

APPENDIX V

EXCEEDANCE REPORTS

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## SJCDWQC EXCEEDANCE REPORTS 2011

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**Sent: Tuesday, January 18, 2011 at 10:44 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu), Kendall Story <kstory@mlj-llc.com>

**Subject:** SJCDWQC Field Exceedance Report-January 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_011111.xls;  
SJCDWQC\_Site\_Pics\_011111\_compressed.pdf

Dear Chris,

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 January 11, 2011 normal monitoring (NM) was conducted at sites in the SJCDWQC region. The toxicity laboratory was unable to receive Pimephales promelas test organisms in time to conduct the P. promelas toxicity test within the sample hold time (36 hours). Therefore, additional samples were collected two days later on January 13, 2011 and tested for P. promelas toxicity on January 14, 2011. Both the Ceriodaphnia dubia and Selenastrum capricornutum analysis were conducted on the January 11th samples. As part of the monitoring conducted on January 11, 2011, additional samples were collected for chlorpyrifos and diazinon for the Department of Pesticide Regulation (DPR) grant to reduce the impact of agricultural discharge on water quality. The DPR grant monitoring will continue through February 2011. During sampling, field parameters were measured on both January 11 and 13, 2011. Exceedances of receiving water limitations for pH and specific conductance (SC) were detected during this sampling event. There were no dry sites during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured again at these sites during the next monitoring event scheduled for February 8, 2011.

c.) Exceedances in pH occur occasionally and intermittently in the Coalition region and are difficult to source. The low pH exceedance experienced during this monitoring event may be due to natural conditions of the water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,  
~~~~~

Rachel C. West  
Environmental Scientist  
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632 Cantrill Drive  
Davis, CA 95618

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rwest@mjl-llc.com

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_011111.xls

| Station Name                                    | Station Code | Sample Date | Collection Time | Group                               | Discharge, cfs | pH | SC, $\mu\text{S/cm}$ | Comments                                                                                                                                     |
|-------------------------------------------------|--------------|-------------|-----------------|-------------------------------------|----------------|----|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Bear Creek @ North Alpine Rd                    | 531BCANAR    | 1/11/2011   | 9:10            | Winter1                             | 10.79          |    |                      |                                                                                                                                              |
| Duck Creek @ Hwy 4                              | 531XDCAHF    | 1/11/2011   | 10:30           | Winter1                             | 3.72           |    |                      | January DPR grant monitoring for diazinon and chlorpyrifos.                                                                                  |
| French Camp Slough @ Airport Way                | 531SJC504    | 1/11/2011   | 14:00           | Winter1                             | 204.31         |    |                      |                                                                                                                                              |
| Grant Line Canal @ Clifton Court Rd             | 544XGLCAA    | 1/11/2011   | 10:20           | Management Plan Monitoring, Winter1 | 1.43           |    | 844                  | January Management Plan Monitoring for chlorpyrifos and Selenastrum toxicity.                                                                |
| Grant Line Canal near Calpack Rd                | 544XGLCCR    | 1/11/2011   | 11:10           | Management Plan Monitoring, Winter1 | NA             |    | 1574                 | January Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.                         |
| Littlejohns Creek @ Jack Tone Rd                | 531XLCAJR    | 1/11/2011   | 11:10           | Winter1                             | NA             |    |                      | January DPR grant monitoring for diazinon and chlorpyrifos. Too deep to take discharge.                                                      |
| Lone Tree Creek @ Jack Tone Rd                  | 531XLTCJR    | 1/11/2011   | 12:10           | Management Plan Monitoring, Winter1 | 1.31           |    |                      | January Management Plan Monitoring for chlorpyrifos, diazinon, diuron, copper, and Selenastrum toxicity.                                     |
| Mokelumne River @ Bruella Rd                    | 531XMRABR    | 1/11/2011   | 8:00            | Winter1                             | NA             |    |                      | Too deep to take discharge.                                                                                                                  |
| Roberts Island Drain @ Holt Rd                  | 544RIDAHT    | 1/11/2011   | 12:20           | Winter1                             | 5.28           |    | 1052                 |                                                                                                                                              |
| Sand Creek @ Hwy 4 Bypass                       | 544SCAHFB    | 1/11/2011   | 9:10            | Management Plan Monitoring, Winter1 | 0.41           |    | 2086                 | January Management Plan Monitoring for diazinon.                                                                                             |
| Terminus Tract Drain @ Hwy 12                   | 544XTTHWT    | 1/11/2011   | 8:00            | Management Plan Monitoring, Winter1 | 46.35          |    | 1963                 | January Management Plan Monitoring for Selenastrum toxicity.                                                                                 |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 531UDLTAJ    | 1/11/2011   | 11:40           | Management Plan Monitoring, Winter1 | 0.93           |    |                      | January Management Plan Monitoring for chlorpyrifos, diuron, simazine, Ceriodaphnia toxicity, and January DPR grant monitoring for diazinon. |

| Station Name                     | Station Code | Sample Date | Collection Time | Group   | Discharge, cfs | pH   | SC, $\mu\text{S/cm}$ | Comments                                                |
|----------------------------------|--------------|-------------|-----------------|---------|----------------|------|----------------------|---------------------------------------------------------|
| Walthall Slough @ Woodward Ave   | 544WSAWAV    | 1/11/2011   | 13:50           | Winter1 | 0              |      | 750                  | Discharge recorded as zero due to no measurable flow.   |
| Bear Creek @ North Alpine Rd     | 531BCANAR    | 1/13/2011   | 12:10           | Winter1 | NA             | 5.82 |                      | Discharge not measured due to toxicity monitoring only. |
| French Camp Slough @ Airport Way | 531SJC504    | 1/13/2011   | 11:40           | Winter1 | NA             | 4.63 |                      | Discharge not measured due to toxicity monitoring only. |
| Mokelumne River @ Bruella Rd     | 531XMRABR    | 1/13/2011   | 12:40           | Winter1 | NA             |      |                      | Discharge not measured due to toxicity monitoring only. |
| Roberts Island Drain @ Holt Rd   | 544RIDAHT    | 1/13/2011   | 11:00           | Winter1 | NA             | 6.03 | 1769                 | Discharge not measured due to toxicity monitoring only. |

NA - Not applicable; see comments.

**Sent: Friday, February 11, 2011 at 4:58 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>, Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC Field Exceedance Report-February 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_020811.xls;  
SJCDWQC\_Site\_Pics\_020811\_compressed.pdf

Dear Chris,

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 February 8, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. Additional samples were collected for chlorpyrifos and diazinon as part of a Department of Pesticide Regulation (DPR) grant to reduce the impact of agricultural discharge on water quality. The DPR grant monitoring continued through February 2011. During sampling, field parameters were measured. Exceedances of receiving water limitations for pH and specific conductance (SC) were detected during this sampling event. Kellogg Creek along Hoffman Ln was dry and Duck Creek @ Hwy 4 was sampled as a non contiguous water body during this monitoring event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured again at these sites during the next monitoring event scheduled for March 8, 2011.

c.) Exceedances in pH occur occasionally and intermittently in the Coalition region and are difficult to source. The high and low pH exceedances experienced during this monitoring event may be due to natural conditions of the water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
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Davis, CA 95618

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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_020811.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	pH	SC, $\mu$ S/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	2/8/2011	9:00	Winter2	4.04			
Duck Creek @ Hwy 4	531XDCAHF	2/8/2011	10:20	Management Plan Monitoring, Non Contiguous, Winter2	0			February Management Plan Monitoring for diazinon and Selenastrum toxicity. DPR grant monitoring for chlorpyrifos. Non contiguous water body. Discharge recorded as zero due to non contiguous water body.
French Camp Slough @ Airport Way	531SJC504	2/8/2011	14:00	Winter2	9.18	9.28		
Grant Line Canal @ Clifton Court Rd	544XGLCAA	2/8/2011	10:10	Management Plan Monitoring, Winter2	0		1975	February Management Plan Monitoring for chlorpyrifos. Discharge recorded as zero due to no measurable flow.
Grant Line Canal near Calpack Rd	544XGLCCR	2/8/2011	10:40	Management Plan Monitoring, Winter2	NA		1435	February Management Plan Monitoring for Seleastrum toxicity. Discharge not measured due to toxicity monitoring only.
Kellogg Creek along Hoffman Ln	544XKCAHL	2/8/2011	9:24	Management Plan Monitoring, Winter2	NA			February Management Plan Monitoring for chlorpyrifos, copper, and Ceriodaphnia toxicity. Dry site, no samples collected.
Littlejohns Creek @ Jack Tone Rd	531XLCAJR	2/8/2011	11:00	Management Plan Monitoring, Winter2	0	8.96		February Management Plan Monitoring for copper, diazinon, and chlorpyrifos. Discharge recorded as zero due to no measurable flow.

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	pH	SC, $\mu\text{S}/\text{cm}$	Comments
Lone Tree Creek @ Jack Tone Rd	531XLTCLR	2/8/2011	12:10	Management Plan Monitoring, Winter2	0	9.09		February Management Plan Monitoring for chlorpyrifos, diazinon, diuron, copper, and Selenastrum toxicity. Discharge recorded as zero due to no measurable flow.
Mokelumne River @ Bruella Rd	531XMRABR	2/8/2011	8:00	Winter2	NA			Too deep to take discharge.
Roberts Island Drain @ Holt Rd	544RIDAHT	2/8/2011	11:40	Winter2	6.39		1074	
Terminus Tract Drain @ Hwy 12	544XTTHWT	2/8/2011	8:00	Management Plan Monitoring, Winter2	18.25		1345	February Management Plan Monitoring for Selenastrum toxicity.
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	2/8/2011	11:30	Management Plan Monitoring, Winter2	NA			February Management Plan Monitoring for chlorpyrifos, diuron, simazine, Ceriodaphnia and Selenastrum toxicity. DPR grant monitoring for diazinon. Too shallow to take discharge.
Walthall Slough @ Woodward Ave	544WSAWAV	2/8/2011	14:10	Winter2	0			Discharge recorded as zero due to no measurable flow.

NA - Not applicable; see comments.

**Sent: Wednesday, March 2, 2011 at 8:16 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>, Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC E. coli and inorganics Exceedance Report-January 2011

**Attachments:** ESJWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_January\_011811.xls

Dear Chris,

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 January 11, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on February 28, 2011. Exceedances of the receiving water limitation for E. coli and total dissolved solids (TDS) were experienced. All sites were contiguous water bodies during this sampling event. Details on the sites, constituents sampled, and the 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 submitted on January 18, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites again on February 8, 2011 in the SJCDWQC region.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~

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Environmental Scientist  
Michael L. Johnson LLC  
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Davis, CA 95618

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**Sent: Wednesday, March 2, 2011 at 8:23 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>,

Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu), Kendall Story <kstory@mlj-llc.com>

**Subject:** Re: SJCDWQC E. coli and inorganics Exceedance Report-January 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Inorganics\_January\_011111.xls

Hello,

I appologize, I attached the wrong file to the email sent earlier. Please see the correct excel file attached to this email.

Thanks,  
Rachel

~~~~~  
Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
rwest@mlj-llc.com

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Inorganics\_January\_011111.xls

Site Name	Monitoring Type	Station Code	Sample Date	E. Coli, (235 MPN/100)	TDS, (450 mg/L)
Terminus Tract Drain @ Hwy 12	NM	544XTTHWT	1/11/2011		1100
Roberts Island Drain @ Holt Rd	NM	544RIDAHT	1/11/2011	>2400	620
Walthall Slough @ Woodward Ave	NM	544WSAWAV	1/11/2011		460

NM- normal monitoring

--

**Sent: Wednesday, June 29, 2011 at 10:35 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvrangir@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu), Kendall Story <kstory@mlj-llc.com>

**Subject:** SJCDWQC Arsenic Exceedance Report-January 2011

**Attachments:** SJCDWQC\_11\_January\_ER\_111111\_arsenic\_table.doc

Dear Chris,

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 January 11, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on February 28, 2011. Upon initial review, an

exceedance of receiving water limitations for arsenic was overlooked in the grab sample collected from Roberts Island Drain @ Holt Rd (NM) (see attached Table 1). This exceedance report is being sent to account for the arsenic exceedance at Roberts Island Drain @ Holt Rd (NM) that was not recorded in the original exceedance report sent on March 2, 2011. Raw data are available upon request. Site pictures and flow data from this event were provided by email on January 18, 2011, and are also available on the MLJ-LLC Sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Roberts Island Drain is a Core Monitoring location and is monitored monthly for Assessment Monitoring constituents during 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~

