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Subject: ESJWQC E.coli, nutrient, inorganics and metals Exceedance Report - October 2012
Date: Friday, November 16, 2012 1:47:22 PM
Attachments: [ESJWQC_ER_12_E.coli_Nutrients_Inorganics_October_100912.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 October 9, 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 November 16, 2012. Exceedances of receiving water limitations for total dissolved solids (TDS) and nitrate 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 October 12, 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 November 13, 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

Thanks,

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| Monitoring Type | Site Name                  | Station Code | Sample Date | TDS, (450 mg/L) | Nitrate-Nitrite, as N (10 mg/L) |
|-----------------|----------------------------|--------------|-------------|-----------------|---------------------------------|
| NM              | Levee Drain @ Carpenter Rd | 535XLDACR    | 10/9/2012   | 1300            | 19                              |

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    | 10/9/2012   |                 |                                                  |
| NM              | Deadman Creek @ Hwy 59          | 535DMCAHF    | 10/9/2012   |                 |                                                  |
| NM              | Highline Canal @ Lombardy Rd    | 535XHCALR    | 10/9/2012   |                 |                                                  |
| NM              | Levee Drain @ Carpenter Rd      | 535XLDACR    | 10/9/2012   | 1300            |                                                  |
| NM, MPM         | McCoy Lateral @ Hwy 140         | 535XMLAHO    | 10/9/2012   |                 |                                                  |
| NM              | Rodden Creek @ Rodden Rd        | 535XRCARD    | 10/9/2012   |                 |                                                  |
| NM              | Rodden Creek @ Rodden Rd-FD     | 535XRCARD    | 10/9/2012   |                 |                                                  |

FD- field duplicate

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

MPM-Management Plan Monitoring

NM- Normal Monitoring

NT   NT-Not Tested, analysis not a part of the monitoring plan for this site

| Copper,<br>Dissolved<br>(based on<br>hardness) | Zinc ,<br>Dissolved<br>(based on<br>hardness) | Copper,<br>Total (1,300<br>ug/L) | Nitrate-<br>Nitrite, as N<br>(10 mg/L) |
|------------------------------------------------|-----------------------------------------------|----------------------------------|----------------------------------------|
| DRY                                            |                                               |                                  |                                        |
|                                                |                                               |                                  |                                        |
|                                                |                                               |                                  | 19                                     |
| DRY                                            |                                               |                                  |                                        |
|                                                |                                               |                                  |                                        |
|                                                |                                               |                                  |                                        |

| StationCode  | Hardness as | Copper | Zinc | Copper Limit | Copper Exc | Zinc Limit  | Zinc Exc |
|--------------|-------------|--------|------|--------------|------------|-------------|----------|
| 535DMCAHF    | 120.00      | 0.60   | 0.00 | 10.46555826  | FALSE      | 137.8743591 | FALSE    |
| 535XHCALR    | 13.00       | 0.40   | 0.00 | 1.566630652  | FALSE      | 20.97188364 | FALSE    |
| 535XLDACR    | 430.00      | 3.60   | 0.00 | 31.14589536  | FALSE      | 406.5660022 | FALSE    |
| 535XRCARD    | 24.00       | 0.33   | 0.00 | 2.645407198  | FALSE      | 35.25707034 | FALSE    |
| 535XRCARD-FD | 23.00       | 0.32   | 0.00 | 2.550929527  | FALSE      | 34.00832422 | 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.**

| StationCode  | Ammonia | pH   | Water Temp |          |          |          | Ammonia  |
|--------------|---------|------|------------|----------|----------|----------|----------|
| 535DMCAHF    | 0.180   | 7.81 | 17.60      | 0.032876 | 1.06998  | 2.336512 | 2.576837 |
| 535XHCALR    | 0.000   | 8.46 | 17.40      | 0.049357 | 0.359621 | 2.366835 | 0.967982 |
| 535XLDACR    | 0.130   | 7.36 | 18.00      | 0.018445 | 1.691959 | 2.277026 | 3.894635 |
| 535XRCARD    | 0.000   | 8.07 | 13.80      | 0.040779 | 0.729346 | 2.985163 | 2.298947 |
| 535XRCARD-FD | 0.000   | 8.07 | 13.80      | 0.040779 | 0.729346 | 2.985163 | 2.298947 |

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

**maximum (early life stages absent)**

FALSE  
FALSE  
FALSE  
FALSE  
FALSE