

August 3, 2009

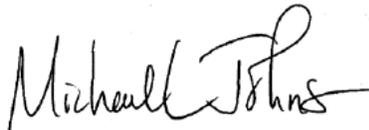
Pamela Creedon, Executive Officer
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Ms. Creedon,

The San Joaquin County and Delta Water Quality Coalition is submitting a request to update Management Plan schedules included in the Management Plan that was approved on January 23, 2009. The Management Plan was submitted as required by the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands Resolution Order No. R5-2006-0053, Monitoring and Reporting Program Order No. R5-2008-0005. The request is included on the following pages.

If necessary, we can schedule a meeting to discuss this request at your earliest convenience.

Submitted respectfully,

A handwritten signature in black ink that reads "Michael L. Johnson". The signature is written in a cursive style with a large, looped initial "M".

Michael L. Johnson
Technical Program Manager

Per discussions between the San Joaquin County and Delta Water Quality Coalition (SJCDWQC or Coalition) and Regional Water Board staff, the Coalition is requesting approval of a revision of the following schedules listed in the Management Plan submitted on September 30, 2008 (approved January 23, 2009):

1. Management Plan tracking schedule (Table 16 in the Management Plan, Table 11 in the Management Plan update)
2. Proposed schedule for addressing each site subwatershed with a detailed, focused management plan approach (Table B in the Management Plan addendum submitted on November 21, 2008, Table 6 in the Management Plan update)

Of the seven actions described in the Management Plan tracking schedule submitted in the September 30, 2008 Management Plan, the Coalition is requesting the completion dates to be extended for three of those actions. The majority of the SJCDWQC outreach efforts were funded by a Proposition 50 grant. As a result of the State's suspension of the Coalition's Prop 50 outreach funding, all grower group contacts have not been conducted as anticipated within the three high priority subwatersheds. The Coalition is working as efficiently as possible to schedule meetings with growers to inventory current management practices and educate growers on additional management practices that can be implemented to improve downstream water quality.

The following request describes:

1. Actions listed in the Management Plan tracking schedule,
2. Original and proposed timelines for completing those actions,
3. A review of the status of the Management Plan process to recommend management practices to growers and track implementation of new management practices, and
4. An explanation for why the original schedules have not been met. The Coalition updated the time schedules listed in each of the tables submitted in the Management Plan that was approved on January 23, 2009, and in the Management Plan update (submitted on April 1, 2009). Both the original and updated tables are included in this letter.

Revised Management Plan Tracking Schedule (Table 16 of the SJCDWQC Management Plan submitted on September 30, 2008)

The SJCDWQC submitted in its Management Plan update (submitted on April 1, 2009) a revised Management Plan Tracking schedule (Table 16 in the original Management Plan, Table 11 in the Management Plan update). Activities outlined in the original Management Plan tracking schedule table (Table 16 of the Management Plan submitted on September 30, 2008) included: 1) reporting baseline survey responses associated with member APNs, 2) determining the number/type of management practices currently in place, 3) conducting Grower Group contacts, 4) conducting individual contacts, 5) tracking implementation of new management practices, 6) assessing the number/type of new management practices implemented, and 7) evaluating the effectiveness of new management practices. The first four actions were to be completed by April 2009 based on the original schedule included in the SJCDWQC Management Plan (Table 16). In the Management Plan update (submitted April 2009) the schedules for Lone Tree Creek and Unnamed Drain to Lone Tree Creek for actions 3 and 4 (individual and grower group contacts) were extended by a year to be completed by April 2010. Below is a description of the each of the seven actions, proposed updates to schedules and current status (related actions are discussed together).

- 1. Associate baseline survey responses with member APNs.**
- 2. Determine the number/type of management practices currently in place.**

The Coalition compiled general survey responses outlining management practices used by members within the Coalition area. The results were summarized in a General Survey Summary Report which was submitted to the Regional Board on December 30, 2008. The Coalition associated general survey responses with individual parcels enrolled in the Coalition which enabled the Coalition to determine the number/type of management practices currently in place in all subwatersheds monitored by the Coalition. The Coalition therefore met the scheduled time frame to complete both of these actions for all three high priority subwatersheds by the end of January 2009.