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 Michael L. Johnson LLC  
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**Table 1.** Water sample exceedances in samples collected during normal monitoring (NM) and Management Plan Monitoring (MPM) for SJCDWQC receiving waters on January 11, 2011.

| Sample Site                    | Sample Date | Season   | Sample Type | Arsenic (µg/L) |
|--------------------------------|-------------|----------|-------------|----------------|
| Roberts Island Drain @ Holt Rd | 1/11/2011   | Winter 1 | NM          | 12             |

**Sent: Sunday, March 13, 2011 at 12:09 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <tprichard@ucdavis.edu>, Kendall Story <kstory@mlj-llc.com>

**Subject:** SJCDWQC Pesticide Exceedance Report-January 2011

**Attachments:** SJCDWQC\_11\_January\_ER\_Pesticides\_table\_011111.doc

Dear Chris,

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 January 11, 2011, Normal Monitoring (NM), Management Plan Monitoring (MPM) and additional Department of Pesticide Regulation (DPR) grant monitoring were conducted in the SJCDWQC region. All sites with

exceedances were sampled as contiguous water bodies during this monitoring event. Finalized data were received from the organics laboratory on March 9, 2011. Exceedance level detections of chlorpyrifos and Malathion were experienced during this monitoring event. See attached Table 1 for details on this exceedance. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on January 18, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region on February 8, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
 Environmental Scientist  
 Michael L. Johnson LLC  
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 Davis, CA 95618

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 rwest@mlj-llc.com

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM), Management Plan Monitoring (MPM) and additional chlorpyrifos and diazinon monitoring for the Department of Pesticide Regulation (DPR) grant on January 11, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

Sample Site	Sample Date	Season	Sample Type	Chlorpyrifos, 0.015 µg/L	Malathion, 0 µg/L
Bear Creek @ North Alpine	1-11-2011	Winter1	NM	0.110	0.100
Roberts Island Drain @ Holt Rd	1-11-2011	Winter1	NM	0.016	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	1-11-2011	Winter1	MPM, DPR	0.020	

DPR- Department of Pesticide Regulation grant monitoring  
 MPM-Management Plan Monitoring  
 NM-Normal Monitoring

**Sent: Sunday, March 13, 2011 at 1:40 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachelle Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>, Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC Field Exceedance Report-March 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_030811.xls;  
SJCDWQC\_Site\_Pics\_030811\_compressed.pdf

Dear Chris,

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 March 8, 2011 normal monitoring (NM), Management Plan Monitoring (MPM) and sediment monitoring were conducted at sites in the SJCDWQC region. During sampling, field parameters were measured. Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. All sites were sampled as contiguous waterbodies during this monitoring event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured again at these sites during the next monitoring event scheduled for April 12, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. Exceedances in pH occur occasionally and intermittently in the Coalition region and are difficult to source. The high pH exceedance experienced during this monitoring event may be due to natural conditions of the water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
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**Table 1.** SJCDWQC\_FieldResults\_Discharge\_030811.xls

| Station Name                        | Station Code | Sample Date | Collection Time | Group                               | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 µS/cm | Comments                                                                                                                                                                                              |
|-------------------------------------|--------------|-------------|-----------------|-------------------------------------|----------------|------------|-------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bear Creek @ North Alpine Rd        | 531BCANAR    | 3/8/2011    | 9:30            | Winter3                             | 31.31          |            |                   |               | Pesticides analyzed for in toxic sediment only.                                                                                                                                                       |
| French Camp Slough @ Airport Way    | 531SJC504    | 3/8/2011    | 15:00           | Winter3                             | NA             |            |                   |               | Pesticides analyzed for in toxic sediment only. Too deep to take discharge.                                                                                                                           |
| Grant Line Canal @ Clifton Court Rd | 544XGLCAA    | 3/8/2011    | 12:20           | Management Plan Monitoring, Winter3 | 0              |            |                   | 1972          | March Management Plan Monitoring for chlorpyrifos and Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge recorded as zero due to no measurable flow.                        |
| Grant Line Canal near Calpack Rd    | 544XGLCCR    | 3/8/2011    | 13:20           | Management Plan Monitoring, Winter3 | 0              |            |                   | 1586          | March Management Plan Monitoring for chlorpyrifos, Ceriodaphnia toxicity and Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge recorded as zero due to no measurable flow. |
| Kellogg Creek along Hoffman Ln      | 544XKCAHL    | 3/8/2011    | 10:10           | Management Plan Monitoring, Winter3 | 0.36           |            |                   | 740           | March Management Plan Monitoring for Ceriodaphnia dubia toxicity and Hyalella toxicity. Pesticides analyzed for toxic sediment only.                                                                  |

| Station Name                     | Station Code | Sample Date | Collection Time | Group                               | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 µS/cm | Comments                                                                                                                                                                                 |
|----------------------------------|--------------|-------------|-----------------|-------------------------------------|----------------|------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Littlejohns Creek @ Jack Tone Rd | 531XLCAJR    | 3/8/2011    | 11:00           | Management Plan Monitoring, Winter3 | NA             |            |                   |               | March Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.                                                                       |
| Lone Tree Creek @ Jack Tone Rd   | 531XLTCJR    | 3/8/2011    | 12:20           | Management Plan Monitoring, Winter3 | NA             |            | 9.14              |               | March Management Plan Monitoring for Selenastrum toxicity and Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to toxicity monitoring only. |
| Mokelumne River @ Bruella Rd     | 531XMRABR    | 3/8/2011    | 8:00            | Winter3                             | NA             |            |                   |               | Pesticides analyzed for in toxic sediment only. Too deep to take discharge.                                                                                                              |
| Roberts Island Drain @ Holt Rd   | 544RIDAHT    | 3/8/2011    | 14:20           | Winter3                             | 4.44           |            |                   | 1287          | Pesticides analyzed for toxic sediment only.                                                                                                                                             |
| Sand Creek @ Hwy 4 Bypass        | 544SCAHFB    | 3/8/2011    | 9:30            | Management Plan Monitoring, Winter3 |                |            |                   | 2213          | March Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only.                                                                                  |

| Station Name                                    | Station Code | Sample Date | Collection Time | Group                               | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 µS/cm | Comments                                                                                                                                                                                 |
|-------------------------------------------------|--------------|-------------|-----------------|-------------------------------------|----------------|------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sand Creek @ Hwy 4 Bypass                       | 544SCAHFB    | 3/8/2011    | 9:30            | Management Plan Monitoring, Winter3 | 0              |            |                   |               | March Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge recorded as zero due to no measurable flow.                            |
| Terminus Tract Drain @ Hwy 12                   | 544XTTHWT    | 3/8/2011    | 8:00            | Winter3                             | 17.2           | 6.85       |                   | 1836          |                                                                                                                                                                                          |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 531UDLTAJ    | 3/8/2011    | 11:40           | Management Plan Monitoring, Winter3 |                |            |                   | 718           | March Management Plan Monitoring for Selenastrum toxicity and Hyalella toxicity. Pesticides analyzed for in toxic sediment only.                                                         |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 531UDLTAJ    | 3/8/2011    | 11:40           | Management Plan Monitoring, Winter3 | NA             |            |                   |               | March Management Plan Monitoring for Selenastrum toxicity and Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to toxicity monitoring only. |
| Walthall Slough @ Woodward Ave                  | 544WSAWAV    | 3/8/2011    | 16:00           | Winter3                             | 0              |            |                   | 760           | Discharge recorded as zero due to no measurable flow.                                                                                                                                    |

NA - Not applicable; see comments.

**Sent: Monday, March 14, 2011 at 9:03 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>, Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC Water Toxicity Exceedance Report-January 2011

**Attachments:** SJCDWQC\_11\_January\_ER\_Toxicity\_Table\_011111.doc

Dear Chris,

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 January 11, 2011, normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Toxicity to *Selenastrum capricornutum* occurred in samples collected from Grant Line Canal near Calpack Rd (MPM) during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites sampled during this event were provided to the CVRWQCB by email on January 18, 2011 and are also available on the MLJ-LLC Sharepoint (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Grant Line Canal near Calpack Rd was sampled again for *Selenastrum capricornutum* toxicity in February 2011.

c.) Actions taken to address toxicity are discussed in the SJCDWQC Management Plan Update Report including schedules and rationale for MPM. Grant Line Canal near Calpack Rd is being monitored as a high priority MPM location during 2011. Management Plan Monitoring is currently scheduled for *Selenastrum capricornutum* toxicity at this location in January, February, April, May and July of 2011 based on previous toxicities. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

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Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Water sample toxicity in samples collected during normal monitoring (NM) and management plan monitoring (MPM) for SJCDWQC receiving waters on January 11, 2011.

Sample Site	Sample Date	Sample Type	<i>Selenastrum capricornutum</i> (% growth relative to control)
Grant Line Canal near Calpack Rd	1/11/2011	MPM	53%

**Sent: Monday, March 28, 2011 at 4:28 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>, Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC E.coli, nutrient, inorganics and metals Exceedance Report-February 2011

**Attachments:** SJCDWQC\_ER\_11\_Nutrients\_Inorganics\_February\_020811.xls

Dear Chris,

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 February 8, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on March 23, 2011. Exceedances of the receiving water limitation for total dissolved solids (TDS) were experienced. Kellogg Creek along Hoffman Ln was the only dry site during this monitoring event. All sites that were sampled were contiguous water bodies. Details on the sites, constituents sampled, and the 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 submitted on February 11, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites again on March 8, 2011 in the SJCDWQC region.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

| Site Name                      | Monitoring Type | Station Code | Sample Date | TDS, (450 mg/L) |
|--------------------------------|-----------------|--------------|-------------|-----------------|
| Terminus Tract Drain @ Hwy 12  | NM              | 544XTTHWT    | 2/8/2011    | 840             |
| Roberts Island Drain @ Holt Rd | NM              | 544RIDAHT    | 2/8/2011    | 630             |

NM- normal monitoring

**Sent: Wednesday, March 30, 2011 at 2:37 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>, Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC-Pesticide Exceedance Report-February 2011

**Attachments:** SJCDWQC\_11\_February\_ER\_Pesticides\_table\_020811.doc

Dear Chris,

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 February 8, 2011, Normal Monitoring (NM), Management Plan Monitoring (MPM) and additional Department of Pesticide Regulation (DPR) grant monitoring were conducted in the SJCDWQC region. All sites with exceedances were sampled as contiguous water bodies during this monitoring event. Finalized data were received from the organics laboratory on March 29, 2011. An exceedance level detection of chlorpyrifos was experienced in the grab sample collected from Roberts Island Drain @ Holt Rd during this monitoring event. See attached Table 1 for details on this exceedance. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on February 11, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region on March 8, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

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Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM), Management Plan Monitoring (MPM) and additional chlorpyrifos and diazinon monitoring for the Department of Pesticide Regulation (DPR) grant on February 8, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

Sample Site	Sample Date	Season	Sample Type	Chlorpyrifos, 0.015 µg/L
Roberts Island Drain @ Holt Rd	2-08-2011	Winter2	NM	0.016

NM-Normal Monitoring

**Sent: Friday, April 15, 2011 at 8:49 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rivranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Field Exceedance Report-April 2011

