

From: Rachel West <rwest@mlj-llc.com>
To: Susan Fregien <sfregien@waterboards.ca.gov>
CC: Chris Jimmerson <cjimmerson@waterboards.ca.gov>, Francisca Johnson <fjoh...>
Date: 1/17/2012 8:58 AM
Subject: Re: ESJWQC Field Exceedance Report- January 2012

Dear Susan,

I just wanted to clarify that the field exceedance report sent yesterday includes field results for Lateral 3 along East Taylor Rd (sampled as Yori Grove @ East Taylor Rd in 2011) and Levee Drain @ Carpenter Rd. The Coalition sent a request on December 28, 2011 to drop the Yori Grove drain @ East Taylor Rd Assessment Monitoring location from the Coalition's monitoring plan and to add a more representative sampling location at Levee Drain @ Carpenter Rd. Since the request to move the Assessment Monitoring location has not been approved yet, both Lateral 3 along East Taylor Rd and Levee Drain @ Carpenter Rd were sampled during the January 2012 monitoring event.

Please let me know if you have any questions.

Thanks,
Rachel

Please let me know if you have any questions.

On Mon, Jan 16, 2012 at 8:54 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 January 10, 2012 Normal Monitoring (NM) and Management Plan
> Monitoring (MPM) occurred at sites in the ESJWQC region. This was
> considered the first winter event of 2012. Field parameters were
> measured during this sampling event. During this monitoring event five
> sites were sampled as non contiguous waterbodies (Bear Creek @ Kibby Rd,
> Berenda Slough along Ave 18 1/2, Deadman Creek @ Gurr Rd, Dry Creek @ Rd 18
> and Livingston Drain @ Robin Ave). There were three dry sites during
> this monitoring event (Cottonwood Creek @ Rd 20, Duck Slough @ Gurr Rd and
> McCoy Lateral @ Hwy 140). Exceedances of receiving water limitations for
> dissolved oxygen (DO), 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 February 7, 2012.
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> 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). 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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> Rachel C. West
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> Davis, CA 95618

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