



California Regional Water Quality Control Board
Central Valley Region

Katherine Hart, Chair



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23 September 2011

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JUNE 2011 SEMI-ANNUAL MONITORING REPORT REVIEW- WESTSIDE SAN JOAQUIN RIVER
WATERSHED COALITION

Thank you for submittal of the Westside San Joaquin River Watershed Coalition (Coalition) Semi-Annual Monitoring Report (SAMR), which was received on 15 June 2011. Staff has completed a review (enclosed with this letter) of the SAMR for compliance with Monitoring and Reporting Program Order R5-2008-0831 (MRP Order).

The Coalition's SAMR reports on MRP Order requirements, Total Maximum Daily Load (TMDL) activities, and Management Plan progress during the reporting period. Since the majority of the TMDL monitoring and Management Plan progress will be reported in the May 2012 chlorpyrifos/diazinon TMDL report and the November 2011 SAMR, Staff expects to see additional details regarding progress on the TMDL and Management Plan activities. Concurrently, Staff will be working with the Coalition to develop a more robust monitoring strategy and responses to exceedances that the Coalition should take to meet TMDL Basin Plan requirements.

Staff appreciates the Coalition's effort with revising this SAMR in response to the previous SAMR staff review. Overall, the required components of this SAMR were fully addressed by the Westside Coalition, with the exception of minor omissions or clarifications that will need to be addressed in the Coalition's subsequent reports. The attached Staff Memorandum and associated checklists identify these items, which may be addressed in the Coalition's November 2011 SAMR and May 2012 TMDL chlorpyrifos/diazinon annual report.

If you have any questions or comments regarding this letter or the attached review memorandum, or need any further information, please contact Susan Fregien at (916) 464-4813.

Susan Fregien, Senior Environmental Scientist
Monitoring and Implementation Unit
Irrigated Lands Regulatory Program

Joe Karkoski, Program Manager
Irrigated Lands Regulatory Program

Enclosure: Staff Review of Westside San Joaquin River Watershed Coalition SAMR
Semi-Annual Monitoring Report Review Checklist,
Semi-Annual Management Plan Report Checklist
Semi-Annual TMDL Reporting Checklists



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TO: Susan Fregien
Senior Environmental Scientist
Monitoring and Implementation Unit
Irrigated Lands Regulatory Program

FROM: Chris Jimmerson
Environmental Scientist
Monitoring and Implementation Unit
Irrigated Lands Regulatory Program

DATE: 14 September 2011

SUBJECT: JUNE 2011 SEMI-ANNUAL MONITORING REPORT REVIEW-
WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION

The California Regional Water Quality Control Board, Central Valley Region, (Central Valley Water Board) received the 15 June 2011 Non-Irrigation Season Semi-Annual Monitoring Report (SAMR) from the Westside San Joaquin River Coalition (Coalition). The SAMR covers the monitoring period from September 2010 through February 2011 (Sampling Events 71 through 76). The SAMR also reports on activities from the two focused management plans: Focused Management Plan I - Hospital and Ingram Creek Focused Management Plan activities and Focused Management Plan II - Westley Wasteway, Del Puerto Creek and Orestimba Creek. The SAMR was submitted to meet the requirements of Monitoring and Reporting Program Order R5-2008-0831 (MRP Order) and the associated Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands adopted by the Regional Board on 1 July 2006 (Order No.R5-2006-0053).

The review section titles below and section numbers are the same as the titles and section numbers used in the SAMR Checklist (see attached). Staff derived the checklist directly from the MRP Order and it provides an itemized account of the compliance components. If the minimum requirements were not met, this memorandum provides a discussion. A discussion is not provided for those items that met the compliance components because these are indicated in the attached checklist.

A. MRP ORDER REQUIREMENTS

In general, the required components of the SAMR were fully addressed by the Westside Coalition (enclosed SAMR checklist). The items listed below contain requests for additional information which will improve subsequent SAMRs.

