

From: Susan Fregien
To: Rachel West
CC: Chris Jimmerson; Francisca Johnson; Jelena Hartman; Lara Reising; Me...
Date: 2/14/2012 3:16 PM
Subject: Re: ESJWQC Field Exceedance Report-February 2012

Hi Rachel,

Thank you for sending the ESJWQC Field Exceedance Report for February 2012. I have reviewed the table of field data exceedances and photos provided for this monitoring event. I do not have any follow-up questions.

As a side note, Jelena Hartman will become the ESJWQC staff liaison in the near future. This transition will take place over the next several months. Jelena will participate in the Coalition's March 1st Quarterly Meeting, where Parry, Mike and Melissa will meet her in person. Until further notice, you can address questions to me and cc both Chris Jimmerson and Jelena Hartman.

Thanks,
Susan

Susan Fregien, Senior Environmental Scientist
Monitoring and Implementation Unit
Irrigated Lands Regulatory Program
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive Suite 200
Rancho Cordova, CA 95670-6114

phone: 916-464-4813
fax: 916-464-4780

>>> Rachel West <rwest@mlj-llc.com> 2/13/2012 10:45 AM >>>
Dear Susan,

As required in the Monitoring and Reporting Program (Order No. R5-2008-0005) for Coalition Groups, an Exceedance Report is being submitted to address the following issues: a) the exceedances, b) the follow-up monitoring, and c) any analysis or other actions the Coalition Group may take to address the exceedances.

a.) On February 7, 2012 Normal Monitoring (NM) and Management Plan Monitoring (MPM) occurred at sites in the ESJWQC region. This was considered the second winter event of 2012. Field parameters were measured during this sampling event. During this monitoring event two sites were sampled as non-contiguous waterbodies (Dry Creek @ Rd 18 and Duck Slough @ Hwy 99). There were three dry sites during this monitoring event (Berenda Slough along Ave 18 ½, Cottonwood Creek @ Rd 20 and McCoy Lateral @ Hwy 140). Exceedances of receiving water limitations for pH and specific conductance (SC) were detected. See attached Table 1 for details of field water quality trigger limit exceedances as well as the calculated discharge from each site. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. Scanned copies of the field sheets are available upon request.

b.) Field parameters will be measured again at monitoring sites in the ESJWQC region on March 6, 2012.

c.) Exceedances in pH occur occasionally and intermittently in the Coalition region and are difficult to source. The high pH exceedances experienced during this monitoring event may be due to natural conditions of the waterbodies, among other possible sources. Measurements of SC are consistently high at some sites in the ESJWQC region. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water or drain water from irrigated agricultural lands. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the ESJWQC annual Management Plan Update Report due April 1, 2013.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)