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To: Jelena Hartman <jhartman@waterboards.ca.gov>
CC: <mjniemi@tid.org>, Chris Jimmerson <cjimmerson@waterboards.ca.gov>, Francisca Johnson <fjohnson@mlj-llc.com>, Lara Reising <lreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, Michael Johnson <mjohnson@mlj-llc.com>, Parry Klassen <pklassen@unwiredbb.com>, Rachel West <rwest@mlj-llc.com>, Susan Fregien <sfregien@waterboards.ca.gov>
Date: 4/17/2012 8:55 AM
Subject: ESJWQC Field Exceedance Report-April 2012
Attachments: ESJWQC_Site_pictures_041212_Compressed.pdf; ESJ_FieldResults_Discharge_041212.xls

Dear Jelena,

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 April 12, 2012 Normal Monitoring (NM) occurred at sites in the ESJWQC region. This was considered the first storm event of 2012. Field parameters were measured during this sampling event. During this monitoring event there was one dry site (Berenda Slough @ Ave 18 ½), all other sites were sampled as contiguous waterbodies. 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 at Management Plan Monitoring (MPM) sites in the ESJWQC region on April 25, 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

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Thanks,

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| Station Name                                                                                | Station Code | Sample Date | Collection Time | Group                                                           | Discharge, cfs | pH  | SC, 700 µS/cm | Comments                                                                    |
|---------------------------------------------------------------------------------------------|--------------|-------------|-----------------|-----------------------------------------------------------------|----------------|-----|---------------|-----------------------------------------------------------------------------|
| Berenda Slough along Ave 18 1/2                                                             | 545XBAAE     | 4/12/2012   | 12:32           | Storm1                                                          |                |     |               | Dry site, no samples collected.                                             |
| Deadman Creek @ Hwy 59                                                                      | 535DMCAHF    | 4/12/2012   | 13:20           | High TSS 1-M , High TSS 1-P, Management Plan Monitoring, Storm1 | 1.68           |     |               | April Management Plan Monitoring for chlorpyrifos and Selenastrum toxicity. |
| Highline Canal @ Lombardy Rd                                                                | 535XHCAHR    | 4/12/2012   | 11:10           | High TSS 1-M , High TSS 1-P, Storm1                             | NA             |     |               | Too deep to measure discharge.                                              |
| Levee Drain @ Carpenter Rd                                                                  | 535XLDACR    | 4/12/2012   | 15:50           | High TSS 1-M , High TSS 1-P, Storm1                             | 0.2            |     | 1672          |                                                                             |
| McCoy Lateral @ Hwy 140                                                                     | 535XMLAHO    | 4/12/2012   | 14:40           | High TSS 1-M , High TSS 1-P, Storm1                             | 3.37           | 8.9 |               |                                                                             |
| Rodden Creek @ Rodden Rd                                                                    | 535XRCARD    | 4/12/2012   | 9:00            | High TSS 1-M , High TSS 1-P, Storm1                             | 2.04           |     |               |                                                                             |
| High TSS 1-P - First high TSS monitoring event for organochlorine pesticides.               |              |             |                 |                                                                 |                |     |               |                                                                             |
| High TSS 1-M - First high TSS monitoring event for metals no longer applied by agriculture. |              |             |                 |                                                                 |                |     |               |                                                                             |
| NA - Not applicable; see comments.                                                          |              |             |                 |                                                                 |                |     |               |                                                                             |