Item 8.1.4 and 8.1.5 Datum Identification:

According to the MRP, page 18, "*The datum must be either WGS 1984 or NAD83, and clearly identified on the map. The source and date of all data layers must be identified on the map(s).*" For the next SAMR, the Coalition needs to provide the datum and map data layer information.

Item 9.8:

All the required constituents for each site have reported results. The SAMR could benefit from tabulating the specific analytes along with the site name and monitoring schedule to better represent the Coalition's monitoring obligations and accomplishments. On page 5, Table 3 of the report, the pesticides are grouped by class and not specifically named. The pesticides, including all analytes, should be specifically named so the reader knows exactly what the Coalition is monitoring. A table like this should be provided in subsequent SAMRs.

Item 16.1.1 and 16.2.1:

Appendix E of the report, summarizes the quality assurance and quality control results. According to page 21 of the Coalition's Order, "*...acceptance criteria for all measurements of precision and accuracy must be identified.*" The Coalition should provide the data quality indicators in the next SAMR by including a copy of Appendix B: *Summary Table of Quality Objectives and Criteria For Measurement Data*, found in the MRP Attachment C.

B. BASIN PLAN - TMDL REQUIREMENTS (Enclosed TMDL Checklists)

The discussion of Sacramento and San Joaquin River Basin Plan TMDL requirements has been divided according to the appropriate TMDLs that the Coalition is required to implement, including Chlorpyrifos and Diazinon, Dissolved Oxygen, and Salt and Boron TMDL's.

San Joaquin River Chlorpyrifos and Diazinon TMDL: On 1 May 2012, the East San Joaquin Water Quality Coalition (ESJWQC) and the Westside San Joaquin River Watershed Coalition (Westside) will submit, in a collaborative effort, the Annual San Joaquin River Chlorpyrifos and Diazinon Total Maximum Daily Load (TMDL) Report to Central Valley Water Board Staff. Staff will prepare a detailed review of 1 May 2012 report in a separate memo. Staff provides the following comments regarding the Coalition's ongoing chlorpyrifos/diazinon TMDL efforts, as reported in this SAMR.

As part of the monitoring design, the ESJWQC and Westside Coalitions split and coordinated the monitoring at the six SJR TMDL Basin Plan sites. The ESJWQC is responsible for monitoring at: (1) San Joaquin River (SJR) at the Airport Way Bridge near Vernalis, (2) SJR at the Maze Boulevard, and (3) SJR at Hills Ferry. The Westside is responsible for monitoring at: (4) SJR at Las Palmas Avenue near Patterson, (5) SJR at Highway 165 (Lander Ave) near Stevinson, and (6) SJR at Sack Dam.

Page 33 of the SAMR provides a general account of the Coalition's TMDL program, but does not indicate any of the monitoring results or efforts during the reporting period here. In future SAMR reporting, this section should briefly summarize and discuss the results of compliance monitoring at the compliance sites during the reporting period. Staff acknowledges that the bulk of the reporting will be presented in the May TMDL report and will report on compliance with the Basin Plan requirements. Notwithstanding any reporting redundancy should be minimized. Staff is currently working with the Coalition to develop a more robust monitoring strategy and responses to exceedances that the Coalition should take to meet Basin Plan requirements.

C. MANAGEMENT PLAN ACTIVITIES

This section includes updates to the Management Plan activities for Ingram and Hospital Creeks and for the Del Puerto Creek, Westley Wasteway, and Orestimba Creek watersheds.

The Coalition has completed the following Focus Plan II milestones:

- Collect MP data from all member parcels within Westley Wasteway, Del Puerto Creek and Orestimba Creek subwatersheds.
- Use MP Survey data to estimate the surface-irrigated acreage within Westley Wasteway, Del Puerto Creek, and Orestimba Creek subwatersheds.
- Develop detailed maps for FP2 subwatersheds and identify areas sensitive to overspray and runoff.

The remaining Focus Plan II milestones are in progress and on schedule. These will be reported in detail in the November Management Plan report. The November SAMR will report specifically to progress made versus what was stated in the Performance Goals for every performance goal. The November SAMR will restate the performance goals and milestones and the relative progress made towards meeting the milestones.

