EXECUTIVE OFFICERS REPORT
North Coast Regional Water Quality Control Board

November 2011

Resource Analysis Covering the Last Decade

The following charts were developed by the Colorado River Basin Regional Board based on information that is readily available on SWRCB records.

The first chart shows the relative cuts by regional board and SWRCB. Our region has sustained the second largest percentage of cuts. Over all the regional boards shrunk from 1028 total to 816 total while the SWRCB stayed in the 660 range throughout the decade. So one might argue the SWRCB grew by 200 at the expense of the RBs by not sharing in the painful cuts.

Fiscal Year	R1	R2	R3	R4	R5	R6	R7	R8	R9	All RB	SWRCB
2000-01	**105.7**	**137.4**	**75.8**	**174.3**	**250.4**	70.7	**49.8**	88.6	**75.5**	**1028**	663.7
2001-02	104.2	135.5	72.4	171.2	246.7	**71.5**	48.8	**89.4**	72.2	1012	664.5
2002-03	95.3	123.9	70.9	152.2	233.6	61.8	46.1	82.3	69.9	936	658
2003-04	91.1	116.7	65.6	146.9	222.9	57.5	39.4	73.6	66.6	880.3	618.3
2004-05	85.4	113.4	66.8	141.9	237.7	56.9	39.4	75	68	884.5	590.4
2005-06	82.8	113.2	68.1	142.9	243.1	57.4	39.1	74.5	67.8	888.9	604.4
2006-07	82.9	113.3	68	144	244	57.9	37.8	73.9	68.6	890.4	631.4
2007-08	81.9	113.1	68.6	152.6	253.6	60.8	37.8	73.4	70.1	911.9	659.2
2008-09	77.8	111	66.1	152.4	247.7	60.9	36.3	71.8	68.8	892.8	660.3
2009-10	74.7	106.5	62.6	146.6	236.3	58.4	33.9	67.4	65.9	852.3	**679.1**
2010-11	72.5	102.7	59.9	141.6	225.7	56.2	33	64.2	62.7	818.5	664.5
2011-12	71.5	101.9	59.9	141.6	225.7	56.2	33	64.2	62.7	816.7	664
Overall % Reduction	32%	26%	21%	19%	10%	21%	34%	28%	17%	21%	0.0%

The maximum Pys in this period is underlined and bold.

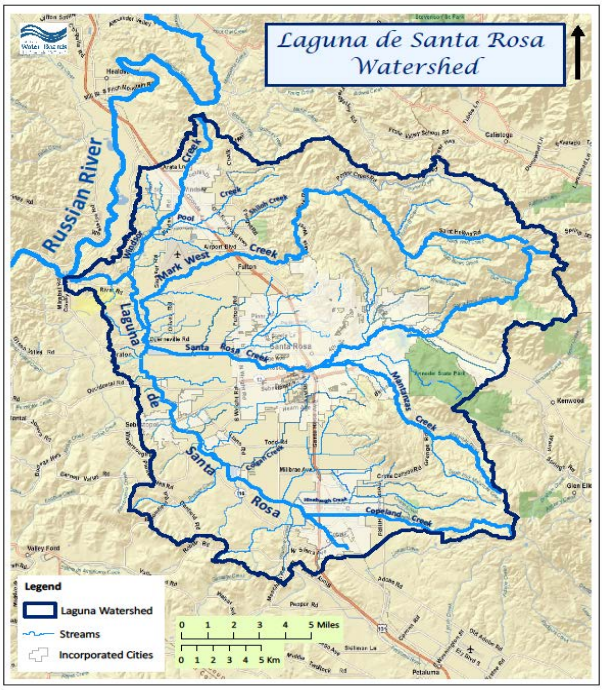
This chart shows the changes in staffing within the SWRCB.

