

From: [Kendall Story](#)
To: [Hartman, Jelena@Waterboards](mailto:Hartman_Jelena@Waterboards)
Cc: mjniemi@tid.org; [Francisca Johnson](#); [Lara Reising](#); [Melissa Turner](#); [Michael Johnson](#); [Parry Klassen](#); [Rachel West](#); [Fregien, Susan@Waterboards](mailto:Fregien_Susan@Waterboards)
Subject: ESJWQC nutrient, inorganics and metals Exceedance Report- July 2012
Date: Monday, August 27, 2012 10:20:31 AM
Attachments: [ESJWQC_ER_12_E.coli_Nutrients_Inorganics_July_071012.xls](#)

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 exceedance.

a.) On July 10, 2012, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the ESJWQC region. Water was collected for the analysis of physical parameters, nutrients and metals. Final data for this event were received from the laboratory on August 21, 2012. Exceedances of receiving water limitations for total dissolved solids (TDS), dissolved copper and nitrate-nitrite occurred. Details on the sites and constituents sampled and associated exceedances are provided in an excel spreadsheet attached to this email. Raw data are available upon request. Site pictures and flow data from this event were provided by email on July 16, 2012, and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/MLJ-DB/database/forms/allitems.aspx>, username: ftpuser@aqualab.mlj-llc.com, password: Aqua2011!).

b.) Sampling occurred at sites in the ESJWQC region again on August 14, 2012.

c.) 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.

Michael Johnson

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Monitoring Type	Site Name	Station Code	Sample Date	TDS, (450 mg/L)	Copper, Dissolved (based on hardness)	Nitrate-Nitrite, as N (10 mg/L)
NM, MPM	Berenda Slough along Ave 18 1/2	545XBSAAE	7/10/2012		4.80 (3.02)	
NM	Levee Drain @ Carpenter Rd	535XLDACR	7/10/2012	1000		13

MPM-Management Plan Monitoring

NM- Normal Monitoring

Monitoring Type	Site Name	Station Code	Sample Date	TDS, (450 mg/L)	Ammonia, (1.5 mg/L or variable based on pH/temp)
NM, MPM	Berenda Slough along Ave 18 1/2	545XBSAAE	7/10/2012		
NM	Deadman Creek @ Hwy 59	535DMCAHF	7/10/2012		
NM	Highline Canal @ Lombardy Rd	535XHCALR	7/10/2012		
NM	Levee Drain @ Carpenter Rd	535XLDACR	7/10/2012	1000	
NM	McCoy Lateral @ Hwy 140	535XMLAHO	7/10/2012		
NM	Rodden Creek @ Rodden Rd	535XRCARD	7/10/2012		
NM	Rodden Creek @ Rodden Rd-FD	535XRCARD	7/10/2012		

FD- field duplicate

J- estimated value; between laboratory reporting limit and minimum detection limit

MPM-Management Plan Monitoring

NM- Normal Monitoring

Copper, Dissolved (based on hardness)	Zinc , Dissolved (based on hardness)	Copper, Total (1,300 ug/L)	Nitrate- Nitrite, as N (10 mg/L)
4.80 (3.02)			
			13

StationCode	Ammonia	pH	Water Temp				Ammonia
545XBSAAE	0.000	7.67	21.40	0.028252	1.269266	1.828808	2.372911
535DMCAHF	1.100	7.69	23.30	0.028916	1.240637	1.617961	2.054087
535XHCALR	0.000	8.20	19.70	0.044126	0.585056	2.040648	1.28394
535XLDACR	0.200	7.65	27.31	0.027589	1.297867	1.249361	1.655973
535XMLAHO	0.120	8.12	23.70	0.042122	0.671444	1.576769	1.125128
535XRCARD	0.000	7.84	17.40	0.033848	1.028086	2.366835	2.513423
535XRCARD-FD	0.000	7.84	17.40	0.033848	1.028086	2.366835	2.513423

***Ammonia limit 1.5 mg/L or variable for pH above 7.6**

maximum (early life stages absent)

FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

StationCode	Hardness	Copper	Zinc	Copper	Copper E	Zinc Limit	Zinc Exc
545XBAAE	28.00	4.80	0.50	3.0179	TRUE	40.17633	FALSE
535DMCAHF	100.00	4.20	1.50	8.9558	FALSE	118.139	FALSE
535XHCALR	14.00	0.43	0.00	1.669	FALSE	22.33097	FALSE
535XLDACR	340.00	3.20	0.70	25.483	FALSE	333.2079	FALSE
535XMLAHO	44.00	1.90	0.80	4.4405	FALSE	58.92379	FALSE
535XRCARD	26.00	0.44	1.30	2.8327	FALSE	37.73116	FALSE
535XRCARD-FD	25.00	0.43	0.00	2.7393	FALSE	36.49789	FALSE

*WQTL calculated based off of hardness for dissolved metals

NT - not tested, refer to comment

Cadmium - 5 ug/L

Copper 1,300 ug/L

Lead - 15 ug/L

Nickel - 100 ug/L

***Dissolved Metals are calculated here.**