Item 7. Analyze results of *E. coli* study and Map/Inventory potential sources: The Westside Coalition reported that they are in the process of mapping rural residences within the subwatershed in the November 2010 SAMR and this SAMR. The Westside Coalition has reviewed data on *E. coli* results for the period of 2008 through 2010 for Coalition sites. The Coalition needs to provide an update on the status of the maps that it is generating. It is unclear if the Coalition is continuing efforts with the *E. coli* study because Table 11 on page 25 of the SAMR indicates that work was completed on January 2010. However on page 26 of the SAMR, the text suggests that work is continuing with the mapping and data collection for manure usage. The Coalition will need to clarify these two statements in the November SAMR.

Item 18. Encourage conversion to drip/micro sprinkler irrigation systems: Attachment 6, Table A6-1 of the SAMR tabulates the current acreage and percent of

irrigated acreage using high efficiency irrigation systems for each focus subwatershed that were collected through management practice surveys.

Table A6-1 High Efficiency Irrigation Systems Usage

Subwatershed	Acreage	Percent of Irrigated Acreage
Hospital Creek	3515	68%
Ingram Creek	927	17%
Westley Wasteway	2891	63%
Del Puerto Creek	3934	50%
Orestimba Creek	5821	50%

For the November SAMR, the Coalition will update the current information on any changes in the above table. As per the Focus Plan II performance goals, the target milestone is to increase high-efficiency irrigated acreage in Orestimba Creek subwatershed by 1200 acres, and Del Puerto Creek Subwatershed by 800 acres by March 2014. The next SAMR will mention the milestones for this item and any progress made.

Item 19. Encourage Usage of PAM on field crops:

Attachment 6, Table A6-2 of the SAMR tabulates the current acreage and percent of irrigated acreage PAM for each focus subwatershed that were collected through management practice surveys.

Table A6-2 PAM

Subwatershed	Acreage	Percent of PAM Irrigated Acreage
Hospital Creek	488	29%
Ingram Creek	4375	95%
Westley Wasteway	3346	73%
Del Puerto Creek	2955	37%
Orestimba Creek	3408	29%

For PAM, the Coalition's milestone is to increase use of PAM on surface irrigated row crops in the Del Puerto Creek and Orestimba Creek subwatersheds to 60% by the end of March 2013. Westley Wasteway subwatershed has already exceeded 60% usage. The November SAMR will mention the milestones for this item and any progress made.

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Report Name: Semi-Annual Monitoring Report, Westside SJ River Watershed Coalition					Reviewer Name: Chris Jimmerson					
Submittal Date: 15 June 2011					Review Date: 6/15/11					
Item No.	SAMR Component Name				A Acceptable	U Unacceptable	NJ Not Included or Incomplete	NA Not Applicable	Page # (Section #)	Comments
1	Signed Transmittal Letter									
1.1				Transmittal letter included	X					
1.2				Penalty of Perjury Statement	X					
1.3				Signature of Authorized Coalition Representative	X					
1.4				Dated	X					
1.5				Submitted by Deadline	X					
2	Title Page									
2.1				Report title	X					
2.2				Date of the report	X					
2.3				Monitoring date range covered by the report	X					
2.4				Coalition Group name	X					
3	Table of Contents									
3.1				List of sections or chapters with page numbers	X					
4	Executive Summary									
4.1				Brief summary of activities	X			1,2		
4.2				Brief summary of results	X			1,2,7		
4.3				Brief summary of conclusions	X			34,		
5	Description of the Coalition Group Geographical Area									
5.1				General description of relevant geographic features of the Coalition area, such as location and extent of area, major landforms, land uses, vegetation types, crop types, climate patterns, key waterways, and cities	X			1-4, 15, 17		
6	Monitoring Objectives and Design									
6.1				<u>Monitoring Objectives</u>						
	6.1.1			List or brief description of monitoring objectives based on MRP Plan	X					
	6.1.2			Reference to MRP Plan section and page number where detailed monitoring objectives are found			X			
	6.1.3			Reference to QAPP section and page number where detailed monitoring objectives are found			X			
6.2				<u>Monitoring Design</u>						
	6.2.1			Aligns with monitoring design description in MRP Plan	X					
	6.2.2			Monitoring parameters	X					
	6.2.3			Monitoring frequency	X			4		
	6.2.4			Time period of monitoring covered in the report	X					
	6.2.5			Brief description of Management Plan monitoring	X			Attachment 5		
	6.2.8			Description of any deviation from the MRP Plan or QAPP			X			
	6.2.2			Reference to MRP Plan section and page number where detailed monitoring design is found			X			
	6.2.3			Reference to QAPP section and page number where detailed monitoring design is found			X			
7	Sampling site descriptions and rainfall records for the time period covered under the SAMR									
7.1				<u>Sampling Site Descriptions</u>						
	7.1.1			Site Name	X			13		
	7.1.2			Site Identification Number	X			Attachment 1		
	7.1.3			GPS Coordinates	X			13		
	7.1.4			Description of site representativeness (ie what geographic area, watershed, crop type does the site represent)	X					
	7.1.5			Site-specific monitoring type (core, assessment, special project) information	X					
	7.1.6			Any other unique information about the site or surrounding area	X					
7.2				<u>Rainfall Records</u>						
	7.2.1			Graphic or narrative form, in inches of precipitation	X					
8	Location map(s) of sampling sites, crops and land uses									
8.1				<u>Map(s)</u>						
	8.1.1			Sampling Sites with informative level of detail	X			9, 10, 11, 12		

