

Lake Elsinore & San Jacinto Watersheds Authority



City of Lake Elsinore • City of Canyon Lake • County of Riverside
Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

February 14, 2012

Mr. Robert Taylor
San Bernardino National Forest
1824 S. Commercenter Circle
San Bernardino, CA 92408

RE: Lake Elsinore & Canyon Lake Nutrient TMDL Task Force Agreement

Dear Mr. Taylor:

As administrator for the Lake Elsinore and Canyon Lake Nutrient TMDL (LE&CL) Task Force, LESJWA at the bequest of the LE&CL Task Force is formally notifying your agency that it has been brought to our attention that your agency's in-kind water quality monitoring at the Cranston Station is scheduled to discontinue for the indefinite future. As a party and signatory of the Task Force Agreement, tremendous work has been accomplished to date by the combined efforts of the task force in completing the necessary TMDL compliance deliverables to date. With TMDL water quality target deadlines approaching, the task force will be moving into an implementation mode with improvements at both lakes while continuing watershed monitoring. Funding and in-kind work support to continue these efforts are critical at this juncture and we are hopeful that your agency will remain a partner in the task force for ongoing efforts.

Work is commencing now on the drafting of a new task force agreement to support the LE&CL Task Force to continue to achieve compliance with the LE&CL TMDLs into the future. Through regional compliance approaches that reflect in-lake improvements, cost savings to TMDL parties are anticipated compared to TMDL parties seeking to achieve TMDL compliance individually. We are hopeful that your agency will remain a partner and look forward to your continued involvement and support of the LE&CL Task Force as it enters project implementation phase to achieve TMDL compliance.

Thank you for your consideration. If you have any questions, please contact me at 951-354-4221.

Respectfully submitted,

Mark Norton P.E., LEED AP
LE&CL TMDL Task Force Administrator

cc: Ron Young, Elsinore Valley Municipal Water District, Task Force Chair
Hope Smythe, Santa Ana Regional Water Quality Control Board

Lake Elsinore & San Jacinto Watersheds Authority



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February 14, 2012

Mr. Scott Sewell
Department of Fish and Game
3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764

RE: Lake Elsinore & Canyon Lake Nutrient TMDL Task Force Payment Request for FY 2011-12

Dear Mr. Sewell:

As administrator for the Lake Elsinore and Canyon Lake Nutrient TMDL (LE&CL) Task Force, LESJWA at the bequest of the LE&CL Task Force is formally notifying your agency that it is currently in arrears in annual TMDL payments to the Task Force and requests full payment of all past due invoices to the Task Force as soon as possible. As a party and signatory of the Task Force Agreement, tremendous work has been accomplished to date by the combined efforts of the task force in completing the necessary TMDL compliance deliverables to date. With TMDL water quality target deadlines approaching, the task force will be moving into an implementation mode with improvements at both lakes. This implementation will include construction, operation and maintenance of existing and future lake quality improvements. Funding to continue this work is critical at this juncture and we are hopeful that your agency will remain a partner in the task force for ongoing efforts.

Attached is a worksheet providing a detailed summary breakdown of the contributions of all TMDL parties for the LE&CL Task Force and past due invoices through the end of FY 2011-12.

As efforts continue by the LE&CL Task Force to achieve compliance with the LE&CL TMDLs, a new task force agreement is being drafted that will allow the Task Force to continue its efforts to achieve compliance at Lake Elsinore and Canyon Lake. Through regional compliance approaches that reflect in-lake improvements, cost savings to TMDL parties are anticipated compared to TMDL parties seeking to achieve TMDL compliance individually. We are hopeful that your agency will remain a partner and look forward to your continued involvement and support of the LE&CL Task Force as it enters project implementation phase to achieve TMDL compliance. Thank you for your consideration. If you have any questions, please contact me at 951-354-4221.