**Attachments:** SJCDWQC\_Site\_Pics\_041211\_compressed.pdf;  
SJCDWQC\_FieldResults\_Discharge\_041211.xls

Dear Chris,

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 April 12, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. During sampling, field parameters were measured. Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. All sites were sampled as contiguous waterbodies during this monitoring event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured again at sites in the SJCDWQC region during the next monitoring event scheduled for May 10, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. 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 water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
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**Table 1.** SJCDWQC\_FieldResults\_Discharge\_041211.xls

| Station Name                     | Station Code | Sample Date | Collection Time | Group                                   | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 $\mu$ S/cm | Comments                                                                                                                                     |
|----------------------------------|--------------|-------------|-----------------|-----------------------------------------|----------------|------------|-------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Bear Creek @ North Alpine Rd     | 531BCANAR    | 4/12/2011   | 9:20            | Irrigation1                             | 2.26           |            | 8.60              |                    |                                                                                                                                              |
| Duck Creek @ Hwy 4               | 531XDCAHF    | 4/12/2011   | 11:10           | Irrigation1, Management Plan Monitoring | 6              |            |                   |                    | April Management Plan Monitoring for Ceriodaphnia toxicity, Selenastrum toxicity, and chlorpyrifos.                                          |
| French Camp Slough @ Airport Way | 531SJC504    | 4/12/2011   | 14:50           | Irrigation1, Management Plan Monitoring | 24.6           |            |                   |                    | April Management Plan Monitoring for Selenastrum toxicity.                                                                                   |
| Grant Line Canal near Calpack Rd | 544XGLCCR    | 4/12/2011   | 12:10           | Irrigation1, Management Plan Monitoring | NA             |            |                   | 909                | April Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.                           |
| Kellogg Creek along Hoffman Ln   | 544XKCAHL    | 4/12/2011   | 10:50           | Irrigation1, Management Plan Monitoring | NA             |            | 8.81              |                    | April Management Plan Monitoring for Selenastrum toxicity and Ceriodaphnia toxicity. Discharge not measured due to toxicity monitoring only. |
| Littlejohns Creek @ Jack Tone Rd | 531XLCAJR    | 4/12/2011   | 12:10           | Irrigation1, Management Plan Monitoring | 19.43          |            |                   |                    | April Management Plan Monitoring for chlorpyrifos and Selenastrum toxicity.                                                                  |
| Lone Tree Creek @ Jack Tone Rd   | 531XLTCJR    | 4/12/2011   | 13:30           | Irrigation1, Management Plan Monitoring | NA             |            |                   |                    | April Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.                           |
| Mokelumne River @ Bruella Rd     | 531XMRABR    | 4/12/2011   | 8:00            | Irrigation1, Management Plan Monitoring | NA             |            | 8.80              |                    | April Management Plan Monitoring for Selenastrum toxicity. Too deep to take discharge.                                                       |

| Station Name                                    | Station Code  | Sample Date | Collection Time | Group                                   | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 µS/cm | Comments                                                                                                           |
|-------------------------------------------------|---------------|-------------|-----------------|-----------------------------------------|----------------|------------|-------------------|---------------|--------------------------------------------------------------------------------------------------------------------|
| Mormon Slough @ Jack Tone Rd                    | 544MSAJTR     | 4/12/2011   | 10:30           | Irrigation1, Management Plan Monitoring | NA             |            | 8.52              |               | April Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only. |
| Roberts Island Drain @ Holt Rd                  | 544RIDAHT     | 4/12/2011   | 13:30           | Irrigation1, Management Plan Monitoring | 1.82           |            |                   | 2085          | April Management Plan Monitoring for Selenastrum toxicity.                                                         |
| Sand Creek @ Hwy 4 Bypass                       | 544SCAHFB     | 4/12/2011   | 10:00           | Irrigation1, Management Plan Monitoring | NA             |            |                   | 2206          | April Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only. |
| Terminus Tract Drain @ Hwy 12                   | 544XTTHWT     | 4/12/2011   | 8:00            | Irrigation1, Management Plan Monitoring | 16.96          |            |                   | 1172          | April Management Plan Monitoring for Selenastrum toxicity.                                                         |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 531UDLTAJ     | 4/12/2011   | 13:00           | Irrigation1, Management Plan Monitoring | 9.26           |            |                   |               | April Management Plan Monitoring for copper.                                                                       |
| Walthall Slough @ Woodward Ave                  | 544WSAWA<br>V | 4/12/2011   | 15:40           | Irrigation1                             | NA             | 4.67       |                   |               | Too deep to take discharge.                                                                                        |

NA - Not applicable; see comments.

**Sent: Tuesday, April 26, 2011 at 1:53 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)

**Subject:** SJCDWQC E.coli, nutrient, inorganics and metals Exceedance Report-March 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_March\_030811.xls

Dear Chris,

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 March 8, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on April 25, 2011. Exceedances of the receiving water limitation for E.coli and total dissolved solids (TDS) were experienced. All sites that were sampled were contiguous waterbodies. Details on the sites, constituents sampled, and the 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 submitted on March 13, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on April 12, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
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632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_March\_030811.xls

Site Name	Monitoring Type	Station Code	Sample Date	E. Coli, (235 MPN/100)	TDS, (450 mg/L)
French Camp Slough @ Airport Way	NM	531SJC504	3/8/2011	>2400	
French Camp Slough @ Airport Way-FD	NM	531SJC504-FD	3/8/2011	1700	

Site Name	Monitoring Type	Station Code	Sample Date	E. Coli, (235 MPN/100)	TDS, (450 mg/L)
Terminus Tract Drain @ Hwy 12	NM	544XTTHWT	3/8/2011		1000
Roberts Island Drain @ Holt Rd	NM	544RIDAHT	3/8/2011		750

FD- field duplicate  
 NM- normal monitoring

**Sent: Monday, May 16, 2011 at 7:36 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)

**Subject:** SJCDWQC Sediment Toxicity Exceedance Report-March 2011

**Attachments:** SJCDWQC\_11\_March\_ER\_Toxicity\_table\_Sediment\_030811.doc

Dear Chris,

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.) Sediment samples were collected for normal monitoring (NM) and Management Plan Monitoring (MPM) in the SJCDWQC region on March 8, 2011. During this event sediment was collected to test for toxicity to *Hyalella azteca* at Assessment Monitoring and MPM locations. See attached Table 1 for details on toxicity results. Site pictures and flow data for these sampling events were provided to the CVRWQCB by email on March 13, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Additional chemistry for the analysis of pyrethroids (bifenthrin, cyfluthrin, cypermethrin, deltamethrin/tralomethrin, esfenvalerate, lambda-cyhalothrin, permethrin, fenpropathrin) and chlorpyrifos will be performed on samples with significant toxicity equal to or less than 80% of the control. This is the first of two sediment sampling events that will be conducted by the Coalition in 2011.

c.) Actions taken to address toxicity are discussed in the SJCDWQC Management Plan Update Report including schedules and rationale for MPM. Results from these analyses will be included in the Annual Monitoring Report (March 1, 2012) as well as the Management Plan Update Report (April 1, 2012). All new exceedances requiring management plans as well as MPM results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
 Environmental Scientist  
 Michael L. Johnson LLC

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Tel: 530-756-5200  
Fax: 530-756-5225  
rwest@mlj-llc.com

**Table 1.** Sediment toxicity in samples collected during normal monitoring (NM) and Management Plan Monitoring (MPM) on March 8, 2011 for SJCDWQC receiving waters.

| Sample Site                                        | Sample Date | Sample Type | <i>Hyalella azteca</i> ,<br>(% survival relative to control) |
|----------------------------------------------------|-------------|-------------|--------------------------------------------------------------|
| Grant Line Canal @ Clifton Court                   | 3/8/2011    | MPM         | 80 <sup>†</sup>                                              |
| Unnamed Drain to Lone Tree<br>Creek @ Jack Tone Rd | 3/8/2011    | MPM         | 33 <sup>†</sup>                                              |
| Kellogg Creek along Hoffman Ln                     | 3/8/2011    | MPM         | 78 <sup>†</sup>                                              |
| Sand Creek along Hwy 4 Bypass                      | 3/8/2011    | MPM         | 29 <sup>†</sup>                                              |

MPM-Management Plan Monitoring

<sup>†</sup> Samples with 80% or less survival compared to the control will be analyzed for pyrethroids and chlorpyrifos.

**Sent: Friday, May 27, 2011 at 11:29 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <lreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)>

**Subject:** SJCDWQC Field Exceedance Report-May 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_052411.xls;  
SJCDWQC\_Site\_Pics\_052411\_compressed.pdf

Dear Chris,

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 May 24, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the second irrigation event of 2011. During sampling, field parameters were measured. Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. All sites were sampled as contiguous waterbodies during this monitoring event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured again at sites in the SJCDWQC region during the next monitoring event scheduled for June 28, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous

events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. 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 water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
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Michael L. Johnson LLC  
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Fax: 530-756-5225  
rwest@mlj-llc.com

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_052411.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	5/24/2011	9:20	Irrigation2	1.47				
Duck Creek @ Hwy 4	531XDCAHF	5/24/2011	11:40	Irrigation2, Management Plan Monitoring	0.63				May Management Plan Monitoring for Selenastrum toxicity and chlorpyrifos.
French Camp Slough @ Airport Way	531SJC504	5/24/2011	15:30	Irrigation2, Management Plan Monitoring	58.85				May Management Plan Monitoring for copper and chlorpyrifos
Grant Line Canal @ Clifton Court Rd	544XGLCAA	5/24/2011	12:00	Irrigation2, Management Plan Monitoring	1.17			1932	May Management Plan Monitoring for copper and Selenastrum toxicity.
Grant Line Canal near Calpack Rd	544XGLCCR	5/24/2011	13:10	Irrigation2, Management Plan Monitoring	0			1921	May Management Plan Monitoring for Ceriodaphnia toxicity, Selenastrum toxicity, and chlorpyrifos Pump station not running; discharge recorded as zero.
Kellogg Creek along Hoffman Ln	544XKCAHL	5/24/2011	11:00	Irrigation2, Management Plan Monitoring	NA				May Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.
Littlejohns Creek @ Jack Tone Rd	531XLCAJR	5/24/2011	12:40	Irrigation2, Management Plan Monitoring	NA				May Management Plan Monitoring for copper. Too deep to take discharge.
Lone Tree Creek @ Jack Tone Rd	531XLTCJR	5/24/2011	14:00	Irrigation2, Management Plan Monitoring	NA				May Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Mokelumne River @ Bruella Rd	531XMRABR	5/24/2011	8:00	Irrigation2, Management Plan Monitoring	NA		6.23		May Management Plan Monitoring for Selenastrum toxicity. Too deep to take discharge.
Mormon Slough @ Jack Tone Rd	544MSAJTR	5/24/2011	11:10	Irrigation2, Management Plan Monitoring	NA				May Management Plan Monitoring for Selenastrum toxicity, Ceriodaphnia toxicity, and chlorpyrifos. Too deep to take discharge.
Roberts Island Drain @ Holt Rd	544RIDAHT	5/24/2011	14:40	Irrigation2, Management Plan Monitoring	1.27			1232	May Management Plan Monitoring for Selenastrum toxicity.
Sand Creek @ Hwy 4 Bypass	544SCAHFB	5/24/2011	10:00	Irrigation2, Management Plan Monitoring	0	6.28		1995	May Management Plan Monitoring for Ceriodaphnia toxicity, chlorpyrifos, disulfoton, and dieldrin. Discharge recorded as zero due to no measurable flow.
Terminus Tract Drain @ Hwy 12	544XTTHWT	5/24/2011	8:00	Irrigation2, Management Plan Monitoring	15.57	6.94		842	May Management Plan Monitoring for Selenastrum toxicity.
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	5/24/2011	13:10	Irrigation2, Management Plan Monitoring	16.75				May Management Plan Monitoring for copper, chlorpyrifos, and Selenastrum toxicity.
Walthall Slough @ Woodward Ave	544WSAWAV	5/24/2011	16:30	Irrigation2	NA	3.34			Too deep to take discharge.

NA - Not applicable; see comments.