3. Grower Group Contacts

The SJCDWQC Management Plan includes the process by which the Coalition conducts outreach to and education of growers. In high priority subwatersheds, the Coalition is conducting outreach through Grower Group Contacts and Individual Contacts where growers are informed of exceedances of water quality trigger limits and are given information on relevant management practices. Depending on the size of the watershed and the water quality

concerns within that watershed, the Coalition may initiate either type of contact or a combination of both.

The Coalition conducted grower group meetings within the high priority subwatersheds during the 2008 irrigation season, as well as in November of 2008 and March of 2009. All grower group meetings are highlighted in the Management Plan update submitted April 1, 2009 and were used to inform growers of current regulations, management practices that could be implemented and results of ongoing studies evaluating effectiveness of various management practices. Grower group meetings were used to obtain individual contact information regarding management practices on November 24, 2008 (one morning and one afternoon meeting) and on March 5, 2009 (see Table 15 of the Management Plan update submitted on April 1, 2009).

Table 16 of the SJCDWQC Management Plan submitted on September 30, 2008 listed general dates for Grower Group Contacts anticipated to be conducted during the winter season of 2008/2009 (October 2008 - April 2009) for all three priority subwatersheds. It was difficult to estimate when the process of contacting individuals would be completed because the proposed dates were established prior to initiating the contacts. Consequently, a range of dates for completion were included for all three subwatersheds (October 2008 – April 2009). It was anticipated that the Coalition would be able to conduct grower group meetings for all three subwatersheds within this time frame and obtain management practice information from individuals. The Coalition was only able to conduct three grower group meetings between October 2008 and April 2009 – two focused on the Duck Creek subwatershed and a third focused on Lone Tree Creek and Unnamed Drain to Lone Tree Creek growers via Mid Valley Agriculture. Therefore, the Coalition submitted an updated Management Plan tracking schedule (Table 11 in the Management Plan update submitted on April 1, 2009) to extend grower group contacts to April 2010. All contacts will be made by September 30, 2009.

4. Individual Contacts

Between the time the Management Plan was approved (January 23, 2009) and the time the Management Plan update was submitted on April 1, 2009, the Coalition assessed the 2008 exceedances and established a process for identifying targeted members through a list of pesticide use permittees within the subwatersheds. Permittees are associated with a Coalition member ID based on TRS and APN. The Coalition can then determine which members (based on TRS) applied specific pesticides and target growers based on those applications and their proximity to the water body. The permittees are contacted to attend grower group meetings where they fill out surveys regarding current management practices. They are further

questioned about their plans to implement any additional management practices discussed at the grower group meeting. As outlined in the approved SJCDWQC Management Plan, the Coalition focused first on Duck Creek to conduct individual contacts as a “pilot” area to assess whether or not this process would be 1) time efficient, 2) a good allocation of resources, 3) allow the Coalition to track management practice implementation, and 4) be well received by members in the area.

The Coalition contacted targeted permittees within the Duck Creek subwatershed to attend two grower group meetings on November 24, 2008 where one meeting focused on permittees with surface irrigated crops (i.e. row crops) and the other focused on pressurized irrigated crops (i.e. orchards and vineyards). At the meetings, surveys were completed by the attendee documenting member ID, type of crop, current management practices, and any management practices the permittee thought would be implemented in the next year. During the meeting Coalition representatives discussed exceedances and pertinent management practices focused on the grower group (either surface or pressurized irrigation). Coalition representatives went through the survey questions with the growers explaining how to complete the surveys and the importance of completing the entire survey. Some permittees that attended the Duck Creek meeting also farm parcels within Unnamed Drain to Lone Tree Creek subwatershed for which survey responses were also supplied.