Fiscal Year	EXEC	OIT	OE	DIT	OCC	OIMA	OLPA	OSI	DWQ	DWR	DCWP	DFA	DAS	SUM	SWRCB
2000-01	**46.3**	26.8	0	0	**46.8**	0	12.3	0	118.1	108.7	**190.4**	0	114.3	663.7	663.7
2001-02	47	31.1	0	0	46.8	0	12.3	0	119	108.4	185.5	0	114.4	664.5	664.5
2002-03	46.3	30.9	0	0	45.7	0	11.4	0	135.4	103.3	0	171.8	113.2	658	658
2003-04	42.6	48.7	0	0	42.8	0	11.4	0	127.9	80	0	157.2	107.7	618.3	618.3
2004-05	17.7	**51.9**	0	0	41.6	0	12.5	0	130.6	72.7	0	154.8	108.6	590.4	590.4
2005-06	19.5	51	0	0	43	0	12.3	0	132.9	72.9	0	161.8	111	604.4	604.4
2006-07	18.6	0	16.7	**50**	43.9	0	12.3	10.8	128.8	78.9	0	163.4	108	631.4	631.4
2007-08	16.8	0	**54.5**	0	19.9	**43.3**	16.2	10.6	**173.4**	**109.1**	0	82.1	**133.3**	659.2	659.2
2008-09	16.8	0	21.5	36.3	42.7	31.9	**16.7**	12.5	122.2	81.6	0	171.7	106.4	660.3	660.3
2009-10	16.5	0	21.4	30.9	40.7	37.4	16.5	12.3	120.3	105.3	0	**172.3**	105.5	**679.1**	**679.1**
2010-11	19.9	0	22.9	28.8	39.1	36.3	16.2	**14.1**	115.5	105.8	0	164.2	101.7	664.5	664.5
2011-12	19.8	0	22.9	28.8	39.1	36.3	16.1	14.1	116.4	104.8	0	164.2	101.5	664	664
Overall % Reduction 2001-2011	57%		-37%	42%	16%	16%	-31%	-31%	1%	4%		4%	11%	0%	0.0%

Update on the Laguna de Santa Rosa TMDLs

Rebecca Fitzgerald

Regional Water Board staff is developing total maximum daily loads (TMDLs) for the Laguna de Santa Rosa to address nitrogen, phosphorus, dissolved oxygen, temperature and sediment impairments.



The Laguna de Santa Rosa is a major tributary of the Russian River and drains a 254 square mile watershed in Sonoma County, California. Major tributaries to the Laguna de Santa Rosa include Windsor Creek, Mark West Creek, Santa Rosa Creek, Blucher Creek, and Copeland Creek.

Technical TMDL Development

Over the last several months, staff has been gathering data, researching, modeling conditions, and writing several technical chapters for the TMDLs. These include the problem statement chapter, the nutrient and dissolved oxygen source analysis, and the nutrient and dissolved oxygen linkage analysis which will evaluate the dynamic between inputs from the landscape and the resulting conditions in the stream channel.

Staff also conducted additional water monitoring over the summer. Staff placed DataSondes in several tributary creeks to help assess dissolved oxygen levels by recording dissolved oxygen concentrations throughout the diel cycle. Flow data were also collected throughout the watershed this summer to help support the temperature source analysis.

Changes to Water Quality Standards

Concurrent with the technical TMDL development effort, staff is also working on several amendments to the beneficial uses and water quality objectives of the Laguna. First, the region-wide Basin Plan Amendment for Dissolved Oxygen will play a critical role in the Laguna TMDLs by replacing the current dissolved oxygen water quality objectives with salmonid life cycle-based objectives that provide protection against both acute and chronic stress. As part of this amendment, staff is also considering how to best develop dissolved oxygen objectives for the wetland and lake-like portions of the mainstem Laguna.

Second, staff is evaluating amending the beneficial uses of the Laguna watershed to include the Flood Peak Attenuation/Flood Water Storage, Wetland Habitat, Water Quality Enhancement, and Subsistence Fishing uses, and to perhaps refine the Warm Freshwater Habitat and Cold Freshwater Habitat uses to better define geographic and temporal uses.

Stakeholder Involvement

Staff has also been talking with stakeholders in the Laguna community. In March 2011, staff presented preliminary nutrient source analysis results to representatives of the regulated community, municipalities, resource conservation districts, the Laguna Foundation, and the environmental community. Staff also gave brief updates at the Sonoma County Farm Bureau's Natural Resources and Environment Committee in March and June, and is participating in the Laguna Foundation's Ludwigia Task Force. Future workshops, presentations, and

stakeholder discussions will be scheduled as key sections of the technical analyses are completed, during the development of the implementation plan, and following release of the draft TMDLs for public review.