**Sent: Tuesday, May 31, 2011 at 10:07 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Pesticide Exceedance Report-April 2011

**Attachments:** SJCDWQC\_11\_April\_ER\_Pesticides\_table\_041211.doc

Dear Chris,

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 April 12, 2011, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. All monitoring sites were sampled as contiguous waterbodies during this sampling event. Finalized data were received from the organics laboratory on May 27, 2011. An exceedance level detection of chlorpyrifos was found in the grab sample and field duplicate collected from French Camp Slough @ Airport Way during this monitoring event. See attached Table 1 for details on this exceedance. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on April 15, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region again on May 24, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
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Tel: 530-756-5200  
Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on April 12, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

| Sample Site                      | Sample Date | Season      | Sample Type | Chlorpyrifos, 0.015 µg/L |
|----------------------------------|-------------|-------------|-------------|--------------------------|
| French Camp Slough @ Airport Way | 4-12-2011   | Irrigation1 | NM          | 0.033                    |

| Sample Site                         | Sample Date | Season      | Sample Type | Chlorpyrifos, 0.015 µg/L |
|-------------------------------------|-------------|-------------|-------------|--------------------------|
| French Camp Slough @ Airport Way-FD | 4-12-2011   | Irrigation1 | NM          | 0.032                    |

FD-Field Duplicate  
 NM-Normal Monitoring

**Sent: Tuesday, June 7, 2011 at 7:36 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC E.coli, nutrient, inorganics and metals Exceedance Report-April 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_April\_041211.xls

Dear Chris,

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 April 12, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on June 6, 2011. Exceedances of the receiving water limitation for E.coli and total dissolved solids (TDS) were experienced. All sites that were sampled were contiguous waterbodies. Details on the sites, constituents sampled, and the 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 submitted on April 15, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on May 24, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~  
 Rachel C. West  
 Environmental Scientist  
 Michael L. Johnson LLC  
 632 Cantrill Drive  
 Davis, CA 95618

Tel: 530-756-5200  
 Fax: 530-756-5225  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_April\_041211.xls

Site Name	Monitoring Type	Station Code	Sample Date	E. Coli, (235 MPN/100)	TDS, (450 mg/L)
French Camp Slough @ Airport Way	NM, MPM	531SJC504	4/12/2011	650	
French Camp Slough @ Airport Way-FD	NM, MPM	531SJC504-FD	4/12/2011	980	
Terminus Tract Drain @ Hwy 12	NM, MPM	544XTTHWT	4/12/2011		630
Roberts Island Drain @ Holt Rd	NM	544RIDAHT	4/12/2011	>2400	1200

FD- field duplicate

MPM-Management Plan Monitoring

NM- normal monitoring

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

\* Dissolved (based on hardness)

**Sent: Tuesday, June 28, 2011 at 8:18 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC-E.coli, nutrient, inorganics and metals Exceedance Report-May 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_Metals\_May\_052411.xls

Dear Chris,

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 May 24, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on June 23, 2011. Exceedances of the receiving water limitation for E.coli, total dissolved solids (TDS) and dissolved copper were experienced. All sites that were sampled were contiguous waterbodies. Details on the sites, constituents sampled, and the 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 submitted on May 27, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling is scheduled to occur at sites in the SJCDWQC region again on June 28, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
rwest@mlj-llc.com

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_Metals\_May\_052411.xls

| Site Name                                       | Monitoring Type | Station Code | Sample Date | E. Coli, (235 MPN/100) | TDS, (450 mg/L) | Copper, Dissolved (based on hardness) |
|-------------------------------------------------|-----------------|--------------|-------------|------------------------|-----------------|---------------------------------------|
| French Camp Slough @ Airport Way                | NM, MPM         | 531SJC504    | 5/24/2011   | 390                    |                 |                                       |
| French Camp Slough @ Airport Way-FD             | NM, MPM         | 531SJC504-FD | 5/24/2011   | 460                    |                 |                                       |
| Terminus Tract Drain @ Hwy 12                   | NM, MPM         | 544XTTHWT    | 5/24/2011   |                        | 460             | NT                                    |
| Roberts Island Drain @ Holt Rd                  | NM              | 544RIDAHT    | 5/24/2011   |                        | 660             |                                       |
| Walthall Slough @ Woodward Ave                  | NM              | 544WSAWAV    | 5/24/2011   | 280                    |                 | NT                                    |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | MPM             | 531UDLTAJ    | 5/24/2011   | NT                     | NT              | 11 (5.95)                             |
| Littlejohns Creek @ Jack Tone Rd                | MPM             | 531XLCAJR    | 5/24/2011   | NT                     | NT              | 1.7 (1.03)                            |

FD- field duplicate  
MPM-Management Plan Monitoring  
NM- normal monitoring  
NT-Not Tested, analysis not a part of the monitoring plan for this site

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**Sent: Wednesday, June 29, 2011 at 2:39 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)

**Subject:** SJCDWQC Field Exceedance Report-June 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_062811.xls;  
SJCDWQC\_Site\_Pics\_062811\_compressed.pdf

Dear Chris,

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 June 28, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the third irrigation event of 2011. During sampling, field parameters were measured. Exceedances of receiving water limitations for dissolved oxygen (DO) and specific conductance (SC) were detected during this sampling event. All sites were sampled as contiguous waterbodies during this monitoring event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for July 26, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: 530-756-5200  
Fax: 530-756-5225  
rwest@mlj-llc.com

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_062811.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	SC, 700 µS/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	6/28/2011	9:00	Irrigation3	9.45	5.91		
Duck Creek @ Hwy 4	531XDCAHF	6/28/2011	10:00	Irrigation3, Management Plan Monitoring	6.45	5.57		June Management Plan Monitoring for chlorpyrifos.
French Camp Slough @ Airport Way	531SJC504	6/28/2011	12:30	Irrigation3, Management Plan Monitoring	28.26			June Management Plan Monitoring for copper.
Grant Line Canal @ Clifton Court Rd	544XGLCAA	6/28/2011	10:30	Irrigation3, Management Plan Monitoring	3.77	1.26		June Management Plan Monitoring for copper
Littlejohns Creek @ Jack Tone Rd	531XLCAJR	6/28/2011	10:40	Irrigation3, Management Plan Monitoring	NA			June Management Plan Monitoring for copper and chlorpyrifos. Too deep to take discharge.
Mokelumne River @ Bruella Rd	531XMRABR	6/28/2011	8:00	Irrigation3, Management Plan Monitoring	NA			June Management Plan Monitoring for copper. Too deep to take discharge.
Roberts Island Drain @ Holt Rd	544RIDAHT	6/28/2011	11:40	Irrigation3	2.06	4.44	892	
Sand Creek @ Hwy 4 Bypass	544SCAHFB	6/28/2011	9:10	Irrigation3, Management Plan Monitoring	0	4.78	1823	June Management Plan Monitoring for Ceriodaphnia toxicity, chlorpyrifos, disulfoton, and dieldrin. Discharge recorded as zero due to no measureable flow.
Terminus Tract Drain @ Hwy 12	544XTTHWT	6/28/2011	8:00	Irrigation3	49.7	4.68		
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	6/28/2011	11:10	Irrigation3, Management Plan Monitoring	9.91			June Management Plan Monitoring for chlorpyrifos.
Walthall Slough @ Woodward Ave	544WSAWAV	6/28/2011	13:00	Irrigation3	NA	2.44		Too deep to take discharge.

NA - Not applicable; see comments.

**Sent: Wednesday, July 13, 2011 at 10:15 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu), Kendall Story<[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC Pesticide Exceedance Report-May 2011

**Attachments:** SJCDWQC\_11\_May\_ER\_Pesticides\_table\_052411.doc

Dear Chris,

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 May 24, 2011, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. All sites were sampled as contiguous waterbodies during this monitoring event. Finalized data were received from the organics laboratory on July 12, 2011. Exceedance level detections of dieldrin and malathion were found in grab samples collected during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on May 27, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region again on June 28, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

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Rachel C. West  
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Fax: 530-756-5225

[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on May 24, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

| Sample Site                  | Sample Date | Season      | Sample Type | Dieldrin,<br>0.00014 µg/L | Malathion,<br>0 µg/L |
|------------------------------|-------------|-------------|-------------|---------------------------|----------------------|
| Sand Creek @ Hwy 4 Bypass    | 5-24-2011   | Irrigation2 | MPM         | 0.027                     |                      |
| Bear Creek @ North Alpine Rd | 5-24-2011   | Irrigation2 | NM          |                           | 0.064J               |

J-Estimated Value

MPM-Management Plan Monitoring

NM-Normal Monitoring

**Sent: Monday, July 25, 2011 at 11:22 AM**

**From:** Kendall Story <kstory@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu), Kendall Story<[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>, Stephanie Henderson <shenderson@mlj-llc.com>

**Subject:** SJCDWQC Inorganics Exceedance Report-June 2011

**Attachments:** SJCDWQC\_ER\_11\_Inorganics\_June\_062811.xls

Dear Chris,

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 June 28, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on July 21, 2011. An exceedance of the receiving water limitation for total dissolved solids (TDS) occurred. All sites were sampled as contiguous waterbodies. Details on the sites, constituents sampled, and the exceedance 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 submitted on June 29, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling is scheduled to occur at sites in the SJCDWQC region again on July 26, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

-  
*Kendall Story*  
*Michael L Johnson, LLC*  
*632 Cantrill Drive*  
*Davis, CA 95618*  
*Phone: [530-756-5200](tel:530-756-5200)*  
*Fax: [530-756-5225](tel:530-756-5225)*

**Table 1.** SJCDWQC\_ER\_11\_Inorganics\_June\_062811.xls

| Site Name                      | Station Code | Sample Date | Monitoring Type | TDS,<br>(450 mg/L) |
|--------------------------------|--------------|-------------|-----------------|--------------------|
| Roberts Island Drain @ Holt Rd | 544RIDAHT    | 6/28/2011   | NM              | 500                |

FD- field duplicate  
MPM-Management Plan Monitoring  
NM- normal monitoring  
NT-Not Tested, analysis not a part of the monitoring plan for this site

**Sent: Friday, July 29, 2011 at 1:53 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu), Kendall Story <[kstory@mlj-llc.com](mailto:kstory@mlj-llc.com)>

**Subject:** SJCDWQC Field Exceedance Report-July 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_072611\_072811.xls

Dear Chris,

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 July 26, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. Due to a processing issue at the lab, samples from Mokelumne River @ Bruella Rd and Terminous Tract Drain @ Hwy 12 were not set up within the 24 hour hold time required for *E. coli* analysis. Therefore, on July 28, 2011 samples were recollected at the two locations and resent to the lab. This was considered the fourth irrigation event of 2011. During sampling, field parameters were measured. Exceedances of receiving water limitations for dissolved oxygen (DO) and specific conductance (SC) were detected during this sampling event. All sites were sampled as contiguous waterbodies during this monitoring event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for August 23, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
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Davis, CA 95618

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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_072611\_072811.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	SC, 700 $\mu$ S/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	7/26/2011	9:10	Irrigation4	15.43			
Duck Creek @ Hwy 4	531XDCAHF	7/26/2011	11:10	Irrigation4, Management Plan Monitoring	NA	6.30		July Management Plan Monitoring for chlorpyrifos and Ceriodaphnia toxicity. Too deep to take discharge.
French Camp Slough @ Airport Way	531SJC504	7/26/2011	14:30	Irrigation4, Management Plan Monitoring	6.47			July Management Plan Monitoring for copper, chlorpyrifos, and dieldrin.
Grant Line Canal @ Clifton Court Rd	544XGLCAA	7/26/2011	11:00	Irrigation4, Management Plan Monitoring	0	3.50	940	July Management Plan Monitoring for copper. Discharge recorded as zero due to no measurable flow.
Grant Line Canal near Calpack Rd	544XGLCCR	7/26/2011	11:30	Irrigation4, Management Plan Monitoring	0	6.00		July Management Plan Monitoring for Selenastrum toxicity and chlorpyrifos. Pump station not running; discharge recorded as zero.
Kellogg Creek along Hoffman Ln	544XKCAHL	7/26/2011	10:00	Irrigation4, Management Plan Monitoring	13.89			July Management Plan Monitoring for copper.
Littlejohns Creek @ Jack Tone Rd	531XLCAJR	7/26/2011	11:50	Irrigation4, Management Plan Monitoring	NA	6.78		July Management Plan Monitoring for chlorpyrifos and Selenastrum toxicity. Too deep to take discharge.
Lone Tree Creek @ Jack Tone Rd	531XLTCJR	7/26/2011	12:40	Irrigation4, Management Plan Monitoring	4.80			July Management Plan Monitoring for copper and chlorpyrifos.
Mokelumne River @ Bruella Rd	531XMRABR	7/26/2011	8:00	Irrigation4, Management Plan	NA			July Management Plan Monitoring for copper and Selenastrum toxicity. Too

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	SC, 700 µS/cm	Comments
				Monitoring				deep to take discharge.
Mokelumne River @ Bruella Rd	531XMRABR	7/28/2011	11:20	Irrigation4	NA			Resampling due to original sample not being analyzed within hold time. Too deep to take discharge.
Mormon Slough @ Jack Tone Rd	544MSAJTR	7/26/2011	10:40	Irrigation4, Management Plan Monitoring	NA			July Management Plan Monitoring for Selenastrum toxicity and chlorpyrifos. Too deep to take discharge.
Roberts Island Drain @ Holt Rd	544RIDAHT	7/26/2011	12:20	Irrigation4	2.86			
Sand Creek @ Hwy 4 Bypass	544SCAHFB	7/26/2011	9:10	Irrigation4, Management Plan Monitoring	0.21	3.97	1671	July Management Plan Monitoring for Ceriodaphnia toxicity and diazinon.
Terminus Tract Drain @ Hwy 12	544XTTHWT	7/26/2011	8:00	Irrigation4	62.82	4.42		
Terminus Tract Drain @ Hwy 12	544XTTHWT	7/28/2011	12:10	Irrigation4	61.22	4.92		Resampling due to original sample not being analyzed within hold time.
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	7/26/2011	12:10	Irrigation4, Management Plan Monitoring	5.18			July Management Plan Monitoring for copper and chlorpyrifos.
Walthall Slough @ Woodward Ave	544WSAWAV	7/26/2011	13:50	Irrigation4	15.11	3.27		

NA - Not applicable; see comments.