The Coalition anticipated a high percentage of contacts to occur at the Duck Creek November meetings based on permittees who committed by phone to attend the Duck Creek meetings. Forty-nine permittees were contacted (whether or not they were members of the Coalition) resulting in 37 attendees. Of those 37 attendees, 19 surveys were completed (16 members, 3 non-members). Based on the results of the meetings, the Coalition narrowed its contact list to those permittees that farm parcels enrolled in the Coalition, that appear to have direct drainage to the creek, and have applied a pesticide for which there is a Management Plan. Based on this revised target list of permittees, 35 members in Duck Creek were prioritized for contact. Of those members 100% of the permittees have been contacted, and 17 have completed surveys representing 49% of the targeted members. Two surveys were completed for both Duck Creek and Unnamed Drain to Lone Tree Creek subwatershed parcels. These two growers represent 6% of the growers within the Unnamed Drain to Lone Tree Creek subwatershed.

Using the information gained from conducting its first set of grower group meetings in Duck Creek, the Coalition adopted the following strategy for determining its targeted grower list:

1. Identify members with parcels that drain directly to the water body (Duck Creek, Unnamed Drain, and Lone Tree Creek).
2. From this list, determine on which parcels a priority pesticide was applied (specific to each Site Subwatershed Management Plan).
3. Match permittees (those that farm the parcels) with Coalition members using information from the County Agricultural Commissioner.
4. Contact permittees through grower group meetings during which individual permittees complete a survey of current management practices and potential future management practices.
5. Associate permittee surveys with member parcels in the subwatershed.

Member parcels are selected based on possible drainage to the water body (using GIS) and those parcels are then compared to pesticide use report histories. The Coalition may omit members and their associated parcels from the target list if it is determined through contact with the permittees or PCA that the parcel does not drain into the water body.

On March 5, 2009, Mid Valley Agricultural Services (Mid Valley Ag) hosted a meeting in Escalon to discuss the ILRP, water quality exceedances within the high priority subwatershed and various management practices to reduce pesticide runoff. Approximately 50 growers attended (Coalition members and nonmembers). Individual management practice surveys were handed out during this meeting and the Coalition received 13 surveys from members and 4 surveys from non-members.

In the Management Plan update submitted on April 1, 2009, the Coalition provided an amended Management Practice tracking schedule (Table 11) which updated the time frames for individual contacts for Duck Creek @ Hwy 4 (November 2008), Lone Tree Creek @ Jack Tone Rd (April 2009 – April 2010), and Unnamed Drain to Lone Tree Creek @ Jack Tone Rd (April 2009 – April 2010). The Coalition anticipated that all contacts would be completed within all three high priority subwatersheds by April 2009 but due to a suspension of the Prop 50 grant funding, the visits were delayed. This delay and the reasons for the revised schedules were discussed at the SJCDWQC quarterly meeting (May 20, 2009) with Regional Board staff.

As of July 27, 2009, 100% of Duck Creek targeted growers have been contacted, 61% in the Lone Tree Creek subwatershed and 37% in the Unnamed Drain to Lone Tree Creek

subwatershed. Currently, 49% of the targeted members in Duck Creek subwatershed and 6% of the targeted members in the Unnamed Drain to Lone Tree Creek subwatershed have returned surveys.

Table 1. Status as of July 27, 2009 of individual contacts within all three priority subwatersheds.