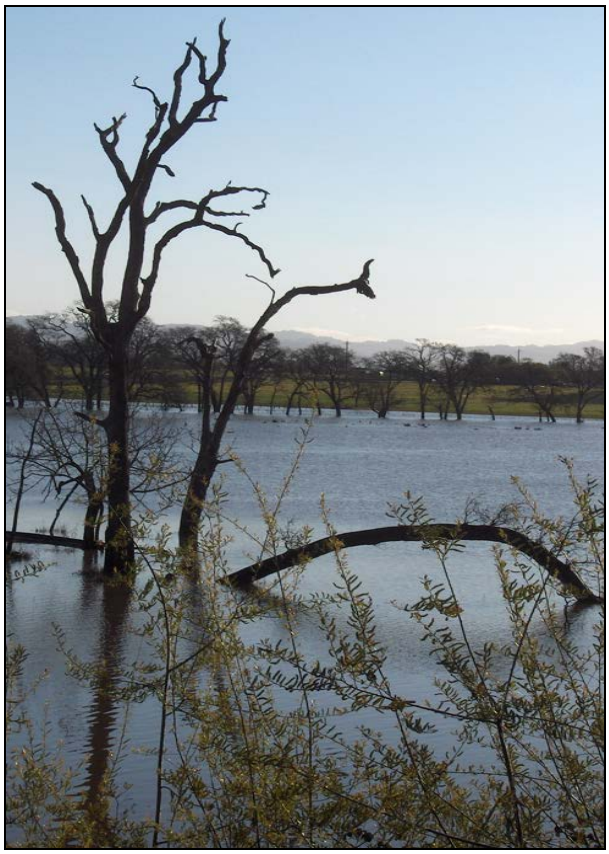
Schedule

The current schedule for completion of the Laguna TMDLs is shown below.

Activity	Timeframe
Stakeholder Involvement	Ongoing
Nutrient & DO Analyses	Spring 2012
Sediment & Temperature Analyses	Summer 2012
Implementation Plan	Fall 2012
Scientific Peer Review & CEQA	Winter 2012
Public Review	Spring 2013
Regional Board Consideration	Summer 2013

For More Information

Additional information is available on our website:at:http://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/laguna_de_santa_rosa/ or by contacting Rebecca Fitzgerald at 707-576-2650 or rfitzgerald@waterboards.ca.gov.



Laguna de Santa Rosa near Occidental Road

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Update on Water Quality Assessment - The 305(b) and 303(d) Integrated Report

Rebecca Fitzgerald

California combines the 305(b) Surface Water Quality Assessment and the 303(d) List of Impaired Waters into a single process known as the Integrated Report, satisfying the requirements of both sections 305(b) and 303(d) of the federal Clean Water Act.

Background

The Clean Water Act gives states the primary responsibility for protecting and restoring water quality. Under CWA Section 305(b) states are required to report biennially to the U.S. Environmental Protection Agency (USEPA) on the water quality conditions of their surface waters. The USEPA then compiles these assessments into their biennial "National Water Quality Inventory Report" to Congress.

Under CWA Section 303(d) states are required to review, make changes as necessary, and submit to the USEPA a list identifying waterbodies not meeting water quality standards and identifying the water quality parameter (i.e., pollutant) not being met. Placement on this list generally triggers development of a pollution control plan called a total maximum daily load (TMDL) for each waterbody-pollutant-pair on the list.

The 2008-2010 Integrated Report

The current version of the report is the 2008-2010 Integrated Report, which was approved by the USEPA on November 12, 2010, for waters within the North Coast Region. The USEPA did not make any changes to the 303(d) List that was approved by the North Coast Regional Water Board in June 2009.

The 2012 Integrated Report

North Coast Regional Water Board staff is working closely with State Water Board staff to assess data and develop the 2012 Integrated Report.

State Water Board staff is developing lines of evidence for each data set for each waterbody-pollutant-pair (e.g., Big River for temperature, Klamath River for dioxin). Lines of evidence describe the data, quality control information, the water quality objective to which the data are compared, and how many times the data exceed that objective.