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Item No.	SAMR Component Name	A Acceptable	U Unacceptable	NI Not Included or Incomplete	NA Not Applicable	Page # (Section #)	Comments
	14.2.6				X		
	14.2.7	X				Appendix C, PER	
	14.2.8	X					Met 100% completeness for valid tox tests.
14.3	Chemistry Lab Reports						
	14.3.1	X				Appendix C -Appl, Caltest,	Events 71-76 lab rpts. Included on CD
	14.3.2	X				Appendix C -Appl, Caltest,	
	14.3.3	X				Appendix C -Appl, Caltest,	
	14.3.4	X				Appendix C -Appl, Caltest,	Most failures are due to outside of acceptable recovery limits, however, >90 percent of tests are within limits.
	14.3.5	X				Appendix C -Appl, Caltest,	
	14.3.6	X				Appendix C -Appl, Caltest,	
	14.3.7	X				Appendix C -Appl, Caltest,	
15	Associated laboratory and field quality control samples results						
							These requirements covered under section 14
16	Summary of Quality Assurance Evaluation results (as Identified In Attachment C for Precision, Accuracy and Completeness)						
16.1	Quality Assurance Evaluation for LAB Data						
	16.1.1			X		Appendix E,	Criteria for precision and accuracy not found in SAMR. See MRP Attachment C, Appendix B. RPD ranges found in Appendix E, Table D. 94% of QAQC results within acceptability criteria.
	16.1.2	X				18, 19	
	16.1.3	X				18, 19, lab report summaries, Appendix E	
	16.1.4	X				Appendix E,	No corrective action required
	16.1.5	X				19, Appendix E	
	16.1.6	X				Appendix E,	No adjustments
	16.1.7				X		
16.2	Quality Assurance Evaluation for FIELD Data						
	16.2.1			X		Appendix E,	Criteria for precision and accuracy not found in SAMR. See MRP Attachment C, Appendix B. Must provide in next SAMR.
	16.2.2				X		
	16.2.3				X		
	16.2.4				X		
	16.2.5				X		
	16.2.6				X		
17	Specification of the method(s) used to obtain flow at each monitoring site during each monitoring event						
	17.1	X				9, 10, 11, 12	
18	Electronic or hard copies of photos obtained from all monitoring sites, clearly labeled with site ID and date						
	18.1	X				Appendix F	
	18.2	X				Appendix F	