Performance Measures	Duck Creek @ Hwy 4	Lone Tree Creek @ Jack Tone Rd	Unnamed Drain to Lone Tree Creek @ Jack Tone Rd
# Meetings Held with Growers	2	1	2
# Individual Growers to Contact	35	46	35
# Individual Contacts Made	35	28	13
% Individual Growers Contacted	100%	61%	37%
Acreage of Individuals To be Contacted	15,618.9	12,967.5	13,667.1
Acreage of Members Contacted	15,618.9	9,953.6	4,528.0
% Acreage of Members Contacted	100%	77%	33%
# of Completed Checklists in Database	17	0	2

In order receive completed surveys from the additional targeted growers the Coalition has conducted meetings with three major distributors of agricultural supplies: Wilber-Ellis (Manteca), Mid Valley Ag (Escalon) and Mid Valley Ag (Linden). With the aid of the pest control advisors (PCAs) within those companies, surveys are being distributed to the rest of the targeted growers. The PCA's have met with Coalition representatives to discuss the survey formats, water quality exceedances within the priority subwatersheds and various management practices that can be employed by growers. Approximately 80% of the targeted growers left to contact and/or fill out surveys have been assigned to various PCAs with the three distributors. The remaining 20% will be contacted through additional companies and/or individually through Coalition representatives. The Coalition expects to receive approximately half of the surveys by July 28, 2009 and the remaining surveys by August 3, 2009. During the SJCDWQC Quarterly Meeting on August 5, 2009 the Coalition will give an update to the status of completed surveys and contacted growers.

The Coalition submitted priority site subwatershed Performance Goals for Duck Creek @ Hwy 4 in the Management Plan addendum (Table D). These Performance Goals are:

- Performance Goal 1: Conduct grower group meetings.
 - Complete: Two grower group meetings were conducted for the Duck Creek subwatershed on November 24, 2009. All targeted growers were contacted.

- Grower group meetings are being used to facilitate individual contacts where growers complete management practice surveys during the meeting.
- Performance Goal 2: Individually contact members on adjacent properties to waterways where discharges have been identified during winter 2008/2009.
 - Complete: All 35 targeted growers were contacted to attend the Duck Creek grower group meetings on November 24, 2009. Seventeen surveys were returned.
- Performance Goal 3: Establish current practices by April 2009, on adjacent properties to waterways or where discharges are identified.
 - To be completed by September 30, 2009.
 - Summary of practices that may be implemented by the grower will be included in the April 2010 Management Plan update.
- Performance Goal 4: Encourage growers to implement additional management practices based on water quality results.
 - To be evaluated in both April 2010 and April 2011 Management Plan updates due to delays in additional contacts and therefore delays in possible implementation of management practices.
- Performance Goal 5: Evaluate effectiveness of the new management practices implemented during 2009.
 - To be evaluated in both the April 2010 and April 2011 Management Plan updates by evaluating water quality monitoring results from 2009 and 2010.
- Performance Goal 6: Consult with CVRWQCB at least once during 2008/2009 to discuss Management Plan activities and consider if changes need to be made in the Management Plan strategy for high priority water bodies.
 - Complete.

Performance measures and outputs were associated with the Performance Goals submitted in Table C of the Management Plan addendum to evaluate progress. Performance Goals 1 and 2 included measures and outputs to be completed by April 2009. The following table, Performance Goals for Duck Creek @ Hwy 4 with status update, is an update to Table C of the

Management Plan addendum. Performance Goals 4 and 5 include measures that will be evaluated in the April 2010 update and Performance Goal 6 does not have associated measures/outputs; therefore, these goals are not mentioned in the status update table below. The Coalition has met all performance measures for the Duck Creek subwatershed except 3.1 (obtain current management practice information from 100% of targeted growers), 3.2 (document current management practices of the targeted growers during individual contacts and encourage the adoption of new practices not currently implemented) and 3.3 (document management practices targeted growers were encourage to implement). All of the surveys received to date have been entered into the SJCDWQC Management Practice Database. The Coalition will have 100% of the surveys completed and returned by September 2009. Surveys not completed will be the result of uncooperative growers. The Coalition will summarize the management practice evaluations in the Management Plan update to be submitted on April 2010. An updated Table C is included at the end of this letter based on the new schedules proposed for Duck Creek @ Hwy 4.

Performance Goals for Duck Creek @ Hwy 4 with status update (Table C of the Management Plan addendum).