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**Sent: Friday, July 29, 2011 at 1:57 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu), Kendall Story <kstory@mlj-llc.com>

**Subject:** Re: SJCDWQC Field Exceedance Report-July 2011

**Attachments:** SJCDWQC\_Site\_Pics\_062811\_compressed.pdf

Dear Chris,

I apologize, I forgot to attach the site photos file with the first email. You will find the site photos attached to this email.

Thanks,  
Rachel

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**Sent: Thursday, August 25, 2011 at 8:12 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)

**Subject:** SJCDWQC Field Exceedance Report-August 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_082311.xls;  
SJCDWQC\_Site\_Pics\_082311\_compressed.pdf

Dear Chris,

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 August 23, 2011 normal monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the fifth irrigation event of 2011. During sampling, field parameters were measured and all sites were sampled as contiguous waterbodies. Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for September 20, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water

temperatures, due to sun exposure, tend to be higher. 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 water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

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**Table 1.** SJCDWQC\_FieldResults\_Discharge\_082311.xls

| Station Name                        | Station Code | Sample Date | Collection Time | Group                                   | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 µS/cm | Comments                                                                                                                            |
|-------------------------------------|--------------|-------------|-----------------|-----------------------------------------|----------------|------------|-------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Bear Creek @ North Alpine Rd        | 531BCANAR    | 8/23/2011   | 8:50            | Irrigation5                             | 9.63           | 5.55       |                   |               |                                                                                                                                     |
| Duck Creek @ Hwy 4                  | 531XDCAHF    | 8/23/2011   | 10:00           | Irrigation5, Management Plan Monitoring | 10.59          | 6.15       |                   |               | August Management Plan Monitoring for chlorpyrifos.                                                                                 |
| French Camp Slough @ Airport Way    | 531SJC504    | 8/23/2011   | 13:20           | Irrigation5, Management Plan Monitoring | 48.03          |            |                   |               | August Management Plan Monitoring for copper and chlorpyrifos.                                                                      |
| Grant Line Canal @ Clifton Court Rd | 544XGLCAA    | 8/23/2011   | 10:55           | Irrigation5, Management Plan Monitoring | 0.00           | 0.34       |                   |               | August Management Plan Monitoring for copper. Discharge recorded as zero due to no measurable flow.                                 |
| Grant Line Canal near Calpack Rd    | 544XGLCCR    | 8/23/2011   | 11:30           | Irrigation5, Management Plan Monitoring | 0.00           |            |                   |               | August Management Plan Monitoring for Ceriodaphnia toxicity and chlorpyrifos. Discharge recorded as zero due to no measurable flow. |
| Kellogg Creek along Hoffman Ln      | 544XKCAHL    | 8/23/2011   | 9:50            | Irrigation5, Management Plan Monitoring | NA             |            | 8.84              |               | August Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.                 |
| Littlejohns Creek @ Jack Tone Rd    | 531XLCAJR    | 8/23/2011   | 10:50           | Irrigation5, Management Plan Monitoring | NA             | 5.20       |                   |               | August Management Plan Monitoring for Selenastrum toxicity. Discharge not measured due to toxicity monitoring only.                 |
| Lone Tree Creek @ Jack Tone Rd      | 531XLTCJR    | 8/23/2011   | 11:40           | Irrigation5, Management Plan            | 27.95          |            |                   |               | August Management Plan Monitoring for copper and chlorpyrifos.                                                                      |

| Station Name                                    | Station Code  | Sample Date | Collection Time | Group                                   | Discharge, cfs | DO, 7 mg/L | pH, 6.5-8.5 Units | SC, 700 µS/cm | Comments                                                                                                                                    |
|-------------------------------------------------|---------------|-------------|-----------------|-----------------------------------------|----------------|------------|-------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|                                                 |               |             |                 | Monitoring                              |                |            |                   |               |                                                                                                                                             |
| Mokelumne River @ Bruella Rd                    | 531XMRABR     | 8/23/2011   | 8:00            | Irrigation5, Management Plan Monitoring | NA             |            |                   |               | August Management Plan Monitoring for copper and Selenastrum toxicity. Too deep to take discharge.                                          |
| Mormon Slough @ Jack Tone Rd                    | 544MSAJTR     | 8/23/2011   | 9:40            | Irrigation5, Management Plan Monitoring | NA             |            | 8.51              |               | August Management Plan Monitoring for chlorpyrifos. Too deep to take discharge.                                                             |
| Roberts Island Drain @ Holt Rd                  | 544RIDAHT     | 8/23/2011   | 12:30           | Irrigation5                             | 7.50           | 6.52       |                   |               |                                                                                                                                             |
| Sand Creek @ Hwy 4 Bypass                       | 544SCAHFB     | 8/23/2011   | 9:00            | Irrigation5, Management Plan Monitoring | 0.00           | 4.70       |                   | 1678          | August Management Plan Monitoring for disulfoton, dieldrin, and Selenastrum toxicity. Discharge recorded as zero due to no measurable flow. |
| Terminus Tract Drain @ Hwy 12                   | 544XTTHWT     | 8/23/2011   | 8:00            | Irrigation5, Management Plan Monitoring | 50.70          | 4.77       |                   |               | August Management Plan Monitoring for chlorpyrifos.                                                                                         |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 531UDLTAJ     | 8/23/2011   | 11:10           | Irrigation5, Management Plan Monitoring | 14.77          |            |                   |               | August Management Plan Monitoring for copper and chlorpyrifos.                                                                              |
| Walthall Slough @ Woodward Ave                  | 544WSAWA<br>V | 8/23/2011   | 14:55           | Irrigation5                             | 36.75          | 3.21       |                   |               |                                                                                                                                             |

NA - Not applicable; see comments.

**Sent: Monday, September 12, 2011 at 7:35 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Pesticide Exceedance Report-July 2011

**Attachments:** SJCDWQC\_11\_July\_ER\_Pesticides\_table\_072611.doc

Dear Chris,

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 July 26, 2011, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. All sites were sampled as contiguous waterbodies during this monitoring event. Finalized data were received from the organics laboratory on September 9, 2011. An exceedance level detection of chlorpyrifos was found in the grab sample collected from Unnamed Drain to Lone Tree Creek @ Jack Tone Rd during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on July 29, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region again on August 23, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
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Davis, CA 95618

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Fax: [530-756-5225](tel:530-756-5225)  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on July 26, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

Sample Site	Sample Date	Season	Sample Type	Chlorpyrifos, 0.015 µg/L
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	7-26-2011	Irrigation4	MPM	0.028

MPM-Management Plan Monitoring

**Sent: Thursday, September 22, 2011 at 2:33 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [yguis@ag.cccounty.us](mailto:yguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)

**Subject:** SJCDWQC E.coli Exceedance Report-August 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_August\_082311.xls

Dear Chris,

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 August 23, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on September 20, 2011. Exceedances of receiving water limitations for *E. coli* occurred. All sites were sampled as contiguous waterbodies. Details on the sites, constituents sampled, and the exceedance 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 submitted on August 25, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on September 20, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
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**Table 1.** SJCDWQC\_ER\_11\_E.coli\_August\_082311.xls

| Site Name                           | Station Code | Sample Date | Monitoring Type | E. Coli, (235 MPN/100) |
|-------------------------------------|--------------|-------------|-----------------|------------------------|
| French Camp Slough @ Airport Way    | 531SJC504    | 8/23/2011   | MPM, NM         | 440                    |
| French Camp Slough @ Airport Way-FD | 531SJC504-FD | 8/23/2011   | MPM, NM         | 390                    |
| Roberts Island Drain @ Holt Rd      | 544RIDAHT    | 8/23/2011   | NM              | 520                    |
| Terminus Tract Drain @ Hwy 12       | 544XTTHWT    | 8/23/2011   | MPM, NM         | 290                    |

FD- field duplicate  
MPM-Management Plan Monitoring  
NM- Normal Monitoring

**Sent: Friday, September 23, 2011 at 1:40 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)

**Subject:** SJCDWQC Field Exceedance Report-September 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_092011.xls;  
SJCDWQC\_Site\_Pics\_092011\_compressed.pdf