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Report Name: Westside Semi-Annual Management Plan		Reviewer Name: Chris Jimmerson				
Submittal Date: 15 June 2011		Review Date: 6/15/11 -				
Item No.	Management Plan Check List Components	Review			Document(s) Page No. (Section No.)	Comments
		Acceptable A	Unacceptable U	Incomplete I		
I. Westside Management Plan General Approach						
1	Continue a water quality monitoring program	x			26, Attachment 6	
2	Develop and implement Focused Watershed Management Plans	x			26, Attachment 6	Focused Plan I and II underway. Salt Slough being developed.
3	Compile Management Practices Inventory	x			26, Attachment 6	Table A6-1 reports acreage that have high efficiency irrigation systems. Table A6-2 reports PAM usage by number of acres. Table A6-3 summarizes Mgt Practices surveyed.
4	Develop subwatershed maps	x			Attachment 6, subwatershed maps	Ongoing activity, completion date scheduled for Jan. 2013.
5	Determine regional pesticide application	x			15, 17, 26	Pesticide use report data is collected from the agricultural commissioners in the various counties occupied by the Westside Coalition. This pesticide use data was used to develop the data presented in the SAMR. The Coalition periodically reviews this data to compare with pesticide detections throughout the monitoring program reporting period.
6	Continue participation in Dissolved Oxygen Study	x			26	
7	Analyze results of E. coli study and map/inventory potential sources			x	24, 26-27	Actions to be developed further. Coalition is collecting information on manure usage and known locations of septic systems. Coalition said it is currently in process of mapping residences, but no information of what stage it is in.
8	Continue outreach and education efforts	x			27, 28, 29 Attachment 6	Eleven grower meetings held. Grant Funding established
9	Analyze for correlation between low DO and other parameters				29	Submitted in Nov. 2009 SAMR
10	Continue participation in Salinity TMDL program	x			30	
11	Track changes in water quality	x			30-32	
II. Westside Focused Watershed Management Plan I Ingram and Hospital Creeks ⁽²⁾						
1	Source Identification - Identify parcels	x			Attachment 6	Identified Ingram Crk, Hospital Crk, Westley Wasteway, Del Puerto Crk, and Orestimba Crk. as problem areas to develop mgt plans.
2	Development of survey document	x			Attachment 6	100% returned to Coalition
3	Completion of grower survey	x			Attachment 6	Completed in 2009

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Item No.	Management Plan Check List Components	Acceptable	Unacceptable	Incomplete	Document(s) Page No. (Section No.)	Comments
		A	U	I		
4	Finalize management practice survey findings, develop baseline MP inventory	x			Attachment 6	Table A6-1 reports acreage that have high efficiency irrigation systems. Table A6-2 reports PAM usage by number of acres. Table A6-3 summarizes Mgt Practices surveyed.
5	Determine effective MPs and develop next steps	x			Attachment 6	Long term MPs include: construct sediment basins, drip irrigation, reduce pesticide use, calibrate spray rigs, address overspray, increase buffer strips, implement more PAM use.
6	Detailed subwatershed maps	x			Subwatershed Maps	Provided maps reporting areas where MPs are in use.
7	Determination of pesticide use baseline	x			16, 17	Determined through PUR and application timing and rate of application
8	Identification of management practices to be implemented	x			Attachment 6	
9	Intensified outreach to growers	x			Attachment 6	
10	Approach to implement additional management practices	x			Attachment 6	Surveys, individual meeting, implementation.
11	Monitoring to determine management practice effectiveness	x			Appendix A	
12	E. coli watershed-specific field surveys to identify potential agricultural contributions			x	26	Focus plan surveying to collect information on manure usage and locations of septic systems. SAMR text did not provide
13	Develop specific performance goals and a schedule	x			Attachment 6	Perf goals developed for Ingram, Hospital creeks, Westley Wasteway, Del Puerto Creek, Orestimba Creek.
14	Surveillance-Level Monitoring	x			Attachment 6	
15	Constituent-specific monitoring	x			Attachment 6	
16	Develop grant program to assist with costs of installing and maintaining tailwater ponds	x			Attachment 6	The Coalition has provided ~\$10,000 in grant funding for installation and cleanout of sedimentation ponds. Outreach efforts include specific information on grant funding availability.
17	Increase the number and use of tailwater ponds and tailwater return systems	x			30	Two tailwater return projects identified in Hospital Creek and Ingram Creek areas, funding being sought.
18	Encourage conversion to drip/micro sprinkler irrigations systems	x			Attachment 6	See Table A6-1 of SAMR
19	Encourage usage of PAM on field crops	x			Attachment 6	
20	Create/distribute maps of areas that are sensitive to aerial overspray	x			Attachment 6	
21	Establish baseline and feasibility of increased size of buffer zones	x			Attachment 6	
22	Process & schedule for evaluating management practice effectiveness	x			Attachment 6	