Respectfully submitted,

Mark Norton P.E., LEED AP
LE&CL TMDL Task Force Administrator

Enc: LE&CL Stakeholder Contributions Summary Worksheet

cc: Ron Young, Elsinore Valley Municipal Water District, Task Force Chair
Hope Smythe, Santa Ana Regional Water Quality Control Board

Lake Elsinore & San Jacinto Watersheds Authority



City of Lake Elsinore • City of Canyon Lake • County of Riverside
Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

February 14, 2012

Ms. Cathy Jochai
CalTrans
464 W. Fourth Street, 6th Floor
San Bernardino, CA 92401

RE: Lake Elsinore & Canyon Lake Nutrient TMDL Task Force Payment Request for FY 2011-12

Dear Ms. Jochai:

As administrator for the Lake Elsinore and Canyon Lake Nutrient TMDL (LE&CL) Task Force, LESJWA at the bequest of the LE&CL Task Force is formally notifying your agency that it is currently in arrears in annual TMDL payment to the Task Force and requests full payment of the FY 2011-12 invoice to the Task Force as soon as possible. As a party and signatory of the Task Force Agreement, tremendous work has been accomplished to date by the combined efforts of the task force in completing the necessary TMDL compliance deliverables to date. With TMDL water quality target deadlines approaching, the task force will be moving into an implementation mode with improvements at both lakes. This implementation will include construction, operation and maintenance of existing and future lake quality improvements. Funding to continue this work is critical at this juncture and we are hopeful that your agency will remain a partner in the task force for ongoing efforts.

Attached is a worksheet providing a detailed summary breakdown of the contributions of all TMDL parties for the LE&CL Task Force and past due invoices through the end of FY 2011-12.

As efforts continue by the LE&CL Task Force to achieve compliance with the LE&CL TMDLs, a new task force agreement is being drafted that will allow the Task Force to continue its efforts to achieve compliance at Lake Elsinore and Canyon Lake. Through regional compliance approaches that reflect in-lake improvements, cost savings to TMDL parties are anticipated compared to TMDL parties seeking to achieve TMDL compliance individually. We are hopeful that your agency will remain a partner and look forward to your continued involvement and support of the LE&CL Task Force as it enters project implementation phase to achieve TMDL compliance. Thank you for your consideration. If you have any questions, please contact me at 951-354-4221.

Respectfully submitted,

Mark Norton P.E., LEED AP
LE&CL TMDL Task Force Administrator

Enc: LE&CL Stakeholder Contributions Summary Worksheet

cc: Ron Young, Elsinore Valley Municipal Water District, Task Force Chair
Hope Smythe, Santa Ana Regional Water Quality Control Board

Lake Elsinore & San Jacinto Watersheds Authority



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Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

February 14, 2012

Ms. Pat Boldt, Executive Director
Western Riverside County Agriculture Coalition
34860 Ramona Expressway
San Jacinto, CA 92582-6003

RE: Lake Elsinore & Canyon Lake Nutrient TMDL Task Force Payment Request for FY 2011-12

Dear Ms. Boldt:

As administrator for the Lake Elsinore and Canyon Lake Nutrient TMDL (LE&CL) Task Force, LESJWA at the bequest of the LE&CL Task Force is formally notifying your agency that it is currently in arrears in annual TMDL payment to the Task Force and requests full payment of the FY 2011-12 invoice to the Task Force as soon as possible. As an active participant in the Task Force, the Western Riverside County Agricultural Coalition (WRCAC) has regularly informed the task force that due to its three year billing cycles, payment of TMDL Task Force allocations will not be made annually and will be delayed. Further, the Task Force is aware that WRCAC has successfully made payment of past due annual TMDL Task Force invoices as their billing program was enacted that resulted in full payment of all past due contributions to the LE&CL Task Force through the end of FY 2010-11. We appreciate WRCAC's ongoing efforts and look forward to upcoming invoice payments.

Attached is a worksheet providing a detailed summary breakdown of the contributions of the LE&CL Task Force and past due invoices through FY 2011-12. This worksheet shows Agricultural Operators participating through WRCAC providing cash contributions of \$557,285 through FY 2010-11. Additionally, if any additional revenues are collected from non-compliant Agricultural Operators through WRCAC and forwarded to LESJWA as part of TMDL contributions, those additional revenues will be applied to the allocation assessed to Agricultural Operators participating through WRCAC.