As lines of evidence are completed, Regional Water Board staff will determine if the evidence is sufficient to classify a waterbody as supporting beneficial uses, lacking enough data, or not supporting beneficial uses (i.e., impaired) for a particular pollutant. Staff will describe the basis for each determination in a decision. Fact sheets for each waterbody-pollutant-pair will include a decision and supporting lines of evidence.

The development of the Integrated Report, including lines of evidence and decisions, is accomplished according to the State Water Board's 2004 "Water Quality Control Policy for Developing California's Clean Water Act Section 303(d) List," also known as the Listing Policy.

Data Currently Being Assessed

The data and information listed in the following table are being assessed by Water Board staff as part of the 2012 Integrated Report. These data are limited to waters in the North Coast Region and were submitted by members of the public, stakeholders, and Water Board staff. Data and information submitted by August 30, 2010, are being evaluated as part of the 2012 Integrated Report cycle.

Waterbody	Pollutant
Big River & Berry Gulch	Temperature, DO, pH, Specific Conductivity
Eel River	Algae
Elk River, Little South Fork	Sediment
Elk River, South Fork	DO, Turbidity
Freshwater Creek	Sediment
Humboldt Bay	Indicator Bacteria
Humboldt Bay Tributaries	Indicator Bacteria
Klamath River	Dioxin, Pesticides, Metals/Metalloids, Sediment, Modeling Info on Landslide Potential
Klamath Project and Tule Lake	Metals, Pesticides, Nutrients
Mark West Creek	Various
Mendocino Coast Streams	Metals/Metalloids, Nutrients, Sediment, Misc.
Pudding Creek	Temperature
Redwood Creek	Sediment, Temperature, Misc.
Region-wide	Pesticides (Mussel Watch Data), Various (SWAMP Data)
Region-wide Lakes	Mercury in Fish Tissue
Russian River	Indicator Bacteria, Algae, Ludwigia
Scott River	Flow, Nutrients, Bacteria, DO, pH, Temperature
Shasta River	DO, Temperature, Flow, Algae, Nutrients, Metals/Metalloids, Misc.

Schedule

The estimated schedule for the 2012 Integrated Report is shown below.

Activity	Timeframe
Develop Lines of Evidence	Winter 2012
Develop Decisions	Spring 2012
Develop Staff Report	Summer 2012
Public Review	Fall 2012
Regional Board Consideration	Fall/Winter 2012
State Board Consideration	Summer 2013
EPA Consideration	Fall/Winter 2013

For More Information

Additional information is available on our website at: http://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/303d/ or by contacting Katharine Carter at 707-576-2290 or kcarter@waterboards.ca.gov

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Austin Creek Materials Aggregate Washing Fines Disposal

Paul Keiran

Based on a North Coast Regional Water Board California Water Code Section 13267(b) Order and follow-up Notice of Violation, the Bohan and Canelis Quarry-Austin Creek Ready Mix (dba Austin Creek Materials) facility in Cazadero, Sonoma County, has made major changes to their crushed stone, sand, and gravel (aggregate) washing operations. Due to water quality concerns related to disposal of aggregate washing fines in pits near Austin Creek, the Regional Water Board Order required a full description of the quarry's washing, drying, and disposal practices, as well as sampling of wash fines.

Former Fines Drying Pits

These fines are created as newly crushed aggregate is washed clean of sand and dirt. The resulting fines slurry may include metals and other pollutants. The fines must be dried prior to further handling. Previously, the fines were discharged via cement trucks into large drying pits on property immediately adjacent to Austin Creek. Drying time for the fines ranges from 2 to 3 months. Regional Water Board staff became concerned that these drying pits were located directly over the underflow of Austin Creek, and that the decanting of fines may be resulting in the discharge of elevated levels of metals (which become highly mobilized within the fines during the crushing and washing operations), and other pollutants into the underflow of Austin Creek and potentially into Austin Creek itself.

