NOVATO SANITARY DISTRICT

Reclamation Monitoring Data

For: Oct 2012

	◊ Storage Pond # 1 (E-007)◊	◊ Storage Pond # 2 (E-008) ◊
DATE	10/19/12	10/19/12
pH	9.48	9.11
D.O. mg/L	8.4	8.9
TEMP. C	20.0	19.7

◊ Wildlife Pond Influent (E-004)◊					
DATE	10/5/12	10/12/12	10/19/12	10/25/12	
Cl_2 Residual	<0.01	<0.01	<0.01	<0.01	
pH	8.95	8.43	8.52	8.03	
D.O. mg/L	7.9	6.3	6.0	6.7	
TEMP. C	20.9	16.3	19.9	16.5	

◊ Wildlife Pond Effluent (E-005) ◊					
pH	8.83	8.13	8.08	8.09	
D.O. mg/L	8.8	5.7	6.8	7.8	
TEMP. C	21.1	16.1	19.1	16.7	

Notes: _____

Novato Sanitary District Self-Monitoring Program

Data for: October 2012

WASTEWATER RECLAMATION

Wildlife Pond - Weekly Inspection Report

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
DATE	10/5/12	10/12/12	10/19/12	10/25/12	
Circulation Rate (mgd)	1.5	1.5	1.5	1.5	
Water Depth (feet)	4	4	4	4	
Wildfowl Present	<25	<25	<25	<25	
Dead Animals	None	None	None	None	
Plant Growth	None	None	None	None	
Cattails & Bulrushes	Green	Green	Green	Green/Brown	
Plant Growth in Pond	None	None	None	None	
Mosquitoes/Larvae	Absent	Absent	Absent	Absent	
Algal/Plant Scum	Minimal	None	None	None	
Levee Damage	None	None	None	None	

NOTES:

Novato Sanitary District Self-Monitoring Program

Standard Observations for October 2012
Plant Effluent Observations

Pond Observations

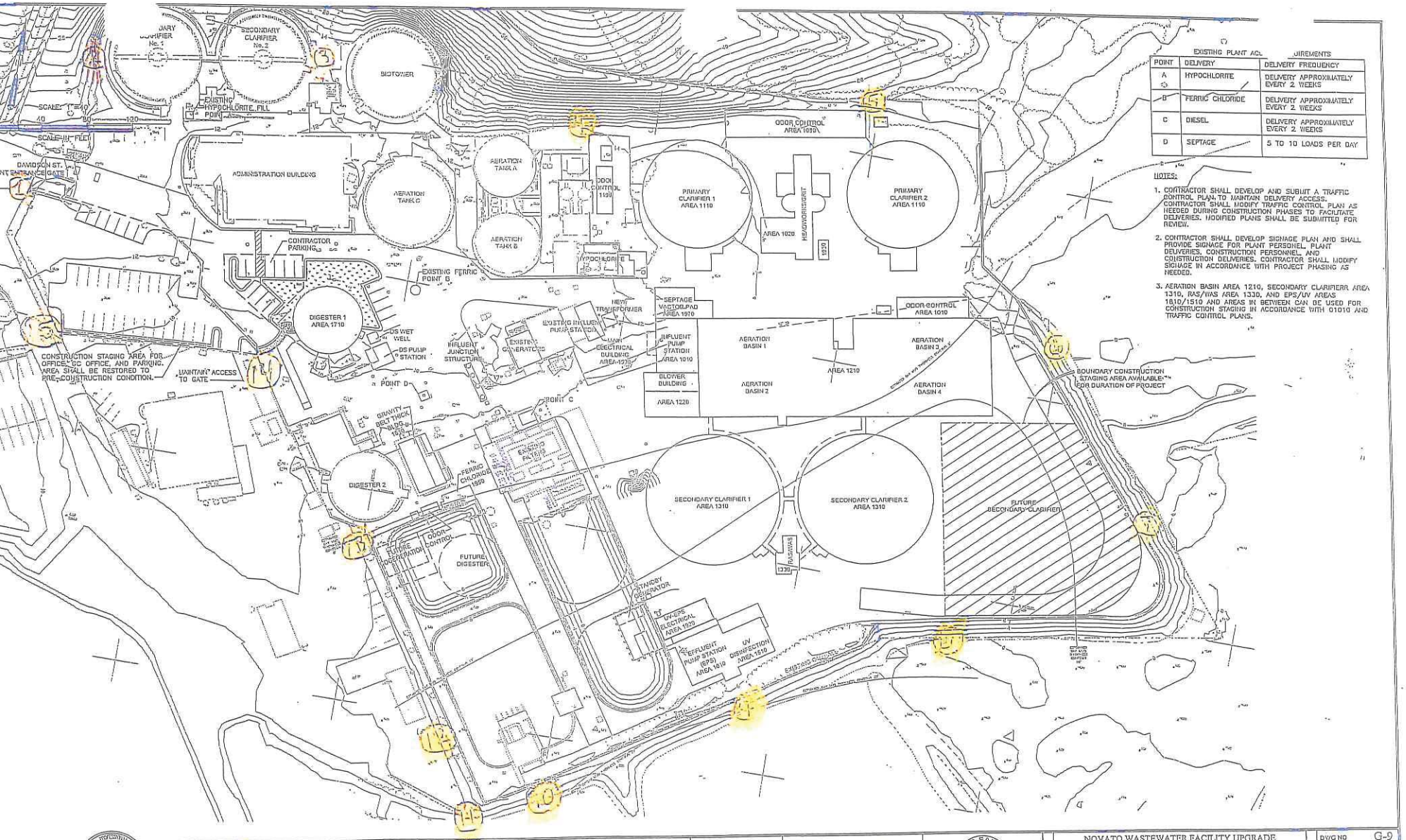
Reclamation Site	Freeboard (ft)	Leaching	Odor
Date: 10/19/2012			
Time: 10:00			
By: KB			
Irrigation Pond 1	6	None	None
Irrigation Pond 2	6	None	None
Wildlife Pond	6	None	None
Sludge Pond 1	10	None	None
Sludge Pond 2	10	None	None
Sludge Pond 3	10	None	None
Sludge Pond 4	6	None	None
Sludge Pond 5	10	None	None
Sludge Pond 6	8	None	None
Ignacio Plant - N/A			
Date:			
Time:			
By:			
Sludge Pond 1	N/A	N/A	N/A
Sludge Pond 2	N/A	N/A	N/A