As efforts continue by the LE&CL Task Force to achieve compliance with the LE&CL TMDLs, a new task force agreement is being drafted that will allow the Task Force to continue its efforts to achieve compliance at Lake Elsinore and Canyon Lake. Through regional compliance approaches that reflect in-lake improvements, cost savings to TMDL parties are anticipated compared to TMDL parties seeking to achieve TMDL compliance individually. We are hopeful that your agency will remain a partner and look forward to your continued involvement and support of the LE&CL Task Force as it enters this critical stage of project implementation to achieve TMDL compliance. Thank you for your consideration. If you have any questions, please contact me at 951-354-4221.

Respectfully submitted,

Mark Norton P.E., LEED AP
LE&CL TMDL Task Force Administrator

Enc: LE&CL Stakeholder Contributions Summary Worksheet

cc: Ron Young, Elsinore Valley Municipal Water District, Task Force Chair
Hope Smythe, Santa Ana Regional Water Quality Control Board

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2009 - 2012

Agency	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12
March ARB	10,000.00	10,000.00	10,000.00	10,000.00
CalTrans	10,000.00	10,000.00	10,000.00	10,000.00
City of Beaumont	2,957.00	3,940.00	4,719.53	3,900.00
City of Canyon Lake	3,670.00	4,890.00	4,109.46	3,396.00
City of Hemet	22,308.00	29,723.00	27,460.77	22,696.00
City of Lake Elsinore	21,403.00	67,782.00	89,889.28	73,133.00
City of Menifee	-	-	4,668.93	20,458.00
City of Moreno Valley	50,638.00	67,469.00	63,546.31	52,520.00
City of Murrieta	2,006.00	2,673.00	786.96	650.00
City of Perris	15,000.00	19,985.00	20,060.94	16,580.00
City of Riverside	2,071.00	2,759.00	3,587.28	2,965.00
City of San Jacinto	9,565.00	12,744.00	13,470.59	11,133.00
City of Wildomar	-	-	24,752.77	3,859.00
County of Riverside	57,352.00	76,415.00	39,829.77	32,919.00
Dept of Fish and Game	10,000.00	10,000.00	10,000.00	10,000.00
Eastern Municipal Water District	10,000.00	10,000.00	10,000.00	10,000.00
Elsinore Valley Municipal Water District	13,656.00	57,460.00	75,294.20	61,070.00
March JPA	10,000.00	10,000.00	10,000.00	10,000.00
San Jacinto Agricultural Operators	237,313.00	294,920.00	300,588.40	143,320.00
San Jacinto Dairy & CAFO Operators	41,634.00	51,740.00	37,969.20	10,000.00
Total	529,573.00	742,500.00	760,734.39	508,599.00
Total Paid Invoices	51,334.00	23,092.80	27,176.79	35,279.00
Total Outstanding Invoices	78,239.00	319,407.20	333,557.60	173,320.00

Total Outstanding Invoices

San Jacinto Agricultural Operators *	-	-	-	143,320.00
Dept of Fish and Game	-	10,000.00	10,000.00	10,000.00
CalTrans	-	-	10,000.00	10,000.00
San Jacinto Dairy & CAFO Operators *	-	-	-	10,000.00
Total Outstanding All Years	-	10,000.00	20,000.00	173,320.00

DRAFT FY 2012-13 Budget: Lake Elsinore & Canyon Lake TMDL Task Force

Summary Task Force Expenditures

Budget
2012-13

Task Force Regulatory/Administrative Budget

1. Task Force Administration	\$ 50,000
Task Force Administrator (LESJWA)	
Annual Water Quality Reporting and Database Management	
Amend Task Force Agreement	
Grant Preparation	
2. TMDL Compliance Expert	\$ 50,000
Risk Sciences	
3. Pollutant Trading Program Development	\$ 20,000
TBD	
4. Contingency (approximately 10% of direct stakeholder expenses)	\$ 12,000
TMDL Task Force Regulatory/Administrative Budget	\$ 132,000