Sampling of fines revealed elevated levels of several metals and elevated pH. Austin Creek Materials has now abandoned the pits as a drying process, and has installed a new batch treatment system for aggregate wash fines. The new system includes the use of a clarifier silo and several flocculants to separate fines from water. Air and water jets provide additional separation, with final drying occurring in a new set of concrete drying basins. Fines can be removed from these basins within 4-5 days via front end loader. All of the wash water (with fines removed) is recycled for further aggregate washing or as feedstock for new concrete products. The former drying pits adjacent to Austin Creek are no longer in use and will be backfilled with clean gravel. The location of the new aggregate wash system, and the reuse of all treated wash water will greatly reduce the potential for release of pollutants in wash fines to Austin Creek.

Present Final Stage Drying Basins

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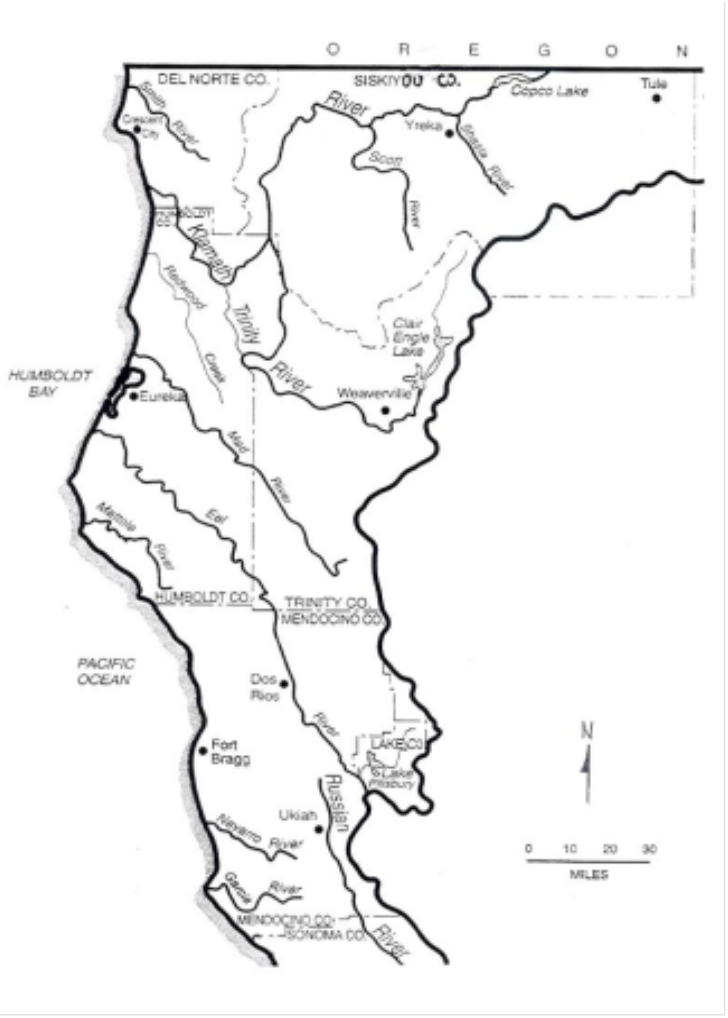
Update on Development of Waiver for County Road Maintenance Activities

Andrew Baker

Regional Water Board staff continue to work with the *Five Counties Salmonid Conservation Program* (5C Program) staff on developing a conditional waiver of waste discharge requirements for County road maintenance activities in the northern five counties of our region. We received comments on the draft waiver from the 5C, which were incorporated into the document. 5C staff has also provided the draft waiver to the various county personnel for their comments, which we are reviewing and incorporating. We have also drafted the CEQA documentation and anticipate recommending a mitigated negative declaration for the project. Staff anticipates completing all draft permit documents in early 2012.

In related news, the Siskiyou County Board of Supervisors recently debated whether to continue its participation in the 5C Program. They agreed it was valuable, and agreed to continue their participation. Their renewed commitment to the program bodes well for its ultimate success at protecting water quality.



The Northwestern Region of California, indicating the five counties and their major rivers

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Enforcement Report
Diana Henrioulle

Enforcement Orders may be viewed by following the Enforcement link on the Regional Water Board's web home page.

http://www.waterboards.ca.gov/northcoast/water_issues/programs/enforcement/

Enforcement Report for November 2011 Executive Officer's Report

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
8/23/11	Crescent City	ACLC	MMPs	Waived hearing rights and entering into settlement discussions.