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Item No.	Management Plan Check List Components	Acceptable			Document(s) Page No. (Section No.)	Comments
		A	U	I		
	III. Westside Focused Watershed Management Plan II Westley Wasteway, Del Puerto Creek, Orestimba Creek					
1	Source Identification - identify parcels				Attachment 6	
2	Development of survey document	x			Attachment 6	Surveys complete
3	Completion of grower survey	x			Attachment 6	Surveys complete
4	Finalize management practice survey findings, develop baseline MP inventory	x			Attachment 6	Surveys complete
5	Determine effective MPs and develop next steps	x			Attachment 6	
6	Detailed subwatershed maps	x			Attachment 6	
7	Determination of pesticide use baseline	x			Attachment 6	
8	Identification of management practices to be implemented	x			Attachment 6	
9	Intensified outreach to growers	x			Attachment 6	
10	Approach to implement additional management practices	x			Attachment 6	
11	Monitoring to determine management practice effectiveness	x			Appendix A	
12	E. coli watershed-specific field surveys to identify potential agricultural contributions			x	26	Actions to be developed further. Coalition is collecting information on manure usage and known locations of septic systems. Coalition currently in process of mapping residences, but no information of what stage it is in.
13	Develop specific performance goals and a schedule	x				Performance Goals adopted in August 2011
14	Constituent-specific monitoring	x			Attachment 6	
15	Process & schedule for evaluating management practice effectiveness	x			Attachment 6	
	Footnotes					
(1)	Monitoring and Reporting Program Order No. R5-2008-0831 for Westside San Joaquin River Watershed Coalition under the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands Amended Order No. R5-2006-0053, Section II.D (Pages 22 - 24)					
(2)	Includes specific performance goals identified in the 31 January 2009 Management Practice Report, Performance Goals document					

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Report Name: Westside Semi-Annual Management Plan		Reviewer Name: Chris Jimmerson				
Submittal Date: 15 June 2011		Review Date: 6/15/11 -				
Item No.	I. Basin Plan Component Description ⁽¹⁾	Review Criteria			Page No. (Section No.)	Comments
		Acceptable A	Unacceptable U	Incomplete I		
	TMDL Chlorpyrifos/Diazinon Check List					
1	Determine compliance with established water quality objectives and the loading capacity applicable to diazinon and chlorpyrifos in the San Joaquin River.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.
2	Determine compliance with established load allocations for diazinon and chlorpyrifos.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.
3	Determine the degree of implementation of management practices to reduce off-site movement of diazinon and chlorpyrifos.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.
4	Determine the effectiveness of management practices and strategies to reduce off-site migration of diazinon and chlorpyrifos.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Item No.	I. Basin Plan Component Description ⁽¹⁾	Review Criteria			Page No. (Section No.)	Comments
		Acceptable	Unacceptable	Incomplete		
		A	U	I		
5	Determine whether alternatives to diazinon and chlorpyrifos are causing surface water quality impacts.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.
6	Determine whether the discharge causes or contributes to a toxicity impairment due to additive or synergistic effects of multiple pollutants.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.
7	Demonstrate that management practices are achieving the lowest pesticide levels technically and economically achievable.	X				Coalition prepares an chlorpyrifos/diazinon Annual Monitoring Report. The reports are due May 1 every year. The discussion provided in the SAMR to answer the Basin Plan Component items will be addressed in the TMDL AMR due 5/1/12. A brief summary of the of the results during the reporting period should be discussed here.
Footnotes						
(1)	Fourth Edition of the Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basins (Diazinon and Chlorpyrifos Runoff in the San Joaquin River Basin, page V-4.00)					

