



July 18, 2011

HAND DELIVERED

California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, #1400
Oakland, CA 94612

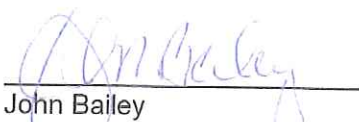
Attention: Ms. Tong Yin, Ph.D., P.E.

Re: Self-Monitoring Program Reports
Novato Wastewater Treatment Plant

Enclosed please find the June 2011 Monthly Self Monitoring Report for the Novato Wastewater Treatment Plant, and the Reclamation area. This report was prepared by Linda Candelaria, Laboratory Supervisor.

"I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,


John Bailey
Project Manager
Veolia Water West

- ☐ NPDES violations noted this month
- ☐ Wastewater was diverted to Reclamation for irrigation this month.
- ☐ Wastewater treatment violations noted this month - see attached Evaluation of Violations Report.
- ☒ Reclamation facility violations noted this month - see attached Evaluation of Violations Report.
- ☐ Overflows occurred this month- see attached Overflow Report



**NOVATO SANITARY DISTRICT
VEOLIA WATER WEST OPERATING SERVICES**

SELF MONITORING PROGRAM

for

THE NOVATO WASTEWATER TREATMENT PLANT

and

RECLAMATION AREA

NOVATO SANITARY DISTRICT SELF-MONITORING PROGRAM

Novato Plant

For: June 2011

NOTES

ANALYTICAL NOTE:

- All BOD analysis is analyzed by Standard Methods 5210 B.
- All TSS analysis is analyzed by Standard Methods 2540 D.
- The District initiated a TIE on February 16, 2011, due to the February 2, 2011 chronic toxicity EC₂₅ (%) result of 8.6 TUc. The Water Board staff has received reports of the Phase I TIE report with the results of the initial findings under a separate correspondence dated March 23, 2011. Part of the first phase of the TRE plan is to investigate the District's internal process streams. A chronic toxicity test was initiated on March 28, 2011 and another chronic toxicity test was initiated on April 18, 2011 as part of the internal processes investigation. The chronic toxicity test initiated in April resulted in a 43.5 TUc value. Water Board was notified and a TIE was completed on the April samples; this was initiated on May 10, 2011. Another TIE was initiated on June 23, 2011. The District has not yet received the report from the laboratory; the report will be forwarded as soon as the District is in receipt of it.
- Note that all analytical results with a "0.0" value in the report represents a "ND" value.
- All ammonia values are reported down to the "reporting limit" of 0.1 mg/L.
- A "J" symbol reflects estimated analytical result value detected below the Reporting Limit (R.L.) and above the Method Detection Limit (MDL). The "J" flag is equivalent to the DNQ Estimated Concentration flag.
- Value results of "< 1.0" are reported as "1.0 MPN/100 mL to complete the calculation of the geometric mean.

REPORT NOTE:

- Values are reported to significant figures, as required by permit limits.
- All laboratory values with "J" or "DNQ" values are "estimated concentration" values. The electronic system does not accommodate written parameters; this notification is to satisfy requirement E-11, 4b. of the District's NPDES permit of identifying all "J" or "DNQ" values as "estimated concentration" values.
- Below is a summary of the last 11 chronic toxicity reports

Novato Sanitary District
Self-Monitoring Report – June NPDES / Reclamation 2011

Tabular Summary of Effluent Test Results (most sensitive endpoint) Chronic Toxicity Testing

Test Date	Apr-10	May-10	Jun-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
EC ₂₅	14.1	>100	>100	>100	10.8	>100	>100	11.6	58	2.3
NOEC	12.5	100	<6.25	100	12.5	100	100	6.25	50	<6.25
Tuc (100/EC ₂₅)	7.1	<1.0	<1.0	<1.0	9.3	<1.0	<1.0	8.6	1.7	43.5

The following constituents have been detected within one order of magnitude of its applicable water quality objective.

Constituent	Result (ug/L)	WQO (ug/L)
Copper	2.4	13
Nickel	3.6	30
Zinc	26	86

OPERATION NOTE:

The District transitioned from bay discharge to the reclamation on June 1, 2011. With permission from the Regional Water Quality Control Board, the District resumed bay discharge on June 14, 2011. This was necessary due to high water levels in the reclamation storage ponds.

VIOLATIONS FOR JUNE 2011

NPDES VIOLATION (DISCHARGE)	PARAMETER	RESULT	DATE
NONE			

WDR VIOLATION (RECLAMATION)	PARAMETER	RESULT	DATE
E-004	pH	9.2	6/09/2011
E-004	pH	9.1	6/13/2011
E-007	pH	9.9	6/21/2011
E-008	pH	9.9	6/21/2011

<p style="text-align: center;">Novato Sanitary District Self-Monitoring Report – June NPDES / Reclamation 2011</p>
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EVALUATION OF VIOLATIONS FOR JUNE 2011

pH WDR - E-008: A wide fluctuation in pH is normal for pond operations. This is a naturally occurring condition due primarily to photosynthesis and the oxygen / carbon dioxide cycle.

Note - An online technical article describing this cycle can be found at:
http://aquaninc.org/publicat/usda_rac/efs/srac/464fs.pdf . **No discharge from this location occurs.**

COLLECTION SYSTEM OVERFLOWS FOR JUNE 2011

The Novato Sanitary District Collection System had no overflows for the month of June 2011.

No Spill Certification Confirmation number 2293279.