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Cc: [Francisca Johnson](#); [Lara Reising](#); [Melissa Turner](#); [Michael Johnson](#); [Michael Niemi](#); [Parry Klassen](#); [Rachel West](#); [Fregien, Susan@Waterboards](mailto:Fregien_Susan@Waterboards)
Subject: ESJWQC Water Toxicity Exceedance Report-September 2012
Date: Tuesday, September 18, 2012 10:29:23 AM
Attachments: [ESJWQC 12 September ER Toxicity table 091112.doc](#)

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 September 11, 2012, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the ESJWQC region. Water was collected for analysis of water column toxicity. Toxicity to *Selenastrum capricornutum* occurred in the grab sample collected from Highline Canal @ Lombardy Rd. See attached Table 1 for details on this exceedance. Site pictures and flow data for all sites sampled during this event were provided to the CVRWQCB by email on September 13, 2012, and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mj-llc.com/MLJ-DB/database/forms/allitems.aspx>, username: ftpuser@aqualab.mj-llc.com, password: Aqua2011!).

b.) Highline Canal @ Lombardy Rd was monitored for Assessment Monitoring constituents during the September sampling event. Assessment Monitoring is scheduled to take place again at Highline Canal @ Lombardy Rd on October 9, 2012.

c.) Samples collected from this location have tested toxic to *Selenastrum capricornutum* prior to this event in August 2005, March 2006, February 2007, May 2008 and April 2011. Since algae growth was less than 50% compared to the control, a TIE is being initiated. When results from the chemistry laboratory arrive the Coalition will report any chemistry exceedances at that time. All new exceedances requiring management plans as well as MPM results will be evaluated in the ESJWQC Annual Management Plan Update Report to be submitted on April 1, 2013.

Mike Johnson

Thanks,

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**Table 1.** Water column toxicity in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) in ESJWQC receiving waters on September 11, 2012.

| Sample Site                  | Sample Date | Sample Type | <i>Selenastrum capricornutum</i> |
|------------------------------|-------------|-------------|----------------------------------|
|                              |             |             | (% growth relative to control)   |
| Highline Canal @ Lombardy Rd | 09-11-2012  | NM          | 45                               |

NM – Normal Monitoring