	Performance Measure	Outputs	Status as of July 30, 2009
Performance Goal 1	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 (April 2009).	Complete
Performance Goal 2	Performance Measure 2.1. – 100% of targeted growers contacted.	Report ratio of individual contacts made versus total growers identified with discharges.	Complete - 35 of 35 (100%)
	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.	Complete - 100%
Performance Goal 3	Performance Measure 3.1 – Obtain current management practice information from 100% of targeted growers.	Completed individual contact checklists recorded in an Access database.	Incomplete - 49% of targeted members
	Performance Measure 3.2 – Document current management practices of the targeted growers during individual contacts and encourage the adoption of new practices not currently implemented.	Record of management practices used that may reduce agricultural impact on water quality.	Complete – 17 of 17 (100% of received surveys)
	Performance Measure 3.3 – Document management practices targeted grower was encouraged to implement.	Summary of management practice evaluations on a site subwatershed level in the Management Plan update (April 2009).	Incomplete- to be summarized in the April 2010 update.

It has been the primary focus of the Duck Creek and Mid Valley Agricultural meetings to encourage the adoption of practices that will result in reducing runoff of constituents that have been detected at exceedance levels in the past. However, many of the management practices that will reduce runoff of chlorpyrifos will also result in the reduction of runoff of other constituents (e.g. converting to drip irrigation, spray nozzle calibrations, increased buffer zones, and spray drift management). In addition, during grower contacts all water quality issues are addressed. Individual surveys are handed out at the meetings and each question is discussed by Coalition representatives. The meeting includes a discussion of downstream water quality exceedances, results of recent management practice evaluation studies and possible practices that could be employed to reduce further exceedances. The grower is asked to complete the survey of current management practices and also identify the practices they anticipate implementing in 2009 and 2010. Although growers are targeted based on pesticide use that is relevant to pesticide exceedances, all subwatershed water quality issues are discussed (see Appendix I of the April 2009 Management Plan update for an example of a survey). The Coalition believes that the current process is the most effective for obtaining the goal of management practice implementation.

The Coalition will complete individual contacts with targeted growers within all three site subwatersheds by September 30, 2009. The Coalition is using a variety of strategies including conducting additional grower group meetings, follow-up contacts with growers who have not attended meetings, and engaging the cooperation of PCAs to get their permittees to complete surveys. If the Coalition encounters members who are not cooperating in filling out surveys, the Coalition will work with the Regional Board to identify a process that will be effective in convincing the grower to cooperate with the Coalition.

5. Implementation of new management practices.

6. Assess number/type of new management practices implemented.

The Coalition originally anticipated implementation of new management practices between April 2009 and February 2010 based on the completion of individual and grower group contacts by April 2009. However the Coalition has no control over what management practices are implemented by growers; it can only provide information on practices for growers to consider, explain options and identify resources for implementing them and encourage rapid adoption of practices to eliminate the exceedances.

The Coalition has communicated to Regional Board staff that some management practices cannot be implemented within months, or even a year, (i.e. construction of a sediment pond, installation of pressurized irrigation systems) due to the monetary resources required. In addition, the Coalition has been anticipating funds from Proposition 84 to aid growers in implementing structural management practices. Due to the current status of grant funds, the Coalition is unable to offer growers this additional resource and therefore can only encourage growers to contact their local NRCS office to obtain information regarding additional funding for installing structural management practices.

7. Evaluate effectiveness of new management practices.

The Coalition updated its schedule for evaluating the effectiveness of new management practices using water quality monitoring results from 2009 and 2010. This time frame will allow the Coalition to obtain two years of water quality monitoring results (in addition to additional monitoring conducted in 2007 and 2008 in Management Plan subwatersheds) to assess the effectiveness of new practices. The time will also allow the Coalition to determine which practices were implemented (requiring additional contacts with targeted growers) during 2009 and 2010. The Coalition will include this evaluation in the Management Plan update due on April 1, 2011. In the interim, all progress will be discussed with the Regional Board during quarterly updates and water quality results will be evaluated in the Annual Monitoring Reports (due March 1 of each year) and the interim Management Plan updates (due April 1 of each year).

