Novato Sanitary District Self-Monitoring Program

Report for: **May 2011**

The State Department of Health Services, Environmental Laboratory Accreditation Program, certifies the Novato Sanitary District Laboratory to perform the following analysis:

ALKALINITY	pH
AMMONIA NITROGEN	SETTLEABLE SOLIDS
BOD	SPECIFIC CONDUCTANCE
CHLORINE RESIDUAL	TOTAL SUSPENDED MATTER
TOTAL COLIFORM	TEMPERATURE
DISSOLVED OXYGEN	ENTEROCOCCI
FISH TOXICITY BIOASSAY	TURBIDITY
HARDNESS	FECAL COLIFORM
ACUTE TOXICITY	

The following analyses were performed this month by the following certified contract laboratories:

CALTEST ANALYTICAL LABORATORY, 1855 N. Kelly Rd. Napa CA 94558

CYANIDE	OIL AND GREASE
EPA 1631- Low Level Mercury	METALS
BOD	Un-ionized Ammonia
ENTEROCOCCUS	FECAL COLIFORM
AMMONIA	AMMONIA

AQUA-Science, ENVIRONMENTAL TOXICOLOGY CONSULTANTS
17 Arboretum Drive, Davis, CA

CHRONIC TOXICITY

Novato Sanitary District Self-Monitoring Program

Data for: MAY 2011

WASTEWATER RECLAMATION

Wildlife Pond - Weekly Inspection Report

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
DATE	5/06/2011	5/11/2011	5/19/2011	5/26/2011	5/31/2011
Circulation Rate (mgd)	1.5	1.5	1.5	1.5	1.5
Water Depth (feet)	6.0	5.8	5.6	5.6	5.4
Wildfowl Present	>100	~25	~15	~10	~15
Dead Animals	None	None	None	None	None
Plant Growth	Green	Green	Thick	Thick	Thick
Cattails & Bulrushes	Green	Green	Green	Green	Green
Plant Growth in Pond	None	None	None	None	None
Mosquitoes/Larvae	Absent	Absent	Absent	Absent	Absent
Algal/Plant Scum	None	None	None	None	None
Levee Damage	None	None	None	None	None

NOTES:

Standard Observations for May 2011
Plant Effluent Observations

Pond Observations

Reclamation Site	Freeboard (ft)	Leaching	Odor
Date:5/06/2011			
Time:1220			
By: KB2/KB			
Irrigation Pond 1	8.0	None	None
Irrigation Pond 2	2.0	None	None
Wildlife Pond	4.0	None	None
Sludge Pond 1	2.0	None	None
Sludge Pond 2	1.0	None	None
Sludge Pond 3	3.0	None	None
Sludge Pond 4	1.0	None	None
Sludge Pond 5	2.0	None	None
Sludge Pond 6	3.0	None	None
Ignacio Plant			
Date: 5/06/2011			
Time:1205			
By: KB/KB2			
Sludge Pond 1	1.0	None	None
Sludge Pond 2	1.0	None	None

Periphery of Waste Treatment and/or Disposal Facilities Observations

For Month of May 2011

Novato Plant

Station	Weather Conditions		Cloudy, Rain Odor					Observation Date	5/16/11
Operator: JT	Wind Direction	Estimated Velocity	Precense/ Absence	Characterizations	Source	Distance of travel	Wind Direction	Operator: JT	Novato Station E-002
1 - Plant entrance gate fence line	Avg 4mph	East to Southeast	A					Material of Waste Origin	
2 - Decommissioned Secondary Clarifier #1fence line			A					Floating	
3 - Decommissioned Secondary Clarifier #2 old MCC Building			A					Suspended	
4 - Decommissioned Blower Building fence line			A					Odor	
5 - NW corner of Primary Clarifier Odor Control Area			P	Slight to Moderate Foul Air	Clarifier + Odor Basin	approx 4mph	E to SE	Type	
6 - West side (fence line) of Aeration Basins			A						
7 - West fence line behind Secondary Clarifiers			A						
8 - South fence line across form Secondary Clarifier #2			A						
9 - South fence line behind UV Disinfection area			A						
10 - South fence line by Wet Weather Building			A						
11 - SE corner of fence line			A						
12 - East fence line behind wet weather water storage area			A						
13 - East fence line behind Digester #2			A						
14 - East corner fence line behind Digester #1			A						
15 - East corner fence line behind Sludge Pumping Building			A						