Dear Chris,

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 20, 2011 Normal Monitoring (NM), Management Plan Monitoring (MPM) and sediment monitoring were conducted at sites in the SJCDWQC region. This was considered the fifth irrigation event of 2011. During sampling, field parameters were measured and all sites were sampled as contiguous waterbodies. Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for October 18, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. 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 water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,  
~~~~~

Rachel C. West  
Environmental Scientist  
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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_092011.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	9/20/2011	9:10	Irrigation6	12.43	6.43			Pesticides analyzed for in toxic sediment only.
Duck Creek @ Hwy 4	531XDCAHF	9/20/2011	11:20	Irrigation6, Management Plan Monitoring	NA	6.54			September Management Plan Monitoring for chlorpyrifos and Ceriodaphnia toxicity. Too deep to take discharge.
French Camp Slough @ Airport Way	531SJC504	9/20/2011	15:30	Irrigation6, Management Plan Monitoring	67.53				September Management Plan Monitoring for chlorpyrifos and Hyalella toxicity. Pesticides analyzed for in toxic sediment only.
Grant Line Canal @ Clifton Court Rd	544XGLCAA	9/20/2011	11:10	Irrigation6, Management Plan Monitoring	5.01				September Management Plan Monitoring for chlorpyrifos, copper, and Hyalella toxicity. Pesticides analyzed for in toxic sediment only.
Grant Line Canal near Calpack Rd	544XGLCCR	9/20/2011	12:00	Irrigation6, Management Plan Monitoring	NA			1177	September Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Kellogg Creek along Hoffman Ln	544XKCAHL	9/20/2011	10:30	Irrigation6, Management Plan Monitoring	NA		8.96		September Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Littlejohns Creek @ Jack Tone Rd	531XLCAJR	9/20/2011	12:00	Irrigation6, Management Plan Monitoring	NA	6.17			September Management Plan Monitoring for copper. Pipes discharging into creek. Too deep to take discharge.
Lone Tree Creek @ Jack Tone Rd	531XLTCJR	9/20/2011	13:50	Irrigation6, Management Plan Monitoring	39.14				September Management Plan Monitoring for copper and Hyalella toxicity. Pesticides analyzed for in toxic sediment only.

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Mokelumne River @ Bruella Rd	531XMRABR	9/20/2011	8:00	Irrigation6, Management Plan Monitoring	NA		6.17		September Management Plan Monitoring for Ceriodaphnia toxicity. Pesticides analyzed for in toxic sediment only. Too deep to take discharge.
Mormon Slough @ Jack Tone Rd	544MSAJTR	9/20/2011	10:50	Irrigation6, Management Plan Monitoring	0				September Management Plan Monitoring for chlorpyrifos and Ceriodaphnia toxicity. Flow is moving in upstream direction, from west to east. Discharge recorded as zero due to flow moving in upstream direction, from west to east.
Roberts Island Drain @ Holt Rd	544RIDAHT	9/20/2011	12:50	Irrigation6	9.7				Pesticides analyzed for in toxic sediment only.
Sand Creek @ Hwy 4 Bypass	544SCAHFB	9/20/2011	9:10	Irrigation6, Management Plan Monitoring	NA	4.82		1777	September Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Terminus Tract Drain @ Hwy 12	544XTTHWT	9/20/2011	8:00	Irrigation6, Management Plan Monitoring	22.89	3.59			September Management Plan Monitoring for chlorpyrifos and Hyalella toxicity. Pesticides analyzed for in toxic sediment only.
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	9/20/2011	12:40	Irrigation6, Management Plan Monitoring	18.52				September Management Plan Monitoring for copper, chlorpyrifos, Ceriodaphnia toxicity, and Hyalella toxicity. Pesticides analyzed for in toxic sediment only.
Walthall Slough @ Woodward Ave	544WSAWAV	9/20/2011	14:30	Irrigation6	42.4	2.38			Corn field upstream of sample location draining into slough.

NA - Not applicable; see comments.

**Sent: Wednesday, September 28, 2011 at 12:31 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)

**Subject:** SJCDWQC Water Toxicity Exceedance Report-September 2011

**Attachments:** SJCDWQC\_11\_September\_ER\_Toxicity\_table\_092011.doc

Dear Chris,

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 20, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Toxicity to *Ceriodaphnia dubia* occurred in samples collected from Duck Creek @ Hwy 4 during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites sampled during this event were provided to the CVRWQCB by email on September 23, 2011 and are also available on the MLJ-LLC Sharepoint (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Duck Creek @ Hwy 4 is not scheduled for MPM again in 2011.

c.) Duck Creek @ Hwy 4 is included in the SJCDWQC Management Plan for *C. dubia* due to previous toxicities. Management Plan Monitoring will resume in 2012 at this location for *C. dubia* toxicity during months of past exceedances. Results from the chemistry laboratory are expected in the next couple of weeks and the Coalition will report any chemistry exceedances at that time. Actions taken to address toxicity are discussed in the SJCDWQC Management Plan Update Report including schedules and rationale for MPM. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Water sample toxicity in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) for SJCDWQC receiving waters on September 20, 2011.

| Sample Site        | Sample Date | Sample Type | <i>Ceriodaphnia dubia</i><br>(% survival) |
|--------------------|-------------|-------------|-------------------------------------------|
| Duck Creek @ Hwy 4 | 9/20/2011   | MPM         | 35                                        |

MPM – Management Plan Monitoring

**Sent: Friday, October 7, 2011 at 3:25 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)>

**Subject:** SJCDWQC Field Exceedance Report-November 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_100611.xls;  
SJCDWQC\_Site\_Pics\_100611\_compressed.pdf

Dear Chris,

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 October 6, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the first storm event of 2011. During sampling, field parameters were measured and all sites were sampled as contiguous waterbodies. Exceedances of receiving water limitations for dissolved oxygen (DO) and specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for November 15, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

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Fax: [530-756-5225](tel:530-756-5225)  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_100611.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	SC, 700 $\mu$ S/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	10/6/2011	9:20	Storm1	20.52			
French Camp Slough at Airport Way	531SJC504	10/6/2011	11:30	Storm1	118.57			October Management Plan Monitoring for chlorpyrifos.
Mokelumne River @ Bruella Rd	531XMRABR	10/6/2011	8:00	Storm1	NA			Too deep to take discharge.
Roberts Island Drain @ Holt Rd	544RIDAHT	10/6/2011	10:00	Storm1	1.17	6.11	746	
Terminus Tract Drain @ Hwy 12	544XTTHWT	10/6/2011	9:00	Storm1	13.12	6.7	854	
Walthall Slough @ Woodward Ave	544WSAWAV	10/6/2011	11:30	Storm1	36.13	3.97		

NA - Not applicable; see comments.

**Sent: Monday, October 10, 2011 at 7:18 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)

**Subject:** Re: SJCDWQC Field Exceedance Report-October 2011

**Attachments:** none

Hello,

I have corrected the subject title of this SJCDWQC Field Exceedance Report email. The title previously read 'November' and should have been referring to the 'October' sampling event.

Thank you,  
Rachel

On Fri, Oct 7, 2011 at 3:25 PM, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)> wrote:  
Dear Chris,

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 October 6, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the first storm event of 2011. During sampling, field parameters were measured and all sites were sampled as contiguous waterbodies. Exceedances of receiving water limitations for dissolved oxygen (DO) and specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for November 15, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
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Davis, CA 95618

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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

--

**Sent: Monday, October 10, 2011 at 7:22 AM**

**From:** Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>

**To:** Chris Jimmerson <[cjimmerson@waterboards.ca.gov](mailto:cjimmerson@waterboards.ca.gov)>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <[fjohnson@mlj-llc.com](mailto:fjohnson@mlj-llc.com)>, John Brodie <[rvranglr@yahoo.com](mailto:rvranglr@yahoo.com)>, Lara Reising <[ltreising@gmail.com](mailto:ltreising@gmail.com)>, Melissa Turner <[mtturner@mlj-llc.com](mailto:mtturner@mlj-llc.com)>, "Michael L. Johnson" <[mbjohnson@ucdavis.edu](mailto:mbjohnson@ucdavis.edu)>, "Mike Wackman (E-mail)" <[michaelkw@msn.com](mailto:michaelkw@msn.com)>, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>, Rachele Antinetti <[rantinetti@yahoo.com](mailto:rantinetti@yahoo.com)>, Terry Prichad <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** Re: SJCDWQC Field Exceedance Report-October 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_100611.xls  
SJCDWQC\_Site\_Pics\_100611\_compressed.pdf

Dear Chris,

I have added the attachments to this email with the corrected subject title.

Thanks,  
Rachel

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_100611.xls

| Station Name                      | Station Code | Sample Date | Collection Time | Group  | Discharge, cfs | DO, 7 mg/L | SC, 700 µS/cm | Comments                                             |
|-----------------------------------|--------------|-------------|-----------------|--------|----------------|------------|---------------|------------------------------------------------------|
| Bear Creek @ North Alpine Rd      | 531BCANAR    | 10/6/2011   | 9:20            | Storm1 | 20.52          |            |               |                                                      |
| French Camp Slough at Airport Way | 531SJC504    | 10/6/2011   | 11:30           | Storm1 | 118.57         |            |               | October Management Plan Monitoring for chlorpyrifos. |
| Mokelumne River @ Bruella Rd      | 531XMRABR    | 10/6/2011   | 8:00            | Storm1 | NA             |            |               | Too deep to take discharge.                          |
| Roberts Island Drain @ Holt Rd    | 544RIDAHT    | 10/6/2011   | 10:00           | Storm1 | 1.17           | 6.11       | 746           |                                                      |
| Terminus Tract Drain @ Hwy 12     | 544XTTHWT    | 10/6/2011   | 9:00            | Storm1 | 13.12          | 6.7        | 854           |                                                      |
| Walthall Slough @ Woodward Ave    | 544WSAWAV    | 10/6/2011   | 11:30           | Storm1 | 36.13          | 3.97       |               |                                                      |

NA - Not applicable; see comments.

**Sent: Wednesday, October 19, 2011 at 2:18 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)

**Subject:** SJCDWQC Sediment Field Exceedance Report-October 2011

**Attachments** SJCDWQC\_FieldResults\_Discharge\_sediment\_101411.xls;  
SJCDWQC\_Sediment\_Site\_Pics\_101411\_compressed.pdf

Dear Chris,

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.) Due to toxicity control failure associated with sediment samples collected on September 20, 2011, sediment samples were re-collected. The laboratory cannot determine control failure until the end of the 10 day of the *Hyalella azteca* toxicity test. Re-analysis would have been outside of hold time and therefore new samples were collected for sediment toxicity and chemistry analysis at sites in the SJCDWQC region on October 14, 2011. During sampling, field parameters were measured and all sites were sampled as contiguous waterbodies. Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for November 15, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. 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 water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
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Davis, CA 95618

Tel: [530-756-5200](tel:530-756-5200)  
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[rwest@mji-llc.com](mailto:rwest@mji-llc.com)

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_sediment\_101411.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	10/14/2011	12:40	IrrigationSediment	NA				Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
French Camp Slough at Airport Way	531SJC504	10/14/2011	11:20	IrrigationSediment, Management Plan Monitoring	NA				Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Grant Line Canal @ Clifton Court Rd	544XGLCAA	10/14/2011	9:10	IrrigationSediment, Management Plan Monitoring	NA	3.72		1031	Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Grant Line Canal near Calpack Rd	544XGLCCR	10/14/2011	9:40	IrrigationSediment, Management Plan Monitoring	NA	6.28		1325	Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Kellogg Creek along Hoffman Ln	544XKCAHL	10/14/2011	8:30	IrrigationSediment, Management Plan Monitoring	NA		9.04		Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Lone Tree Creek @ Jack Tone Rd	531XLTCJR	10/14/2011	11:40	IrrigationSediment, Management Plan Monitoring	NA				Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Mokelumne River @ Bruella Rd	531XMRABR	10/14/2011	13:10	IrrigationSediment	NA				Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Roberts Island Drain @ Holt Rd	544RIDAHT	10/14/2011	10:20	IrrigationSediment	NA	6.39			Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Sand Creek @ Hwy 4 Bypass	544SCAHFB	10/14/2011	8:00	IrrigationSediment, Management Plan Monitoring	NA	5.4		1730	Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	DO, 7 mg/L	pH, 6.5-8.5 Units	SC, 700 µS/cm	Comments
Terminus Tract Drain @ Hwy 12	544XTTHWT	10/14/2011	7:10	IrrigationSediment, Management Plan Monitoring	NA	6.14		757	Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	10/14/2011	12:00	IrrigationSediment, Management Plan Monitoring	NA				Irrigation Management Plan Monitoring for Hyalella toxicity. Pesticides analyzed for in toxic sediment only. Discharge not measured due to sediment toxicity monitoring only.

NA - Not applicable; see comments.

**Sent: Tuesday, October 25, 2011 at 8:37 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)

**Subject:** SJCDWQC E. coli Exceedance Report-September 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_September\_092011.xls

Dear Chris,

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 September 20, 2011 Normal Monitoring (NM), Management Plan Monitoring (MPM) and sediment monitoring were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals and bacteria. Final data for this event were received from the laboratory on October 21, 2011. Exceedances of receiving water limitations for *E. coli* occurred. All sites were sampled as contiguous waterbodies. Details on the sites, constituents sampled, and the 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 submitted on September 23, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on October 6, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: [530-756-5200](tel:530-756-5200)

Fax: [530-756-5225](tel:530-756-5225)

[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_September\_092011.xls

| Site Name                     | Monitoring Type | Station Code | Sample Date | E. Coli, (235 MPN/100) |
|-------------------------------|-----------------|--------------|-------------|------------------------|
| Mokelumne River @ Bruella Rd  | MPM, NM         | 531XMRABR    | 9/20/2011   | 240                    |
| Terminus Tract Drain @ Hwy 12 | MPM, NM         | 544XTTHWT    | 9/20/2011   | 270                    |

MPM-Management Plan Monitoring  
NM- Normal Monitoring

**Sent: Monday, November 7, 2011 at 3:11 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Pesticide Exceedance Report-September 2011

**Attachments:** SJCDWQC\_11\_September\_ER\_Pesticides\_table\_092011.doc

Dear Chris,

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 20, 2011, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. All sites were sampled as contiguous waterbodies during this monitoring event. Finalized data were received from the organics laboratory on November 4, 2011. Exceedance level detections of chlorpyrifos and malathion were found in grab samples collected during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on September 23, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region again on October 6, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: [530-756-5200](tel:530-756-5200)

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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on September 20, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

Sample Site	Sample Date	Season	Sample Type	Chlorpyrifos, 0.015 µg/L	Malathion, 0 µg/L
Bear Creek @ North Alpine Rd	9-20-2011	Irrigation 6	NM	0.089	0.089J
Walthall Slough @ Woodward Ave	9-20-2011	Irrigation 6	NM	0.083	
Terminus Tract Drain @ Hwy 12	9-20-2011	Irrigation 6	MPM	0.082	
Duck Creek @ Hwy 4	9-20-2011	Irrigation 6	MPM	0.12	
Mormon Slough @ Jack Tone Rd	9-20-2011	Irrigation 6	MPM	0.11	

**Sent: Thursday, November 17, 2011 at 10:34 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Field Exceedance Report November- 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_111511.xls;  
SJCDWQC\_Fall1\_Site\_Pics\_111511\_compressed.pdf

Dear Chris,

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 November 15, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the first fall event of 2011. During sampling, field parameters were measured and three sites were sampled as non contiguous waterbodies (French Camp Slough @ Airport Way, Littlejohns Creek @ Jack Tone Rd and Unnamed Drain to Lone Tree Creek @ Jack Tone Rd). Exceedances of receiving water limitations for dissolved oxygen (DO), pH and specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for December 13, 2011.

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 (though this may not be the case for all samples). Sites sampled in previous events have also experienced frequent DO exceedances, particularly on clear, warm days when water temperatures, due to sun exposure, tend to be higher. 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 water body, among other possible sources. Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist

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[rwest@mjl-llc.com](mailto:rwest@mjl-llc.com)

**Table 1.** SJCDWQC\_FieldResults\_Discharge\_111511.xls

| Station Name                                    | Station Code | Sample Date | Collection Time | Group                                             | Discharge, cfs | DO, 7 mg/L | pH   | SC, 700 µS/cm | Comments                                                                                                                                       |
|-------------------------------------------------|--------------|-------------|-----------------|---------------------------------------------------|----------------|------------|------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bear Creek @ North Alpine Rd                    | 531BCANAR    | 11/15/2011  | 9:00            | Fall1                                             | 0              | 5.82       |      |               | Discharge recorded as zero due to no measurable flow.                                                                                          |