Periphery of Waste Treatment and/or Disposal Facilities Observations

For Month of October 2012

Novato Plant

Station	Weather Conditions		Odor					Observation Date	10-25-12
Operator: CW	Wind Direction	Estimated Velocity	Precense/ Absence	Characterizations	Source	Distance of travel	Wind Direction	Operator CW	Novato Station E-002
1 - Plant entrance gate fence line	NE	7 MPH	A	N/A	N/A	N/A	N/A	Material of Waste Origin	
2 - Decommissioned Secondary Clarifier #1fence line New CCT	↓	↓	A	↓	↓	↓	↓	Floating	A
3 - Decommissioned Secondary Clarifier #2 old MCC Building New Clear-well	↓	↓	A	↓	↓	↓	↓	Suspended	P
4 - Decommissioned Blower Building fence line	↓	↓	A	↓	↓	↓	↓	Odor	P
5 - NW corner of Primary Clarifier Odor Control Area	↓	↓	A	↓	↓	↓	↓	Type (description of odor)	Earthy
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	↓	↓	↓	↓		



EXISTING PLANT ACCESS REQUIREMENTS

POINT	DELIVERY	DELIVERY FREQUENCY
A	HYPOCHLORITE	DELIVERY APPROXIMATELY EVERY 2 WEEKS
B	FERRIC CHLORIDE	DELIVERY APPROXIMATELY EVERY 2 WEEKS
C	DIESEL	DELIVERY APPROXIMATELY EVERY 2 WEEKS
D	SEPTAGE	5 TO 10 LOADS PER DAY

NOTES:

1. CONTRACTOR SHALL DEVELOP AND SUBMIT A TRAFFIC CONTROL PLAN TO MAINTAIN DELIVERY ACCESS. CONTRACTOR SHALL MODIFY TRAFFIC CONTROL PLAN AS NEEDED DURING CONSTRUCTION PHASES TO FACILITATE DELIVERIES. MODIFIED PLANS SHALL BE SUBMITTED FOR REVIEW.
2. CONTRACTOR SHALL DEVELOP SIGNAGE PLAN AND SHALL PROVIDE SIGNAGE FOR PLANT PERSONNEL, PLANT DELIVERIES, CONSTRUCTION PERSONNEL, AND CONSTRUCTION DELIVERIES. CONTRACTOR SHALL MODIFY SIGNAGE IN ACCORDANCE WITH PROJECT PHASING AS NEEDED.
3. AERATION BASIN AREA 1210, SECONDARY CLARIFIER AREA 1310, RAS/WAS AREA 1330, AND EPS/UV AREAS 1610/1510 AND AREAS IN BETWEEN CAN BE USED FOR CONSTRUCTION STAGING IN ACCORDANCE WITH 01010 AND TRAFFIC CONTROL PLANS.

REV	DATE	BY	APVD	DESCRIPTION
4	04/13/07	SAJ	MMC	CONFORMED DRAWING

DESIGNED M. NAKAMOTO
DRAWN S.JUNG
CHECKED D. GELLENMAH

SUBMITTED: DENNIS GELLENMAN, MANAGER OF ENGINEERING, CE-34641
APPROVED: STEVE CLARY, GM ENGR, CE-19018

NOVATO WASTEWATER FACILITY UPGRADE

SITE PLAN

DWG NO G-9
SHEET NO
PROJ NO 0049-007
DATE December 2006

Last Saved By: Mabel 2-16-07 01:55pm

P. Station Observations