TMDL Implementation Project Budget

1. TMDL Compliance Monitoring	
Watershed-wide Nutrient Monitoring Program	\$ 85,000
Watershed-wide Nutrient Monitoring & Report Preparation (Weston Solutions)	\$ 70,000
Wet Year Watershed-wide Monitoring (weather dependant) (RCFC&WCD)	\$ -
Lab Analysis, Watershed-wide Monitoring (RCFC&WCD)	\$ 15,000
Stream gauge O&M (RCFC&WCD)	\$ -
Lake Elsinore Nutrient Monitoring Program	\$ -
Lake Elsinore Nutrient Monitoring & Lab Analysis (EVMWD)	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring & Lab Analysis (EVMWD)	\$ -
2. Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
O&M	\$ -
Pollutant Trading Administration (3% of O&M Costs)	\$ -
Fishery Management O&M	\$ -
Carp Removal Program	\$ -
Pollutant Trading Administration (3% of O&M Costs)	\$ -
3. Canyon Lake Project Alternatives	
Hypolimnetic Oxygenation System	\$ 378,000
Permitting	\$ 30,000
O&M Agreement	\$ 15,000
Detailed Design (15% of construction cost)	\$ 300,000
Construction	\$ -
O&M	\$ -
Project Administration (10% of budgeted expenses)	\$ 33,000
Pollutant Trading Administration (3% of O&M Costs)	\$ -
Chemical Additions	\$ -
Chemicals & Application	\$ -
Pollutant Trading Administration (3% of O&M Costs)	\$ -
TMDL Task Force Implementation Budget	\$ 463,000

**AGREEMENT TO FORM
THE LAKE ELSINORE AND CANYON LAKE TMDL TASK FORCE**

This Agreement, entered into as of this 5th day of March, 2007 to form the Lake Elsinore and Canyon Lake TMDL Task Force (hereinafter "Agreement") is made by and among the following entities, which are hereinafter sometimes collectively referred to as "TASK FORCE AGENCIES" or individually as "TASK FORCE AGENCY":

United States Forest Service (San Bernardino and Cleveland National Forest Management Zones)
US Air Force (March Air Reserve Base)
March Air Reserve Base Joint Powers Authority
California Department of Transportation
California Department of Fish and Game
County of Riverside
City of Beaumont
City of Canyon Lake
City of Hemet
City of Lake Elsinore
City of Moreno Valley
City of Murrieta
City of Perris

City of Riverside
City of San Jacinto
Elsinore Valley Municipal Water District
Eastern Municipal Water District
Western Riverside County Agriculture Coalition on behalf of the Agricultural Operators in the San Jacinto River Basin
Western Riverside County Agriculture Coalition on behalf of the Dairy Operators in the San Jacinto River Basin
Riverside County Flood Control and Water Conservation District

I. RECITALS

A. Whereas, in 1998, the Santa Ana Regional Water Quality Control Board (hereinafter "Regional Board") designated Lake Elsinore and Canyon Lake in the Lake Elsinore and San Jacinto Watersheds (Collectively the "Watersheds") as "impaired water bodies" pursuant to Section 303 of the federal Clean Water Act because of high levels of algae in both lakes and low dissolved oxygen in Lake Elsinore, attributed to excess phosphorus and nitrogen (Nutrients). As a result of said Section 303 designation, the Clean Water Act and California's Non-point Source Pollution Control Plan requires that total maximum daily loads (hereinafter "TMDLs") be established by the Regional Board for these waterbodies.