Comments: On August 23, 2011, the Regional Water Board Assistant Executive Officer (AEO) issued Administrative Civil Liability Complaint (ACLC) No. R1-2011-0093 to the City of Crescent City WWTP proposing a penalty of $186,000 for violations subject to Mandatory Minimum Penalties (MMPs). The Discharger has responded by letter expressing willingness to waive the right to a hearing within 90 days and to enter settlement discussions with prosecution staff. Accordingly, the prosecution team has withdrawn the hearing notice and removed the hearing from the November 3, 2011 Board meeting.

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
8/23/11	Joung Min Yi	CAO	Unpermitted sediment discharges to watercourse within the Upper Main Eel River watershed	In violation of CAO

Comments: On August 23, 2011, the Regional Water Board AEO issued a Cleanup and Abatement Order No. R1-2011-0089 to Joung Min Yi for discharges and threatened discharges of sediment and organic material to watercourses tributary to Outlet Creek, near Highway 101 north of Willits, in Mendocino County. These violations are associated with construction of two large earthen fill pads, totaling approximately 17,500 cubic yards of material, providing working surfaces for marijuana cultivation. The Order requires the Discharger to submit and implement workplans and monitoring plans to address the violations onsite by removing unstable fill materials and restoring the site, and to document and report on abatement efforts.

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
9/20/11	Patricia and Thomas Plowright	NOV	Violation of CAO	Nothing to report at this time

Comments: On September 20, 2011, the Regional Water Board AEO issued a Notice of Violation to Patricia and Thomas Plowright for violation of Cleanup and Abatement Order No. R1-2011-0014 issued January 18, 2011.

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
10/10/11	Joung Min Yi	NOV	Violation of a CAO	Nothing to report at this time

Comments: On October 10, 2011, the Regional Water Board AEO issued a Notice of Violation to Joung Min Yi for failure to complete plans within the timeframes specified under CAO R1-2011-0089.

Date Issued	Dischargers	Action Type	Violation Type	Status as of October 13, 2011
10/07/11	18 Individual Industrial Storm Water General Permit Enrollees	NOV	Violation for failure to submit required annual reports	Nothing to report at this time

Comments: Second Notices of Violation were sent out October 7, 2011 to 18 Individual Industrial Stormwater General Permit enrollees who have failed to submit required annual reports for their facilities.

Date Issued	Dischargers	Action Type	Violation Type	Status as of October 13, 2011
05/26/11	Pacific Gas and Electric Company and College of the Redwoods	NOV	Violations of the Construction General Storm Water Permit	Compliance has improved

Comments: U.S. EPA contractors performed inspections of construction sites throughout the North Coast Region in April 2011. Violations were found at these two construction sites.

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
05/18/11	C Renner Petroleum, Crescent City	NOV	Violations of Industrial Storm Water Permit	Violations addressed

Comments: On May 18, 2011 Regional Water Board staff issued a Notice of Violation and Request for Corrective Action to C Renner Petroleum in Crescent City. Violations include 1) Failure to maintain the Storm Water Pollution Prevention Plan onsite and 2) inadequate Best Management Practices. The discharger has corrective the violations and the violation has been closed.

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
05/18/11	First Transit Inc., Crescent City	NOV	Violations of Industrial Storm Water Permit	Violations addressed

Comments: On May 18, 2011, Regional Water Board staff issued the Discharger a Notice of Violation and Request for Corrective Action. Violations were documented during a Mach 2011 inspection and included 1) unpermitted discharges from vehicle washing and detailing, 2) potentially inadequate sampling procedures and locations. The Discharge has halted discharge to the storm drain and submitted modification to its SW3P related to sampling procedures and locations. The violation has been corrected.

Date Issued	Discharger	Action Type	Violation Type	Status as of October 13, 2011
07/2711	A-1 Auto Wreckers	NOV and 13267 Order	Violations of Industrial Storm Water Permit	No response from Discharger

Comments: Based on observations made during a March 2001 inspection, numerous potential violations of the General Industrial Storm Water Permit were noted. On July 7, 2011 Regional Water Board staff issued a Notice of Violation and a 13267(b) request for information regarding the facility's operation. A September 25, 2011 deadline for submission of the information was established. We have had no written response from the discharger.

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