| French Camp Slough at Airport Way               | 531SJC504    | 11/15/2011  | 11:50           | Fall1, Non Contiguous                             | 0              |            | 9.16 |               | Non contiguous water body. Discharge recorded as zero due to non contiguous water body.                                                        |
| Littlejohns Creek @ Jack Tone Rd                | 531XLCAJR    | 11/15/2011  | 10:20           | Fall1, Management Plan Monitoring, Non Contiguous | 0              |            |      |               | Non contiguous water body. Novemembr Management Plan Monitoring for chlorpyrifos. Discharge recorded as zero due to non contiguous water body. |
| Mokelumne River @ Bruella Rd                    | 531XMRABR    | 11/15/2011  | 8:00            | Fall1                                             | NA             |            |      |               | Too deep to take discharge.                                                                                                                    |
| Roberts Island Drain @ Holt Rd                  | 544RIDAHT    | 11/15/2011  | 9:20            | Fall1                                             | 4.7            |            |      | 762           |                                                                                                                                                |
| Terminus Tract Drain @ Hwy 12                   | 544XTTHWT    | 11/15/2011  | 8:00            | Fall1                                             | 15.13          |            |      |               |                                                                                                                                                |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 531UDLTAJ    | 11/15/2011  | 10:40           | Fall1, Management Plan Monitoring, Non Contiguous | 0              |            |      |               | Non contiguous water body. November Management Plan Monitoring for chlorpyrifos. Discharge recorded as zero due to non contiguous water body.  |
| Walthall Slough @ Woodward Ave                  | 544WSAWAV    | 11/15/2011  | 10:40           | Fall1                                             | 2.41           | 6.77       |      | 708           |                                                                                                                                                |

NA - Not applicable; see comments.

**Sent: Thursday, November 17, 2011 at 2:52 PM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)

**Subject:** SJCDWQC Pesticide Exceedance Report-October 2011

**Attachments:** SJCDWQC\_11\_October\_ER\_Pesticides\_table\_100611.doc

Dear Chris,

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 October 6, 2011, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. This was considered the first storm event of 2011. All sites were sampled as contiguous waterbodies during this monitoring event. Finalized data were received from the organics laboratory on November 15, 2011. Exceedance level detections of chlorpyrifos were found in grab and field duplicate samples collected during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on October 10, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region again on November 15, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
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632 Cantrill Drive  
Davis, CA 95618

Tel: [530-756-5200](tel:530-756-5200)  
Fax: [530-756-5225](tel:530-756-5225)  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on October 6, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

Sample Site	Sample Date	Season	Sample Type	Chlorpyrifos, 0.015 µg/L
French Camp Slough @ Airport Way	10-06-2011	Storm 1	MPM, NM	0.097
French Camp Slough @ Airport Way-FD	10-06-2011	Storm 1	MPM, NM	0.092
Bear Creek @ North Alpine Rd	10-06-2011	Storm 1	NM	0.067
Walthall Slough @ Woodward Ave	10-06-2011	Storm 1	NM	0.078

**Sent: Monday, November 21, 2011 at 10:57 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad [tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)

**Subject:** SJCDWQC E.coli, nutrients and inorganics-October 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Inorganics\_October\_100611.xls

Dear Chris,

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 6, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals, and bacteria. Final data for this event were received from the laboratory on November 17, 2011. Exceedances of receiving water limitations for total dissolved solids (TDS) and *E. coli* occurred. All sites were sampled as contiguous waterbodies. Details on the sites, constituents sampled, and the 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 submitted on October 10, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on October 14, 2011 and November 15, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
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Fax: [530-756-5225](tel:530-756-5225)  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Inorganics\_October\_100611.xls

| Site Name                           | Monitoring Type | Station Code | Sample Date | E. Coli, (235 MPN/100) | TDS (450 mg/L) |
|-------------------------------------|-----------------|--------------|-------------|------------------------|----------------|
| Mokelumne River @ Bruella Rd        | NM              | 531XMRABR    | 10/6/2011   | 550                    |                |
| French Camp Slough @ Airport Way    | MPM, NM         | 531SJC504    | 10/6/2011   | >2400                  |                |
| French Camp Slough @ Airport Way-FD | MPM, NM         | 531SJC504-FD | 10/6/2011   | >2400                  |                |
| Terminus Tract Drain @ Hwy 12       | NM              | 544XTTHWT    | 10/6/2011   |                        | 510            |
| Roberts Island Drain @ Holt Rd      | NM              | 544RIDAHT    | 10/6/2011   |                        | 510            |
| Bear Creek @ North Alpine           | NM              | 531BCANAR    | 10/6/2011   | 490                    |                |

FD- field duplicate

MPM-Management Plan Monitoring

NM- Normal Monitoring

**Sent: Thursday, December 1, 2011 at 9:07 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Sediment Toxicity Exceedance Report-October 2011

**Attachments:** SJCDWQC\_11\_October\_ER\_Toxicity\_table\_Sediment\_101411.doc

Dear Chris,

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.) Irrigation sediment samples were collected for Normal Monitoring (NM) and Management Plan Monitoring (MPM) in the SJCDWQC region on September 20, 2011. Due to toxicity control failure, sediment samples were re-collected on October 14, 2011. Re-analysis of the original samples would have been outside of hold time. Sediment samples were analyzed for toxicity to *Hyaella azteca* at Assessment Monitoring and MPM locations. Of the sediment samples collected during this monitoring event, seven were toxic to *Hyaella azteca*. See attached Table 1 for details on toxicity results. Site pictures and flow data for these sampling events were provided to the CVRWQCB by email on October 19, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Additional chemistry for the analysis of pyrethroids (bifenthrin, cyfluthrin, cypermethrin, deltamethrin/tralomethrin, esfenvalenrate, lambda-cyhalothrin, permethrin, fenpropathrin) and chlorpyrifos will be performed on samples with significant toxicity equal to or less than 80% of the control. This is the second of two sediment sampling events conducted by the Coalition in 2011.

c.) All sites with toxic sediment results are currently in management plans for *Hyaella azteca* toxicity. Actions taken to address toxicity are discussed in the SJCDWQC Management Plan Update Report including schedules and rationale for MPM. Results from these analyses will be included in the Annual Monitoring Report (March 1, 2012) as

well as the Management Plan Update Report (April 1, 2012). All new exceedances requiring management plans as well as MPM results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: [530-756-5200](tel:530-756-5200)  
Fax: [530-756-5225](tel:530-756-5225)  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** Sediment toxicity in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on October 14, 2011 for SJCDWQC receiving waters.

Sample Site	Sample Date	Sample Type	<i>Hyaella azteca</i> , (% survival relative to control)
French Camp Slough @ Airport Way	10/14/2011	MPM	87
French Camp Slough @ Airport Way-FD	10/14/2011	MPM	81
Grant Line Canal near Calpack Rd	10/14/2011	MPM	87
Grant Line Canal @ Clifton Court Rd	10/14/2011	MPM	80 <sup>†</sup>
Kellogg Creek along Hoffman Ln	10/14/2011	MPM	62 <sup>†</sup>
Sand Creek along Hwy 4 Bypass	10/14/2011	MPM	80 <sup>†</sup>
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	10/14/2011	MPM	46 <sup>†</sup>

FD-Field Duplicate

MPM-Management Plan Monitoring

<sup>†</sup> Samples with 80% or less survival compared to the control will be analyzed for pyrethroids and chlorpyrifos.

--

**Sent: Tuesday, December 27, 2011 at 11:36 AM**

**From:** Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>

**To:** Chris Jimmerson <[cjimmerson@waterboards.ca.gov](mailto:cjimmerson@waterboards.ca.gov)>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <[fjohnson@mlj-llc.com](mailto:fjohnson@mlj-llc.com)>, John Brodie <[rvranglr@yahoo.com](mailto:rvranglr@yahoo.com)>, Lara Reising <[ltreising@gmail.com](mailto:ltreising@gmail.com)>, Melissa Turner <[mturner@mlj-llc.com](mailto:mturner@mlj-llc.com)>, "Michael L. Johnson" <[mbjohnson@ucdavis.edu](mailto:mbjohnson@ucdavis.edu)>, "Mike Wackman (E-mail)" <[michaelkw@msn.com](mailto:michaelkw@msn.com)>, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>, Rachelle Antinetti <[rantinetti@yahoo.com](mailto:rantinetti@yahoo.com)>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** Re: SJCDWQC Sediment Toxicity Exceedance Report-October 2011-amended

**Attachments:** SJCDWQC\_11\_October\_ER\_Toxicity\_table\_Sediment\_101411\_amended.doc

Dear Chris,

The calculated percent control values previously reported in the December 1, 2011 sediment toxicity exceedance report for the SJCDWQC have been updated (see attached Table1). The attached table includes updated percent control values for stations: French Camp Slough @ Airport Way (from 87 to 86), Grant Line Canal near Calpack Rd (from 87 to 86), Grant Line @ Clifton Court Rd (from 80 to 79) and Sand Creek @ Hwy 4 Bypass (from 80 to 79). This update does not affect whether or not the samples were toxic and therefore the only change to the exceedance report is to the percent control values reported.

Thanks,  
Rachel

On Thu, Dec 1, 2011 at 9:07 AM, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)> wrote:

Dear Chris,

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.) Irrigation sediment samples were collected for Normal Monitoring (NM) and Management Plan Monitoring (MPM) in the SJCDWQC region on September 20, 2011. Due to toxicity control failure, sediment samples were re-collected on October 14, 2011. Re-analysis of the original samples would have been outside of hold time. Sediment samples were analyzed for toxicity to *Hyaella azteca* at Assessment Monitoring and MPM locations. Of the sediment samples collected during this monitoring event, seven were toxic to *Hyaella azteca*. See attached Table 1 for details on toxicity results. Site pictures and flow data for these sampling events were provided to the CVRWQCB by email on October 19, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Additional chemistry for the analysis of pyrethroids (bifenthrin, cyfluthrin, cypermethrin, deltamethrin/tralomethrin, esfenvalenrate, lambda-cyhalothrin, permethrin, fenpropathrin) and chlorpyrifos will be performed on samples with significant toxicity equal to or less than 80% of the control. This is the second of two sediment sampling events conducted by the Coalition in 2011.

c.) All sites with toxic sediment results are currently in management plans for *Hyaella azteca* toxicity. Actions taken to address toxicity are discussed in the SJCDWQC Management Plan Update Report including schedules and rationale for MPM. Results from these analyses will be included in the Annual Monitoring Report (March 1, 2012) as well as the Management Plan Update Report (April 1, 2012). All new exceedances requiring management plans as well as MPM results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~

Rachel C. West  
Environmental Scientist  
Michael L. Johnson LLC  
632 Cantrill Drive  
Davis, CA 95618

Tel: [530-756-5200](tel:530-756-5200)

Fax: [530-756-5225](tel:530-756-5225)

--

**Table 1.** Sediment toxicity in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on October 14, 2011 for SJCDWQC receiving waters.

| Sample Site                         | Sample Date | Sample Type | <i>Hyaella azteca</i> ,<br>(% survival relative to control) |
|-------------------------------------|-------------|-------------|-------------------------------------------------------------|
| French Camp Slough @ Airport Way    | 10/14/2011  | MPM         | 86                                                          |
| French Camp Slough @ Airport Way-FD | 10/14/2011  | MPM         | 81                                                          |
| Grant Line Canal near Calpack Rd    | 10/14/2011  | MPM         | 86                                                          |
| Grant Line Canal @ Clifton Court Rd | 10/14/2011  | MPM         | 79 <sup>†</sup>                                             |

| Sample Site                                     | Sample Date | Sample Type | <i>Hyaella azteca</i> ,<br>(% survival relative to control) |
|-------------------------------------------------|-------------|-------------|-------------------------------------------------------------|
| Kellogg Creek along Hoffman Ln                  | 10/14/2011  | MPM         | 62 <sup>†</sup>                                             |
| Sand Creek along Hwy 4 Bypass                   | 10/14/2011  | MPM         | 79 <sup>†</sup>                                             |
| Unnamed Drain to Lone Tree Creek @ Jack Tone Rd | 10/14/2011  | MPM         | 46 <sup>†</sup>                                             |

FD-Field Duplicate

MPM-Management Plan Monitoring

<sup>†</sup> Samples with 80% or less survival compared to the control will be analyzed for pyrethroids and chlorpyrifos.

**Sent: Thursday, December 15, 2011 at 9:36 AM**

**From:** Rachel West <rwest@mlj-llc.com>

**To:** Chris Jimmerson <cjimmerson@waterboards.ca.gov>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <fjohnson@mlj-llc.com>, John Brodie <rvranglr@yahoo.com>, Lara Reising <ltreising@gmail.com>, Melissa Turner <mturner@mlj-llc.com>, "Michael L. Johnson" <mbjohnson@ucdavis.edu>, "Mike Wackman (E-mail)" <michaelkw@msn.com>, Rachel West <rwest@mlj-llc.com>, Rachele Antinetti <rantinetti@yahoo.com>, Terry Prichad <[tlprichard@ucdavis.edu](mailto:tlprichard@ucdavis.edu)>

**Subject:** SJCDWQC Field Exceedance Report-December 2011

**Attachments:** SJCDWQC\_FieldResults\_Discharge\_121311.xls;  
SJCDWQC\_Fall2\_Site\_Pics\_121311\_compressed.pdf

Dear Chris,

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 December 13, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted at sites in the SJCDWQC region. This was considered the second fall event of 2011. During sampling, field parameters were measured and one site was dry (Unnamed Drain to Lone Tree Creek @ Jack Tone Rd). Exceedances of receiving water limitations for specific conductance (SC) were detected during this sampling event. See the attached table for details on the exceedances as well as associated discharge. Site pictures taken from each of the monitoring sites during this event are also attached to this email as a pdf. A scanned copy of the field sheets is available upon request.

b.) Field parameters will be measured at sites in the SJCDWQC region during the next monitoring event scheduled for January 17, 2011.

c.) Elevated levels of specific conductivity are well documented in the Coalition region and have been consistently detected at some of the sampling sites, particularly in the Sacramento-San Joaquin Delta. Potential sources of salts and metals (detected in the field as conductivity) include upstream surface water, ground water, or drain water from irrigated agriculture. All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
Rachel C. West  
Environmental Scientist  
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632 Cantrill Drive  
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Tel: [530-756-5200](tel:530-756-5200)  
Fax: [530-756-5225](tel:530-756-5225)  
[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table. 1** SJCDWQC\_FieldResults\_Discharge\_121311.xls

Station Name	Station Code	Sample Date	Collection Time	Group	Discharge, cfs	SC, 700 $\mu$ S/cm	Comments
Bear Creek @ North Alpine Rd	531BCANAR	12/13/2011	9:40	Fall2	0.53		
French Camp Slough at Airport Way	531SJC504	12/13/2011	12:40	Fall2	2.76		
Mokelumne River @ Bruella Rd	531XMRABR	12/13/2011	8:30	Fall2	NA		Too deep to take discharge.
Roberts Island Drain @ Holt Rd	544RIDAHT	12/13/2011	12:30	Fall2	0.36	1449	
Terminus Tract Drain @ Hwy 12	544XTTHWT	12/13/2011	9:50	Fall2	40.34	705.5	
Unnamed Drain to Lone Tree Creek @ Jack Tone Rd	531UDLTAJ	12/13/2011	10:47	Fall2	NA		Dry site, no samples collected.
Walthall Slough @ Woodward Ave	544WSAWAV	12/13/2011	11:40	Fall2	1.39	712	

NA - Not applicable; see comments.

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**Sent: Wednesday, January 4, 2012 at 1:54 PM**

**From:** Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>

**To:** Chris Jimmerson <[cjimmerson@waterboards.ca.gov](mailto:cjimmerson@waterboards.ca.gov)>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <[fjohnson@mlj-llc.com](mailto:fjohnson@mlj-llc.com)>, John Brodie <[rvranglr@yahoo.com](mailto:rvranglr@yahoo.com)>, Lara Reising <[ltreising@gmail.com](mailto:ltreising@gmail.com)>, Melissa Turner <[mturner@mlj-llc.com](mailto:mturner@mlj-llc.com)>, "Michael L. Johnson" <[mbjohnson@ucdavis.edu](mailto:mbjohnson@ucdavis.edu)>, "Mike Wackman (E-mail)" <[michaelkw@msn.com](mailto:michaelkw@msn.com)>, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>, Rachelle Antinetti <[rantinetti@yahoo.com](mailto:rantinetti@yahoo.com)>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC E. coli, nutrient and inorganics Exceedance Report-November 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_November\_111511.xls

Dear Chris,

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 November 15, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals, and bacteria. French Camp Slough @ Airport Way, Littlejohns Creek @ Jack Tone Rd and Unnamed Drain to Lone Tree Creek @ Jack Tone Rd were all sampled as non contiguous waterbodies during this sampling event. Final data for this event were received from the laboratory on December 29, 2011. Exceedances of receiving water limitations for total dissolved solids (TDS) and nitrate-nitrite occurred. Details on the sites, constituents sampled, and the 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 submitted on November 17, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on December 13, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Michael Johnson

Thanks,

