

From: [Rachel West](#)
To: [Hartman, Jelena@Waterboards](mailto:Hartman_Jelena@Waterboards)
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Subject: ESJWQC Field Exceedance Report-December 2012
Date: Thursday, December 06, 2012 2:06:35 PM
Attachments: [ESJ_FieldResults_Discharge_120312.xls](#)
[ESJWQC_Site_pictures_120312_Compressed.pdf](#)

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 December 3, 2012 Normal Monitoring (NM) and Management Plan Monitoring (MPM) occurred at sites in the ESJWQC region. This was considered the second storm event of 2012. Field parameters were measured during sampling. Berenda Slough @ Ave 18 ½ was dry and all other sites were sampled as contiguous waterbodies. Exceedances of receiving water limitations for DO and SC occurred. 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 are scheduled to be measured again at monitoring sites in the ESJWQC region on January 8, 2013.

c.) DO exceedances are common in the Coalition region and may be due to low flow and/or high levels of biological oxygen demand in the test drains (this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. 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,

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| Station Name                    | Station Code | Sample Date | Collection Time | Group                              | Discharge, cfs | DO, 7 mg/L | SC, 700 µS/cm | Comments                                                                        |
|---------------------------------|--------------|-------------|-----------------|------------------------------------|----------------|------------|---------------|---------------------------------------------------------------------------------|
| Berenda Slough along Ave 18 1/2 | 545XSAAE     | 12/3/2012   | 12:25           | Storm2, Management Plan Monitoring | NA             |            |               | December Management Plan Monitoring for copper. Dry site, no samples collected. |
| Deadman Creek @ Hwy 59          | 535DMCAHF    | 12/3/2012   | 13:20           | Storm2                             | 2.44           |            |               |                                                                                 |
| Highline Canal @ Lombardy Rd    | 535XHCALR    | 12/3/2012   | 10:50           | Storm2                             | 7.19           |            |               |                                                                                 |
| Levee Drain @ Carpenter Rd      | 535XLDACR    | 12/3/2012   | 9:30            | Storm2                             | 0.29           | 5.22       |               |                                                                                 |
| McCoy Lateral @ Hwy 140         | 535XMLAHO    | 12/3/2012   | 14:30           | Storm2                             | 1.84           |            |               |                                                                                 |
| Rodden Creek @ Rodden Rd        | 535XRCARD    | 12/3/2012   | 12:20           | Storm2                             | 1.13           |            |               |                                                                                 |

NA - Not applicable; see comments.

Berenda Slough @ Avenue 18 ½, 12-03-2012, Facing North (upstream)



Berenda Slough @ Avenue 18 ½, 12-03-2012, Facing South (downstream)



Deadman Creek @ Hwy 59, 12-03-2012, Facing East (upstream)



Deadman Creek @ Hwy 59, 12-03-2012, Facing West (downstream)



Highline Canal @ Lombardy Rd, 12-03-2012, Facing North (upstream)



Highline Canal @ Lombardy Rd, 12-03-2012, Facing South (downstream)



Levee Drain @ Carpenter Rd, 12-03-2012, Facing East (upstream)



Levee Drain @ Carpenter Rd, 12-03-2012, Facing South (downstream)



McCoy Lateral @ Hwy 140, 12-03-2012, Facing North (upstream)



McCoy Lateral @ Hwy 140, 12-03-2012, Facing West (downstream)



Rodden Creek @ Rodden Rd, 12-03-2012, Facing North (upstream)



Rodden Creek @ Rodden Rd, 12-03-2012, Facing South (downstream)