Management Plan tracking schedule (Table 16 in the Management Plan submitted on September 30, 2008).

Priority Subwatershed Evaluation of Management Practices	Duck Creek @ Hwy 4	Lone Tree Creek @ Jack Tone Rd	Unnamed Drain to Lone Tree Creek @ Jack Tone Rd
Associate baseline survey responses with member APNs.	November 2008	November 2008	November 2008
Determine number/type of management practices currently in place.	December 2008	December 2008	December 2008
Group Grower Contacts ¹	October 2008 - April 2009	October 2008 – April 2009	October 2008 – April 2009
Individual Contacts	December 2008 – February 2009	January 2009 – March 2009	February 2009 – April 2009
Implementation of new management practices.	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010
Assess number/type of new management practices implemented.	October 2009 –February 2010	October 2009 - February 2011	October 2009 – February 2011
Evaluate effectiveness of new management practices ² .	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010

¹Grower Group Contacts are outlined in the Site Subwatershed Management Plans and may not be applicable for all constituents.

²Evaluating effectiveness will be dependent on the type of management practice implemented. This is general guideline to be used for practices that can be assessed without special study monitoring.

Updated Management Plan tracking schedule (Table 11 in the Management Plan update submitted on April 1, 2009).

Priority Subwatershed Evaluation of Management Practices	Duck Creek @ Hwy 4	Lone Tree Creek @ Jack Tone Rd	Unnamed Drain to Lone Tree Creek @ Jack Tone Rd
Associate baseline survey responses with member APNs.	November 2008	November 2008	November 2008
Determine number/type of management practices currently in place.	December 2008	December 2008	December 2008
Group Grower Contacts ¹	November 2008	April 2009 – April 2010	April 2009 – April 2010
Individual Contacts	November 2008	April 2009 – April 2010	April 2009 – April 2010
Implementation of new management practices.	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010
Assess number/type of new management practices implemented.	October 2009 –February 2010	October 2009 – February 2011	October 2009 – February 2011
Evaluate effectiveness of new management practices ² .	April 2009 – February 2011	April 2009 – February 2011	April 2009 – February 2011

¹Grower Group Contacts are outlined in the Site Subwatershed Management Plans and may not be applicable for all constituents.

²Evaluating effectiveness will be dependent on the type of management practice implemented. This is general guideline to be used for practices that can be assessed without special study monitoring.

NA – not applicable; group grower contacts were not conducted since individual contacts were already initiated.

Revised proposed schedule for addressing each site subwatershed with a detailed, focused management plan approach (Table C of the Management Plan addendum submitted on December 23, 2008).

In response to Regional Board staff comments regarding the SJCDWQC Management Plan (submitted on September 30, 2008), the Coalition submitted an addendum to the Management Plan which specifically addressed TMDL constituents and included a table providing dates when each management plan subwatershed would reach priority status, and outlining specific performance measures for the Duck Creek @ Hwy 4 site subwatershed. The proposed schedule for addressing each site subwatershed with a detailed, focused management plan approach (Table C of the addendum) was submitted as part of the approved SJCDWQC Management Plan and was based on water quality results available to January 2008. The Coalition and Regional Board discussed the prioritization process and the years in which the focused approach would need to be modified in the Management Plan update (scheduled for April 1 of each year) based on the previous year's water quality results and status of outreach efforts. Since the Coalition has been unable to meet the original schedule for contacting growers within the three priority subwatershed for reasons stated above, the Coalition submitted a revised Table C in the Management Plan update submitted on April 1, 2009 (Table 6). The updated schedule moved the beginning date for the focused approach for the next set of prioritized subwatersheds from 2009 to 2010.