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Report Name: Westside Semi-Annual Management Plan		Reviewer Name: Chris Jimmerson				
Submittal Date: 15 June 2011		Review Date: 6/15/11 -				
Item No.	I. Basin Plan Component Description ⁽¹⁾	Review Criteria			Page No. (Section No.)	Comments
		Acceptable A	Unacceptable U	Incomplete I		
	Dissolved Oxygen TMDL Related Sections Check List					
1	Determine compliance with established water quality objectives and the loading capacity applicable to dissolved oxygen in the San Joaquin River.	X			26, Attachment 5, Exceedance Tally	Coalition provided DO data for sampling points that apply to the SJR in the data summaries
	II. ILRP MRP Component Description ⁽²⁾					
2	Process to comply with Dissolved Oxygen TMDL - Status	X			29	The Coalition is participating in the DO TMDL Technical Working Group meetings.
	Footnotes					
(1)	Fourth Edition of the Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basins. Amendment for the Control Program for Factors Contributing to the DO Impairment in the Stockton Deep Water Ship Channel was adopted in 27 January 2005, and is in effect since 23 August 2006 by Resolution No. R5-2005-0005 into the Lower San Joaquin River. Final Staff Report October 2005					
(2)	Monitoring and Reporting Program Order No. R5-2008-0831 for Westside San Joaquin River Watershed Coalition under the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands, Amended Order No. R5-2006-0053. Sections I.B and I.C (Pages 6 and 7)					

Westside Coalition Semi-Annual Monitoring Report (SAMR) Review Checklist

Report Name: Westside Semi-Annual Management Plan		Reviewer Name: Chris Jimmerson				
Submittal Date: 15 June 2011		Review Date: 6/15/11 -				
Item No.	I. Basin Plan Component Description ⁽¹⁾	Review Criteria			Page No. (Section No.)	Comments
		Acceptable A	Unacceptable U	Incomplete I		
	Salt/Boron TMDL Related Sections Check List					
1	Salt/boron at Vernalis: Nonpoint source dischargers operating under waiver of waste discharge requirements must participate in a Regional Water Board approved real-time management program (Basin Plan IV 32.00 - IV 32.08).	X				The Regional Board and State Water Board are addressing the Basin Plan Salt and Boron requirements through the (1) Basin Plan Amendment for the San Joaquin River at Vernalis Salinity and Boron TMDL (pending item) and (2) Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS).
	II. ILRP MRP Component Description ⁽²⁾					
2	Process to comply Salt and Boron TMDL - Status	X			30	The Coalition is actively engaged in CVSALTS process and is an active member of the Central Valley Salinity Coalition that has been organized to facilitate the funding of the CVSALT effort. The Coalition's participation includes both monetary contributions and a substantial commitment of staff time. Specific actions by the Coalition to support the CVSALT efforts include: (1) Coalition representative's consistent participation in the CVSALT committees and sub-committees including serving as chair of the Economic and Social Impact Committee. (2) Consistent participation and economic contributions to the Central Valley Salinity Coalition, including representative serving as president of the CV Salinity Coalition. In addition the San Joaquin Valley Drainage Authority is providing contracting and contract administration services for the CVSALT effort. The Coalition has committed to substantial resources to help ensure that the CVSALT effort results in an effective and efficient salinity management program for the Central Valley.
Footnotes						
(1) Fourth Edition of the Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basins. Control Program for Salt and Boron Dischargers into the Lower San Joaquin River (Basin Plan IV 32.00) and is in effect since 23 August 2006 by Resolution No. R5-2005-0005 into the Lower San Joaquin River. Final Staff Report October 2005						
(2) Monitoring and Reporting Program Order No. R5-2008-0831 for Westside San Joaquin River Watershed Coalition under the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands, Amended Order No. R5-2006-0053. Sections I.B and I.C (Pages 6 and 7)						