B. Whereas, in response to the Section 303(d) designation, the Regional Board adopted a Resolution R8-2004-0037 on December 20, 2004 amending the Water Quality Control Plan for the Santa Ana River Basin (BASIN PLAN AMENDMENT) to incorporate nutrient TMDLs for Canyon Lake and Lake Elsinore. The Basin Plan Amendment specifies, among other things, an Implementation Plan (TMDL IMPLEMENTATION PLAN), which holds specified stake holders (TASK FORCE AGENCIES) individually and/or jointly liable for complying with the TMDLs by means of specific tasks to be completed by specified dates under penalty of law. These tasks include development and implementation of a watershed-wide nutrient water quality monitoring program, development of an in-lake nutrient monitoring program for Canyon Lake and Lake Elsinore, development of a plan and schedule for in-lake sediment nutrient reduction for Lake Elsinore, development of a plan and schedule for evaluating in-lake sediment nutrient strategies for Canyon Lake, updating watershed and in-lake nutrient TMDL water quality models, developing a pollutant trading plan, and reviewing and revising the TMDL to reflect updated data and science.

**AMENDMENT NO. 1 TO AGREEMENT TO FORM
THE LAKE ELSINORE AND CANYON LAKE
TMDL TASK FORCE**

This Amendment No. 1 is made this ___ day of _____, 20___, by and among the Task Force Agencies that constitute the Lake Elsinore and Canyon Lake TMDL Task Force.

RECITALS

WHEREAS, the Lake Elsinore and Canyon Lake TMDL Task Force was created pursuant to that certain agreement entitled "*Agreement to Form the Lake Elsinore and Canyon Lake TMDL Task Force*" dated March 5, 2007 ("Agreement"); and

WHEREAS, it is the purpose of this Amendment No. 1 to the Agreement for all Task Force Agencies to mutually extend the duration of the Agreement one full year and to add the City of Menifee and the City of Wildomar to the Task Force.

NOW, THEREFORE, the parties mutually agree that the Agreement is amended as follows:

1. The duration of the Agreement is extended one full year to **June 30, 2011**, and
2. The following Agencies are hereby added as a "**Task Force Agency**" to the Agreement:

**CITY OF MENIFEE
CITY OF WILDOMAR**

IN WITNESS WHEREOF, the Parties hereto have executed this **Amendment No. 1** on the date opposite their respective signatures. This Amendment becomes effective as of the date of the latest signature page received.

LAKE ELSINORE AND SAN JACINTO WATERSHEDS AUTHORITY

BY _____

TITLE _____

DATE _____

**AMENDMENT NO. 2 TO AGREEMENT TO FORM
THE LAKE ELSINORE AND CANYON LAKE
TMDL TASK FORCE**

This Amendment No. 2 is made this ___ day of _____, 20___, by and among the Task Force Agencies that constitute the Lake Elsinore and Canyon Lake TMDL Task Force.

RECITALS

WHEREAS, the Lake Elsinore and Canyon Lake TMDL Task Force was created pursuant to that certain agreement entitled "*Agreement to Form the Lake Elsinore and Canyon Lake TMDL Task Force*" dated March 5, 2007 ("Agreement"); and

WHEREAS, it is the purpose of this Amendment No. 2 to the Agreement for all Task Force Agencies to mutually extend the duration of the Agreement one full year.

NOW, THEREFORE, the parties mutually agree that the Agreement is amended as follows:

1. The duration of the Agreement is extended one full year to **June 30, 2016**

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 2 on the date opposite their respective signatures. This Amendment becomes effective as of the date of the latest signature page received.

Counterpart Signature Pages are Attached for the Following Agencies:

California Dept. of Fish & Game	County of Riverside
California Dept. of Transportation	Eastern Municipal Water District
City of Beaumont	Elsinore Valley Municipal Water District
City of Canyon Lake	Forest Service – Cleveland National Forest Management Zone
City of Hemet	Forest Service – San Bernardino National Forest Management Zone
City of Lake Elsinore	Lake Elsinore & San Jacinto Watersheds Authority (LESJWA)
City of Menifee	March Air Reserve Base
City of Wildomar	March ARB Joint Powers
City of Moreno Valley	Riverside County Flood Control & Conservation District
City of Murrieta	Santa Ana Regional Water Quality Control Board
City of Perris	Western Riverside County Agriculture Coalition
City of Riverside	
City of San Jacinto	