Proposed schedule for addressing each site subwatershed with a detailed, focused management plan approach (Table C in the Management Plan addendum submitted on December 23, 2008).

Site Subwatershed ID	Site Subwatershed Name	Year start for focused approach (Focused = grower group and individual contact)
11	Duck Creek @ Highway 4	2008-2010
23	Lone Tree Creek @ Jack Tone Rd	2008-2010
48	Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2008-2010
16	Grant Line Canal @ Clifton Court Rd	2009-2011
17	Grant Line Canal near Calpack Rd	2009-2011
22	Littlejohns Creek @ Jack Tone Rd	2009-2011
	Terminus Tract Drain @ Hwy12	2010-2012
	French Camp Slough @ Airport Way	2010-2012
	Mokelumne River @ Bruella Rd	2010-2012
	Sand Creek @ Hwy 4 Bypass	2011-2013
20	Kellogg Creek along Hoffman Lane	2011-2013
29	Mormon Slough @ Jack Tone Road	2011-2013
	Roberts Island Drain @ Holt Rd	2012-2014
36	Roberts Island Drain along House Rd	2012-2014
Re-evaluate All Site Subwatersheds and Revise Schedule		Annually

Proposed schedule for addressing each site subwatershed with a detailed, focused management plan approach (Table 6 in the Management Plan update submitted on April 1, 2009).

Site Subwatershed Name	Year for focused approach
Duck Creek @ Highway 4	2008-2010
Lone Tree Creek @ Jack Tone Rd	2008-2010
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	2008-2010
Grant Line Canal @ Clifton Court Rd	2010-2012
Grant Line Canal near Calpack Rd	2010-2012
Littlejohns Creek @ Jack Tone Rd	2010-2012
Terminus Tract Drain @ Hwy12	2011-2013
French Camp Slough @ Airport Way	2011-2013
Mokelumne River @ Bruella Rd	2011-2013
Sand Creek @ Hwy 4 Bypass	2012-2014
Kellogg Creek along Hoffman Lane	2012-2014
Mormon Slough @ Jack Tone Road	2012-2014
Roberts Island Drain @ Holt Rd	2013-2015
Roberts Island Drain along House Rd	2013-2015
Re-evaluate All Site Subwatersheds and Revise Schedule	Annually

As a result of the shift in the original high priority subwatershed Management Plan tracking schedule, the Coalition is requesting an amendment to the dates when the remaining site subwatersheds will reach high priority status. This proposed schedule was included in the April 1, 2009 Management Plan update and is included above (Table 6 in the Management Plan update). The next set of subwatersheds will reach priority status in 2010 -2012. The Coalition will establish a list of targeted growers during the fall/winter of 2009 and will use the fall of 2009 to schedule grower group meetings for early 2010. The Coalition will establish a schedule of meetings to ensure that it will be able to contact all targeted growers within the next three high priority subwatersheds during 2010 (from January through September) which will allow for implementation of practices in 2011 and evaluation by 2012. Targeted grower lists will be created for the next three high priority subwatersheds (2011-2013) during the fall of 2010 such that those contacts will begin in January of 2011. This process will continue until all subwatersheds are addressed at a high priority site subwatershed level.

The following table, Management Plan tracking schedule update request, includes the original timelines/schedule submitted to the Regional Board on September 30, 2008 and an additional column with the status of the actions and proposed timelines (if the action has not been completed) described in detail earlier in this document. The status column may include dates that do not match the schedules proposed in the April 1, 2009 Management Plan update. In many cases, the dates have been adjusted per the request of Regional Board staff such that individual contacts will be completed by September 30, 2009.

Despite the delays in completing the contacts, the Coalition finds that the current strategy of conducting individual contacts is the most efficient way to educate growers about available management practices and current downstream water quality issues and most importantly, convince growers to implement additional recommended practices. The Coalition anticipates that the results of this process will include a database that will track management practice implementation and improvement in downstream water quality.

