Funded TMDL Tasks (stakeholder \$ credit eligible)
I -	Stakeholder In-Kinds Services (stakeholder)
C -	Stakeholder Contingency Funds
X -	Independently Funded TMDL Tasks (no stakeholder \$ credit)
E -	TMDL Compliance Expert
A -	TMDL Administration
G -	Grant Funding

4	Detailed : Task Force TMDL Implementation Task		Task Due Date	Phase 1B : Emphasis on In-Lake Processes				Task Code
	Fiscal Year			2006-07	2007-08	2008-09	2009-10	
4a	4.0	Develop Long Term TMDL Governance Structure, Budget, Schedule and Agreement	30-Jun-09				\$ 20,000	R
4b		Nutrient Water Quality Monitoring Database Management and Annual Report	Annual	\$ 40,000	\$ 15,000	\$ 15,000	\$ 15,000	R
4c	4.1	Phase 1 - Watershed-wide Monitoring	Annual	\$ 293,067	\$ 173,300	\$ 173,300	\$ 173,300	R
4d	4.11	MS4 Funded Phase 1 - Watershed-wide Monitoring and lab analysis	2005-06	\$ (10,767)				S
4e	4.12	MS4 Funded Phase 1 Stream gauge O&M	2006-10	\$ (96,000)	\$ (64,000)	\$ (64,000)	\$ (64,000)	S
4f	4.13	RCFC&WCD In-Kind Phase 2 Stream gauge O&M	2006-10	\$ (154,000)	\$ (77,000)	\$ (77,000)	\$ (77,000)	I
4g	4.14	Watershed Monitoring and Lab Analysis	2006-10	\$ 32,300	\$ 32,300	\$ 32,300	\$ 32,300	R
4h	4.15	Wet Year Watershed-wide Monitoring (Weather Dependant) ^{C**}	2006-10	[-----]				C
4i	4.2	Phase 1 - Lake Elsinore Nutrient Monitoring	Annual	\$ 144,375	\$ 115,500	\$ 115,500	\$ 115,500	R
4j	4.21	EVMWD Funded Phase 1 - Lake Elsinore Nutrient Monitoring	2006-10	\$ (144,375)	\$ (115,500)	\$ (115,500)	\$ (115,500)	S
4k	4.3	Phase 1 - Canyon Lake Nutrient Monitoring	Annual	\$ 50,000	\$ 103,500	\$ 103,500	\$ 103,500	R
4l	4.31	Grant Funded Canyon Lake Nutrient Monitoring	2006-07	\$ (50,000)				G
4m	4.4	Monitoring Study - Local Dry-weather Runoff Flows and Water Quality	31-Dec-08		\$ 40,000			O
4n	4.5	Evaluation of In-lake Projects Nutrient Reduction Potential	31-Dec-08	\$ 19,900	\$ 19,900			O
4o	4.51	EVMWD Funded In-Lake Proj. Eval.	2006-10	\$ (19,900)	\$ (20,000)			S
4p	5.0	Incorporate Agricultural Dischargers Nutrient Management Data into TMDL Task Force Effort	30-Sep-07			required Task 11.1		X
4q	6.0	Incorporate On-Site Disposal Systems Nutrient Management Data into TMDL Task Force Effort	1-Oct-06			required Task 11.1		X
4r	7.0	Incorporate Urban Dischargers Nutrient Management Data into TMDL Task Force Effort	1-Aug-06			required Task 11.1		X
4s	8.0	Incorporate Forest Service Nutrient Management Data into TMDL Task Force Effort	30-Sep-07			required Task 11.1		X
4t	9.0	Lake Elsinore In-Lake Sediment Nutrient Reduction Plan	31-Mar-07	\$ 16,900	\$ 16,900			R
4u	9.01	EVMWD Funded In-Lake Sed Red Plan	2006-10	\$ (16,900)	\$ (16,900)			S
4v	9.1	Sediment Nutrient Flux & Oxygen Demand Study of Lake Elsinore	31-Mar-07		\$ 4,800			O
4w	9.11	EVMWD Funded Sed Treat Study	2006-10		\$ (4,800)			S
4x	10.0	Canyon Lake In-Lake Sediment Treatment Options Evaluation	31-Mar-07	\$ 20,000				R
4y		Grant Funded In-Lake Sed. Treatment Study.	2006-07	\$ (20,000)				G
4z	10.1	Sediment Nutrient Flux & Oxygen Demand Study of Canyon Lake	31-Mar-07	\$ 20,000				O
4aa		Grant Funded Nut. Flux and O Demand Study	2006-07	\$ (20,000)				G
4ab	11.0	Watershed and Canyon Lake and Lake Elsinore In-Lake Modeling Plan	31-Mar-07	\$ 40,000				R
4ac	11.1	Watershed and Canyon Lake and Lake Elsinore In-Lake Model Updates	30-Jun-09		\$ 70,000	\$ 140,000		O
4ad	11.2	Update of SCAG Land Use	30-Jun-09			\$ 20,000		O

