



# California Regional Water Quality Control Board Central Valley Region

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22 October 2009

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## REQUEST FOR GUIDANCE ON ANNUAL MANAGEMENT PLAN UPDATE REPORT ITEMS - SAN JOAQUIN COUNTY AND DELTA WATER QUALITY COALITION

The San Joaquin County and Delta Water Quality Coalition (Coalition) requested additional guidance regarding expectations for the Annual Management Plan Update Report (Annual MPUR) due on 1 April 2010 during the second Management Plan quarterly meeting held 20 May 2009. The California Regional Water Quality Control Board, Central Valley Region staff (Staff) developed this guidance document to provide clarification on the information the Coalition should include in the Annual MPUR in accordance with the Monitoring and Reporting Program Order No. R5-2008-0005. The guidance document does not establish new requirements, but provides a suggested framework for complying with existing reporting requirements.

The list of items provided in the Annual MPUR guidance document is not inclusive of all the items that need to be included in the Annual MPUR. The Coalition is still responsible for completion of the specific tasks referenced in the approved Management Plan and MRP Plan.

If you have any questions or comments regarding the guidance, or need any further information, please contact Chris Jimmerson at (916) 464-4859.

JOE KARKOSKI  
Acting Assistant Executive Officer

Enclosure: Guidance for Management Plan Update Report Items

*California Environmental Protection Agency*



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# IRRIGATED LANDS REGULATORY PROGRAM

## GUIDANCE FOR MANAGEMENT PLAN UPDATE REPORT ITEMS

Revised on 22 October 2009

**Purpose:** This guidance was prepared at the request of the San Joaquin County and Delta Water Quality Coalition (Coalition) and applies to the Coalition's Management Plan. The purpose of this guidance is to provide clarification on the minimum set of items that the Coalition needs to include in the Annual Management Plan Update Report (Annual MPUR) to comply with the requirements in Board Order No. R5-2008-0005. The list of items provided below is not inclusive of all the items that need to be included in the Annual MPUR. The Coalition is still responsible for completion of the specific tasks referenced in their approved Management Plan and MRP Plan. To the extent that there are any conflicts between this document and Board Orders, the Board Orders take precedent.

- (1) Provide sufficient information regarding achievement of the performance goals and measures. Since performance goals for the high priority areas are key measures of the success of Management Plan implementation, the Coalitions need to include the current and expected status of completion for each of the performance goals and measures. Therefore, the status of performance measures will need to be clearly described in the Annual MPUR for all High Priority sites. (e.g. dates and numbers, see example provided in Tables 1 and 2).
- (2) Provide performance goals and measures for the next set of high priority site subwatersheds or constituents (Draft version discussed in 7 October meeting), including quantifiable goals for the number of growers to be contacted.
- (3) Resubmit the Management Plan schedule and provide the current status of any management practice evaluations to determine the effectiveness of management practice implementation. Use Table 17 (page 65) of the Management Plan to answer what the Coalition has accomplished during the reporting period.
- (4) Provide sufficient information when Management Plan strategies need to be revised. In addition, these modifications will need to be discussed and evaluated with Regional Water Board staff during the designated quarterly meetings and documented in Annual MPUR. Any updates may need to receive Executive Officer approval.
- (5) Provide the status of Management Plan Tracking Schedules. Use Table 16 (page 65) of the Management Plan and Table 2 of this guidance to answer what the Coalition has accomplished during the reporting period.
- (6) Provide an update on how the TMDL requirements are being achieved. Management Plans were approved in part based upon complying with the Sacramento-San Joaquin Basin Plan components. Therefore, the Coalition needs to specifically identify actions taken to address TMDLs in each Annual MPUR. The TMDL Introduction should:

- a) Describe why this section is being prepared. For example, it is to fulfill the requirements of the Management Plan and Basin Plan.
  - b) Mention which TMDLs are being implemented (chlorpyrifos, diazinon, salinity/boron, DO).
  - c) What are the affected TMDL areas?
- (7) For the Delta chlorpyrifos and diazinon TMDLs, the Coalition can in part, accomplish this by identifying the seven Basin Plan Amendment monitoring goals. For each of the seven components discuss how the information provided in the Annual MPUR relates to the data collected from the chlorpyrifos and diazinon TMDL associated monitoring points and TMDL reporting components as outlined in the 23 December Management Plan Addendum. The Coalition discussed certain efforts in the Addendum it would be doing to meet the TMDL. Each of these needs to be discussed.
- a) Determine compliance with established water quality objectives for diazinon and chlorpyrifos in the Delta Waterways
  - b) Determine compliance with established load allocations applicable to discharges of diazinon and chlorpyrifos into the Delta Waterways
  - c) Determine the degree of implementation of management practices to reduce off site movement of diazinon and chlorpyrifos
  - d) Determine the effectiveness of management practices and strategies to reduce off site migration of diazinon and chlorpyrifos
  - e) Determine whether alternatives to diazinon and chlorpyrifos are causing surface water quality impacts
  - f) Determine whether the discharge causes or contributes to a toxicity impairment due to additive or synergistic effects of multiple pollutants
  - g) Demonstrate that management practices are achieving the lowest pesticide levels technically and economically achievable.
- (8) Describe how the Coalition is participating in the salt/boron real-time management program as specified in the Management Plan addendum and any other salinity management efforts (e.g. CV-SALTS).
- a) What are the affected TMDL areas? (i.e. Delta Waterways, Northwest Side subarea)
  - b) The Coalition discussed certain efforts it would be doing to meet the TMDL in the Management Plan. Each of these needs to be discussed.
  - c) List the sampling site(s) the Coalition is using to implement the TMDL. Part of the affected Coalition area is the Basin Plan Sub-area named Northwest Side.
- (9) Describe how the Coalition is participating in the DO control program.
- a) What are the affected TMDL areas? (i.e. Delta Waterways, DWSC/Vernalis)
  - b) Briefly discuss the how the Coalition's boundary affects the Coalition's efforts to the DO TMDL.
  - c) The Coalition discussed certain efforts it would be doing to meet the TMDL in the Management Plan. Each of these needs to be discussed.
- (10) Summarize the results for each of the TMDL constituents.

- a) Do not need to repeat the analytical raw data already presented in the report.
- b) How many exceedances were there for each of the TMDL constituents?
- c) Is the load allocation being met?
- d) Discuss implementation of management practices. Some of these should be from the Management Plan Table 17, page 65.
- e) It may be too early to make a conclusion, but are these management practices having an effect?

**Table 1. Performance goals with status update for Duck Creek @ Hwy 4, Lone Tree Crk @ Jack Tone, and Unnamed Drain to Lone Tree Crk @ Jack Tone (Table D of the Management Plan addendum).**

	<b>Performance Measure</b>	<b>Outputs</b>	<b>Status as of April 1, 2010</b>	<b>Who</b>
<b>Performance Goal 1</b>	Performance Measure 1.1. – Hold at least two meetings for members in the Duck Creek @ Hwy 4 site subwatershed focused on high priority constituents (i.e. chlorpyrifos) during the 2008/2009 winter season.	Report meeting dates, attendance numbers and agendas in Management Plan update		Mike Wackman
<b>Performance Goal 2</b>	Performance Measure 2.1. – 100% of targeted growers contacted.	Report ratio of individual contacts made versus total growers identified to contact		Mike Wackman
	Performance Measure 2.2 – Contact owners/operators representing at least 1,000 acre of membership acreage in the site subwatershed.	Report ratio of acreage represented by individual contacts versus total subwatershed acreage.		MLJ-LLC
<b>Performance Goal 3</b>	Performance Measure 3.1 – Obtain current management practice information from 100% of identified growers.	Completed individual contact checklists recorded in an Access database		Mike Wackman
	Performance Measure 3.2 - Document current management practices of the identified growers during individual contacts and encourage the adoption of new practices not currently implemented.	Record of current management practices used that may reduce agricultural impact on water quality		Mike Wackman
	Performance Measure 3.3 - Document management practices that the identified grower were encouraged to implement.	Summary of management practice evaluations on a site subwatershed level in the Management Plan update.		MLJ-LLC
<b>Performance Goal 4</b>	Performance Measure 4.1 - By February 2010, document (e.g. assess number/type) new management practices implemented by identified growers	Summary of management practices implemented as a result of individual contacts		Mike Wackman

<b>Performance Goal 5</b>	Performance Measure 5.1 - Assess water quality results for 90% completeness, 90% accuracy, and 90% precision from Coalition monitoring location within the priority site subwatershed.	Summary of 2009 water quality data from site subwatershed (April 2010).	MLJ-LLC
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**Table 2. Status as of April 1, 2010 of individual contacts within priority subwatersheds.**

<b>Performance Measures</b>	<b>Duck Creek @ Hwy 4</b>	<b>Lone Tree Crk @ Jack Tone Rd</b>	<b>Unnamed Drain to Lone Tree Crk @ Jack Tone Rd</b>
No. of Meetings Held with Growers			
No. of Individual Growers to Contact			
No. of Growers Interviewed			
% Individual Growers Interviewed			
Acreage of Individuals To be Contacted			
Acreage of Members Contacted			
% of Acreage of Members Contacted			