

**From:** Rachel West <rwest@mlj-llc.com>  
**To:** <jhartman@waterboards.ca.gov>  
**CC:** Susan Fregien <sfregien@waterboards.ca.gov>, Francisca Johnson <fjohnson@mlj-llc.com>, Lara Reising <ltreising@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>  
**Date:** 7/4/2012 9:10 AM  
**Subject:** Re: ESJWQC Field Exceedance Report-February 2012 (amended)  
**Attachments:** ESJ\_FieldResults\_Discharge\_020712\_amended.xls

Dear Jelena,

The attached excel file for the ESJWQC February 7, 2012 field exceedance report (sent on February 13, 2012) has been amended to account for the previously overlooked pH exceedance and discharge results for Deadman Creek @ Gurr Rd (see attached Table1). Please let me know if you have any questions.

Thank you,  
Rachel

On Mon, Feb 13, 2012 at 10:45 AM, Rachel West <rwest@mlj-llc.com> wrote:

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

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> Thanks,

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> Michael L. Johnson LLC  
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> Davis, CA 95618

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| Station Code | Sample Date | Collection Time | Group                                               | Discharge, cfs | ph   | SC, 700 µS/c | Comments                                                                                                                                                                                        |
|--------------|-------------|-----------------|-----------------------------------------------------|----------------|------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 535XBCAKR    | 2/7/2012    | 8:50            | Management Plan Monitoring, Winter2                 | 1.4            | 8.59 |              | February Management Plan Monitoring for copper.                                                                                                                                                 |
| 545XBAAE     | 2/7/2012    | 11:33           | Management Plan Monitoring, Winter2                 | NA             |      |              | Dry site, no samples collected. February Management Plan Monitoring for copper.                                                                                                                 |
| 545XCART     | 2/7/2012    | 10:28           | Management Plan Monitoring, Winter2                 | NA             |      |              | Dry site, no samples collected. February Management Plan Monitoring for diuron, chlorpyrifos, diazinon, and copper.                                                                             |
| 535DMCAHF    | 2/7/2012    | 12:30           | Winter2                                             | 1.26           | 8.59 |              |                                                                                                                                                                                                 |
| 535XDAGR     | 2/7/2012    | 4:48            | Management Plan Monitoring, Winter2                 | 1.18           | 8.57 |              | February Management Plan Monitoring for copper, Ceriodaphnia, Selenastrum, and Pimaphales toxicity.                                                                                             |
| 545XDARE     | 2/7/2012    | 11:00           | Management Plan Monitoring, Non Contiguous, Winter2 | 0              | 8.58 |              | Non-contiguous waterbody. February Management Plan Monitoring for chlorpyrifos, diazinon, diuron, copper, and Selenastrum toxicity. Discharge recorded as zero due to non-contiguous waterbody. |
| 535DCAWR     | 2/7/2012    | 11:20           | Management Plan Monitoring, Winter2                 | 0.41           |      |              | February Management Plan Monitoring for diuron, copper, and Selenastrum toxicity.                                                                                                               |
| 535XDSAGR    | 2/7/2012    | 14:00           | Management Plan Monitoring, Winter2                 | 0.26           |      |              | February Management Plan Monitoring for copper and Ceriodaphnia toxicity.                                                                                                                       |
| 535XDSAHN    | 2/7/2012    | 9:40            | Management Plan Monitoring, Non Contiguous, Winter2 | 0              |      |              | Non-contiguous waterbody. February Management Plan Monitoring for copper. Non-contiguous waterbody. Discharge recorded as zero due to non-contiguous waterbody.                                 |
| 535XHCHNN    | 2/7/2012    | 16:20           | Management Plan Monitoring, Winter2                 | NA             | 9.51 |              | February Management Plan Monitoring for diuron, chlorpyrifos, copper, lead, and Selenastrum toxicity. Too shallow to measure discharge.                                                         |
| 535XHCALR    | 2/7/2012    | 16:30           | Winter2                                             | 0              | 8.85 |              | Discharge recorded as zero due to no measurable flow.                                                                                                                                           |
| 535XHDACA    | 2/7/2012    | 15:20           | Management Plan Monitoring, Winter2                 | 3.54           |      | 983          | February Management Plan Monitoring for copper.                                                                                                                                                 |
| 535LTAETR    | 2/7/2012    | 12:30           | Winter2                                             | 1.42           | 9.52 |              |                                                                                                                                                                                                 |
| 535XLDACR    | 2/7/2012    | 13:40           | Winter2                                             | 0.45           |      | 1905         |                                                                                                                                                                                                 |
| 535XLDARA    | 2/7/2012    | 15:10           | Management Plan Monitoring, Winter2                 | 0.83           |      |              | February Management Plan Monitoring for lead, copper, and Selenastrum toxicity.                                                                                                                 |
| 535XMRSFD    | 2/7/2012    | 17:10           | Winter2                                             | 170            |      |              |                                                                                                                                                                                                 |
| 535XMLAHO    | 2/7/2012    | 14:51           | Winter2                                             | NA             |      |              | Dry site, no samples collected.                                                                                                                                                                 |
| 535XPFDCL    | 2/7/2012    | 14:40           | Management Plan Monitoring, Winter2                 | 0              |      | 2231         | February Management Plan Monitoring for Selenastrum toxicity. Discharge recorded as zero due to no measurable flow.                                                                             |
| 535XRCARD    | 2/7/2012    | 9:30            | Winter2                                             | 0.47           |      |              |                                                                                                                                                                                                 |