~~~~~  
 Rachel C. West  
 Environmental Scientist  
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**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_November\_111511.xls

| Site Name                      | Monitoring Type | Station Code | Sample Date | TDS, (450 mg/L) | Nitrate-Nitrite, as N (10 mg/L) |
|--------------------------------|-----------------|--------------|-------------|-----------------|---------------------------------|
| Terminus Tract Drain @ Hwy 12  | NM              | 544XTTHWT    | 11/15/2011  | 650             |                                 |
| Walthall Slough @ Woodward Ave | NM              | 544WSAWAV    | 11/15/2011  | 470             | 11                              |

NM- Normal Monitoring

**Sent: Thursday, January 12, 2012 at 1:42 PM**

**From:** Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>

**To:** Chris Jimmerson <[cjimmerson@waterboards.ca.gov](mailto:cjimmerson@waterboards.ca.gov)>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <[fjohnson@mlj-llc.com](mailto:fjohnson@mlj-llc.com)>, John Brodie <[rvranglr@yahoo.com](mailto:rvranglr@yahoo.com)>, Lara Reising <[ltreising@gmail.com](mailto:ltreising@gmail.com)>, Melissa Turner <[mturner@mlj-llc.com](mailto:mturner@mlj-llc.com)>, "Michael L. Johnson" <[mbjohnson@ucdavis.edu](mailto:mbjohnson@ucdavis.edu)>, "Mike Wackman (E-mail)" <[michaelkw@msn.com](mailto:michaelkw@msn.com)>, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>, Rachelle Antinetti <[rantinetti@yahoo.com](mailto:rantinetti@yahoo.com)>, Terry Prichad <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC Pesticide Exceedance Report-November 2011

**Attachments:** SJCDWQC\_11\_November\_ER\_Pesticides\_table\_111511.doc

Dear Chris,

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 November 15, 2011, Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. This was considered the first fall event of 2011. French Camp Slough @ Airport Way, Littlejohns Creek @ Jack Tone Rd and Unnamed Drain to Lone Tree Creek @ Jack Tone Rd were all sampled as non contiguous waterbodies during this monitoring event. Finalized data were received from the organics laboratory on January 6, 2012. An exceedance level detection of chlorpyrifos was found in the MPM sample collected from Littlejohns Creek @ Jack Tone Rd during this monitoring event. See attached Table 1 for details on these exceedances. Site pictures and flow data for all sites monitored during this sampling event were provided to the CVRWQCB by email on November 17, 2011 and are also available on the MLJ-LLC Sharepoint Website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b.) Samples were collected from sites in the SJCDWQC region again on December 13, 2011.

c.) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be reported in the SJCDWQC Management Plan yearly Update Report to be submitted on April 1, 2012.

Mike Johnson

Thanks,

~~~~~  
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**Table 1.** Pesticide exceedances from the SJCDWQC region in samples collected during Normal Monitoring (NM) and Management Plan Monitoring (MPM) on November 15, 2011. The water quality trigger limit (WQTL) is listed below the constituent header.

Sample Site	Sample Date	Season	Sample Type	Chlorpyrifos, 0.015 µg/L
Littlejohns Creek @ Jack Tone Rd	11-15-2011	Fall 1	MPM	0.022

MPM-Management Plan Monitoring

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**Sent: Wednesday, January 18, 2012 at 1:43 PM**

**From:** Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>

**To:** Chris Jimmerson <[cjimmerson@waterboards.ca.gov](mailto:cjimmerson@waterboards.ca.gov)>

**Cc:** [vguis@ag.cccounty.us](mailto:vguis@ag.cccounty.us), Francisca Johnson <[fjohnson@mlj-llc.com](mailto:fjohnson@mlj-llc.com)>, John Brodie <[rvranglr@yahoo.com](mailto:rvranglr@yahoo.com)>, Lara Reising <[ltreising@gmail.com](mailto:ltreising@gmail.com)>, Melissa Turner <[mtturner@mlj-llc.com](mailto:mtturner@mlj-llc.com)>, "Michael L. Johnson" <[mbjohnson@ucdavis.edu](mailto:mbjohnson@ucdavis.edu)>, "Mike Wackman (E-mail)" <[michaelkw@msn.com](mailto:michaelkw@msn.com)>, Rachel West <[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)>, Rachelle Antinetti <[rantinetti@yahoo.com](mailto:rantinetti@yahoo.com)>, Terry Prichard <[tprichard@ucdavis.edu](mailto:tprichard@ucdavis.edu)>

**Subject:** SJCDWQC E.coli, nutrient, inorganics and metals Exceedance Report-December 2011

**Attachments:** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_December\_121311.xls

Dear Chris,

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 December 13, 2011 Normal Monitoring (NM) and Management Plan Monitoring (MPM) were conducted in the SJCDWQC region. Water was collected for the analysis of physical parameters, nutrients, metals, and bacteria. All sites that were sampled were sampled as contiguous waterbodies during this event. Final data for this event were received from the laboratory on January 16, 2011. Exceedances of receiving water limitations for total dissolved solids (TDS) and nitrate-nitrite occurred. Details on the sites, constituents sampled, and the 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 submitted on December 15, 2011 and are available on the MLJ-LLC sharepoint website (<http://sharepoint.mlj-llc.com/mlj-db/database/forms/allitems.aspx>).

b) Sampling occurred at sites in the SJCDWQC region again on January 17, 2011.

c) All new exceedances requiring Management Plans as well as Management Plan Monitoring results will be evaluated in the SJCDWQC Annual Management Plan Update Report due April 1, 2012.

Thanks,

~~~~~

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[rwest@mlj-llc.com](mailto:rwest@mlj-llc.com)

**Table 1.** SJCDWQC\_ER\_11\_E.coli\_Nutrients\_Inorganics\_December\_121311.xls

| Site Name                      | Monitoring Type | Sample Date | TDS, (450 mg/L) | Nitrate-Nitrite, as N (10 mg/L) |
|--------------------------------|-----------------|-------------|-----------------|---------------------------------|
| Roberts Island Drain @ Holt Rd | NM              | 12/13/2011  | 980             |                                 |
| Walthall Slough @ Woodward Ave | NM              | 12/13/2011  | 480             | 14                              |

NM- Normal Monitoring