4ae	11.3	RCFC&WCD In-Kind	Develop Mystic lake In-Flow and Stage Outflow Relationships	2005-08			\$ (20,000)		I
4af	11.4	USFS In-Kind	San Bern. Nat. Forest Natural Background Study	2005-2010	\$ (15,000)	\$ (10,000)	\$ (10,000)	\$ (10,000)	I
4ag	12.0	Pollutant Trading Options Plan		30-Sep-07	\$ 60,000	\$ 20,000			R
4ah	13.0	Review and Revise Nutrient Water Quality Objectives		31-Dec-09				\$ 20,000	R
4ai	14.0	Review of TMDL/WLA/LA		Tri-Annual				\$ 20,000	R

Notes:

Task Budgets : Estimates taken from TMDL Monitoring Report prepared by TetraTech, Inc.

C** : Task funded by Stakeholder Contingency Funds

5 Stakeholder Cost Allocation (grant funding adjusted)			Annual Budget			
Fiscal Year			2006-07	2007-08	2008-09	2009-10
5a	MS4 Co-Permittees (Total)		\$ 193,200	\$ 203,400	\$ 200,700	\$ 166,100
	Riverside County		\$ 64,347	TBD	TBD	TBD
	City of Beaumont		\$ 3,318	TBD	TBD	TBD
	City of Canyon Lake		\$ 4,118	TBD	TBD	TBD
	City of Hemet		\$ 25,028	TBD	TBD	TBD
	City of Lake Elsinore		\$ 8,692	TBD	TBD	TBD
	City of Moreno Valley		\$ 56,813	TBD	TBD	TBD
	City of Murrieta		\$ 1,000	TBD	TBD	TBD
	City of Perris		\$ 16,829	TBD	TBD	TBD
	City of Riverside		\$ 2,323	TBD	TBD	TBD
	City of San Jacinto		\$ 10,732	TBD	TBD	TBD
5b	RCFC&WCD		\$ 179,000	\$ 77,000	\$ 97,000	\$ 77,000
5c	Lk Elsinore Comp Water Mgt Agrmt (Total)	%	\$ 193,200	\$ 203,400	\$ 200,700	\$ 166,100
	Elsinore Valley Municipal Water Dist	50	\$ 96,600	\$ 101,700	\$ 100,350	\$ 83,050
	City of lake Elsinore	50	\$ 96,600	\$ 101,700	\$ 100,350	\$ 83,050
5d	San Jacinto Agricultural Operators		\$ 193,200	\$ 203,400	\$ 200,700	\$ 166,100
5e	San Jacinto Dairy & CAFO Operators		\$ 33,900	\$ 35,700	\$ 35,200	\$ 29,100
5f	CALTRANS - freeway		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
5g	CA DF&G - San Jacinto Wetlands		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
5h	US Forest Service Area		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
5i	Eastern Municipal Water District		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
5j	March ARB Joint Powers Authority		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
5k	US Air Force (March Air Reserve Base)		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
5l	Total:		\$ 882,500	\$ 782,900	\$ 794,300	\$ 664,400