To date all members contacted have been willing to attend grower group meetings and discuss implementation of additional practices. Willingness to meet Coalition representatives has not been a problem. If the Coalition finds a member not willing to meet and discuss practices, the Coalition will emphasize the responsibility of the grower, as a member of the Coalition, to maintain practices that will not degrade downstream water quality. If the member still does not agree to meet with Coalition representatives, the Coalition will send them the enforcement action letter written by the Regional Board which outlines the potential enforcement actions

for not cooperating with the Coalition to identify and implement management practices necessary for preventing water quality degradation due to agricultural practices.

Management Plan tracking schedule update request. Original schedule refers to dates/times that were submitted in the Management Plan approved on January 23, 2008.

Priority Subwatershed Evaluation of Management Practices	Duck Creek @ Hwy 4		Lone Tree Creek @ Jack Tone Rd		Unnamed Drain to Lone Tree Creek @ Jack Tone	
	Original Schedule	Status / New Date	Original Schedule	Status / New Date	Original Schedule	Status / New Date
Associate baseline survey responses with member APNs.	November 2008	Completed	November 2008	Completed	November 2008	Completed
Determine number/type of management practices currently in place.	December 2008	Completed (December 30, 2008)	December 2008	Completed (December 30, 2008)	December 2008	Completed (December 30, 2008)
Group Grower Contacts	October 2008 – February 2009	Completed (November 24, 2008)	October 2008 – February 2009	Completed (March 5, 2009)	October 2008 – February 2009	Completed (November 24, 2008 and March 5, 2009)
Individual Contacts	December 2008 – February 2009	November 2008 – September 2009	January 2009 – March 2009	March 2009 – September 2009	February 2009 – April 2009	March 2009 – September 2009
Implementation of new management practices.	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010	April 2009 – February 2010
Assess number/type of new management practices implemented.	October 2009 - February 2010	October 2009 - February 2010	October 2009 - February 2011	October 2009 - February 2011	October 2009 - February 2011	October 2009 - February 2011
Evaluate effectiveness of new management practices.	April 2009 – February 2010	April 2009 - February 2011	April 2009 – February 2010	April 2009 - February 2011	April 2009 – February 2010	April 2009 - February 2011

Updated performance goals for Duck Creek @ Hwy 4 Rd based on revised contact schedules (Table C of the Management Plan addendum). Updates are listed below the original goal highlighted in green.

Performance Goal/Performance Measure	Outputs	Who
Performance Goal 1: Conduct grower group meetings.		
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 (April 2009).	Mike Wackman
Performance Goal 2: Individually contact members on adjacent properties to waterways where discharges have been identified during winter 2008/2009.		
Performance Measure 2.1 – 100% of identified 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
Performance Goal 3: Establish current practices (beyond established baseline practices) by April 2009 on adjacent properties to waterways or where discharges are identified.		
Performance Goal 3 Update: Establish current practices (beyond established baseline practices) by September 2009 on adjacent properties to waterways or where discharges are identified.		
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 Update – 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 (April 2010).	MLJ-LLC
Performance Goal 4: Encourage growers to implement additional management practices based on water quality results.		
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

Performance Goal/Performance Measure	Outputs	Who
<i>Performance Goal 5: Evaluate effectiveness of the new management practices implemented during 2009.</i>		
Performance Goal 5: Evaluate effectiveness of the new management practices implemented during 2009 and 2010.		
Performance Measure 5.1 Update – Assess water quality results for 90 % completeness, 90% accuracy, and 90% precision from Coalition monitoring location within the priority site subwatershed.	Summary of 2009 and 2010 water quality data from site subwatershed (April 2010 and April 2011).	MLJ-LLC
<i>Performance Goal 6: Consult with CVRWQCB at least once during 2008/2009 to discuss Management Plan activities and consider if changes need to be made in Management Plan strategy for High Priority waterbodies.</i>		