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Date: 3/12/2012 9:54 AM
Subject: ESJWQC Field Exceedance Report-March 2012
Attachments: ESJ_FieldResults_Discharge_030612.xls; ESJWQC_Site_pictures_030612_Compressed.pdf

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 March 6, 2012 Normal Monitoring (NM), Management Plan Monitoring (MPM) and sediment monitoring occurred at sites in the ESJWQC region. This was considered the third winter event of 2012. Field parameters were measured during this sampling event. During this monitoring event two sites were sampled as non-contiguous waterbodies (Berenda Slough @ Ave 18 ½ and Dry Creek @ Rd 18). Since Berenda Slough @ Ave 18 ½ was non-contiguous during this monitoring event, only sediment samples were collected at the site; there was not enough water in the slough to collect water column samples. There were two dry sites during this monitoring event (Cottonwood Creek @ Rd 20 and Highline Canal @ Hwy 99). 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 April 11 and April 18, 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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| 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     | 3/6/2012    | 10:30           | Non-Contiguous, Winter3                             | 0              | 9.1  |               | Non-contiguous waterbody. Too shallow to collect water samples. Pesticides analyzed for in toxic sediment only.                                                                               |
| Cottonwood Creek @ Rd 20                | 545XCART     | 3/6/2012    | 9:20            | Winter3                                             |                |      |               | Discharge recorded as zero due to non-contiguous waterbody. Dry site, no samples collected.                                                                                                   |
| Deadman Creek (Dutchman) @ Gurr Rd      | 535XDCAGR    | 3/6/2012    | 13:00           | Management Plan Monitoring, Winter3                 | 1.06           |      |               | March Management Plan Monitoring for chlorpyrifos, Ceriodaphnia and Pimephales toxicity.                                                                                                      |
| Deadman Creek @ Hwy 59                  | 535DMCAHF    | 3/6/2012    | 11:40           | Winter3                                             | 0.34           |      |               | Pesticides analyzed for in toxic sediment only.                                                                                                                                               |
| Dry Creek @ Rd 18                       | 545XDCARE    | 3/6/2012    | 9:50            | Management Plan Monitoring, Non-Contiguous, Winter3 | 0              |      |               | March Management Plan Monitoring for Hyalella toxicity. Non-contiguous waterbody. Pesticides analyzed for in toxic sediment only. Discharge recorded as zero due to non-contiguous waterbody. |
| Dry Creek @ Wellsford Rd                | 535XDCAWR    | 3/6/2012    | 11:50           | Management Plan Monitoring, Winter3                 | 0              | 8.63 |               | March Management Plan Monitoring for Selenastrum and Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge recorded as zero due to no measurable flow.                 |
| Duck Slough @ Gurr Rd                   | 535XDSAGR    | 3/6/2012    | 13:50           | Management Plan Monitoring, Winter3                 | 5.37           | 8.75 |               | March Management Plan Monitoring for Ceriodaphnia toxicity.                                                                                                                                   |
| Highline Canal @ Hwy 99                 | 535XHCHNN    | 3/6/2012    | 16:10           | Management Plan Monitoring, Winter3                 |                |      |               | March Management Plan Monitoring for Selenastrum, Ceriodaphnia and Hyalella toxicity. Dry site, no samples collected.                                                                         |
| Highline Canal @ Lombardy Rd            | 535XHCALR    | 3/6/2012    | 16:40           | Winter3                                             | 0              |      |               | Pesticides analyzed for in toxic sediment only. Discharge not measured due to no measurable flow.                                                                                             |
| Hilmar Drain @ Central Ave              | 535XHDACA    | 3/6/2012    | 15:40           | Management Plan Monitoring, Winter3                 | NA             |      | 1105          | March Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.                      |
| Levee Drain @ Carpenter Rd              | 535XLDACR    | 3/6/2012    | 13:30           | Winter3                                             | 0.15           |      | 1811          | Pesticides analyzed for in toxic sediment only.                                                                                                                                               |
| McCoy Lateral @ Hwy 140                 | 535XMLAHO    | 3/6/2012    | 15:10           | Winter3                                             | NA             |      |               | Pesticides analyzed for in toxic sediment only. Discharge not taken due to extremely windy and dusty weather conditions.                                                                      |
| Merced River @ Santa Fe                 | 535XMRSFD    | 3/6/2012    | 16:40           | Winter3                                             | 187            |      |               |                                                                                                                                                                                               |
| Prairie Flower Drain @ Crows Landing Rd | 535XPFDCCL   | 3/6/2012    | 15:00           | Management Plan Monitoring, Winter3                 | 0              |      | 2185          | March Management Plan Monitoring for Ceriodaphnia and Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge recorded at zero due to no measurable flow.                |
| Rodden Creek @ Rodden Rd                | 535XRCARD    | 3/6/2012    | 9:20            | Winter3                                             | 0.05           |      |               | Pesticides analyzed for in toxic sediment only.                                                                                                                                               |

NA - Not applicable; see comments.