6 Stakeholder Cost Allocation (stakeholder \$ credits and in-kind adjusted)			Annual Budget			
Fiscal Year			2006-07	2007-08	2008-09	2009-10
6a	MS4 Co-Permittees (Total)		\$ 86,400	\$ 139,400	\$ 136,700	\$ 102,100
	Riverside County		\$ 28,591	TBD	TBD	TBD
	City of Beaumont		\$ 1,474	TBD	TBD	TBD
	City of Canyon Lake		\$ 1,830	TBD	TBD	TBD
	City of Hemet		\$ 11,121	TBD	TBD	TBD
	City of Lake Elsinore		\$ 3,862	TBD	TBD	TBD
	City of Moreno Valley		\$ 25,244	TBD	TBD	TBD
	City of Murrieta		\$ 1,000	TBD	TBD	TBD
	City of Perris		\$ 7,478	TBD	TBD	TBD
	City of Riverside		\$ 1,032	TBD	TBD	TBD
	City of San Jacinto		\$ 4,768	TBD	TBD	TBD
6b	RCFC&WCD		\$ -	\$ -	\$ -	\$ -
6c	Lk Elsinore Comp Water Mgt Agrmt (Total)	%	\$ 12,000	\$ 46,200	\$ 85,200	\$ 50,600
	Elsinore Valley Municipal Water Dist	50	\$ 6,000	\$ 23,100	\$ 42,600	\$ 25,300
	City of lake Elsinore	50	\$ 6,000	\$ 23,100	\$ 42,600	\$ 25,300
6d	San Jacinto Agricultural Operators		\$ 193,200	\$ 203,400	\$ 200,700	\$ 166,100
6e	San Jacinto Dairy & CAFO Operators		\$ 33,900	\$ 35,700	\$ 35,200	\$ 29,100
6f	CALTRANS - freeway		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
6g	CA DF&G - San Jacinto Wetlands		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
6h	US Forest Service Area		\$ -	\$ -	\$ -	\$ -
6i	Eastern Municipal Water District		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
6j	March ARB Joint Powers Authority		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
6k	US Air Force (March Air Reserve Base)		\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000
6l	Total:		\$ 400,500	\$ 474,700	\$ 507,800	\$ 397,900

7 Stakeholder Votes		Annual Budget				
		Fiscal Year	2006-07	2007-08	2008-09	2009-10
7a	MS4 Co-Permittees (Total)		189	126	104	89
	Riverside County		64	TBD	TBD	TBD
	City of Beaumont		3	TBD	TBD	TBD
	City of Canyon Lake		4	TBD	TBD	TBD
	City of Hemet		25	TBD	TBD	TBD
	City of Lake Elsinore		8	TBD	TBD	TBD
	City of Moreno Valley		56	TBD	TBD	TBD
	City of Murrieta		1	TBD	TBD	TBD
	City of Perris		16	TBD	TBD	TBD
	City of Riverside		2	TBD	TBD	TBD
	City of San Jacinto		10	TBD	TBD	TBD
7b	RCFC&WCD		179	77	97	77
7c	Lk Elsinore Comp Water Mgt Agrmt (Total)	%	193	203	200	166
	Elsinore Valley Municipal Water Dist	50	96	101	100	83
	City of lake Elsinore	50	96	101	100	83
7d	San Jacinto Agricultural Operators		193	203	200	166
7e	San Jacinto Dairy & CAFO Operators		33	35	35	29
7f	CALTRANS - freeway		15	10	10	10
7g	CA DF&G - San Jacinto Wetlands		15	10	10	10
7h	US Forest Service Area		15	10	10	10
7i	Eastern Municipal Water District		15	10	10	10
7j	March ARB Joint Powers Authority		15	10	10	10
7k	US Air Force (March Air Reserve Base)		15	10	10	10
7l	Total:		698	627	599	510