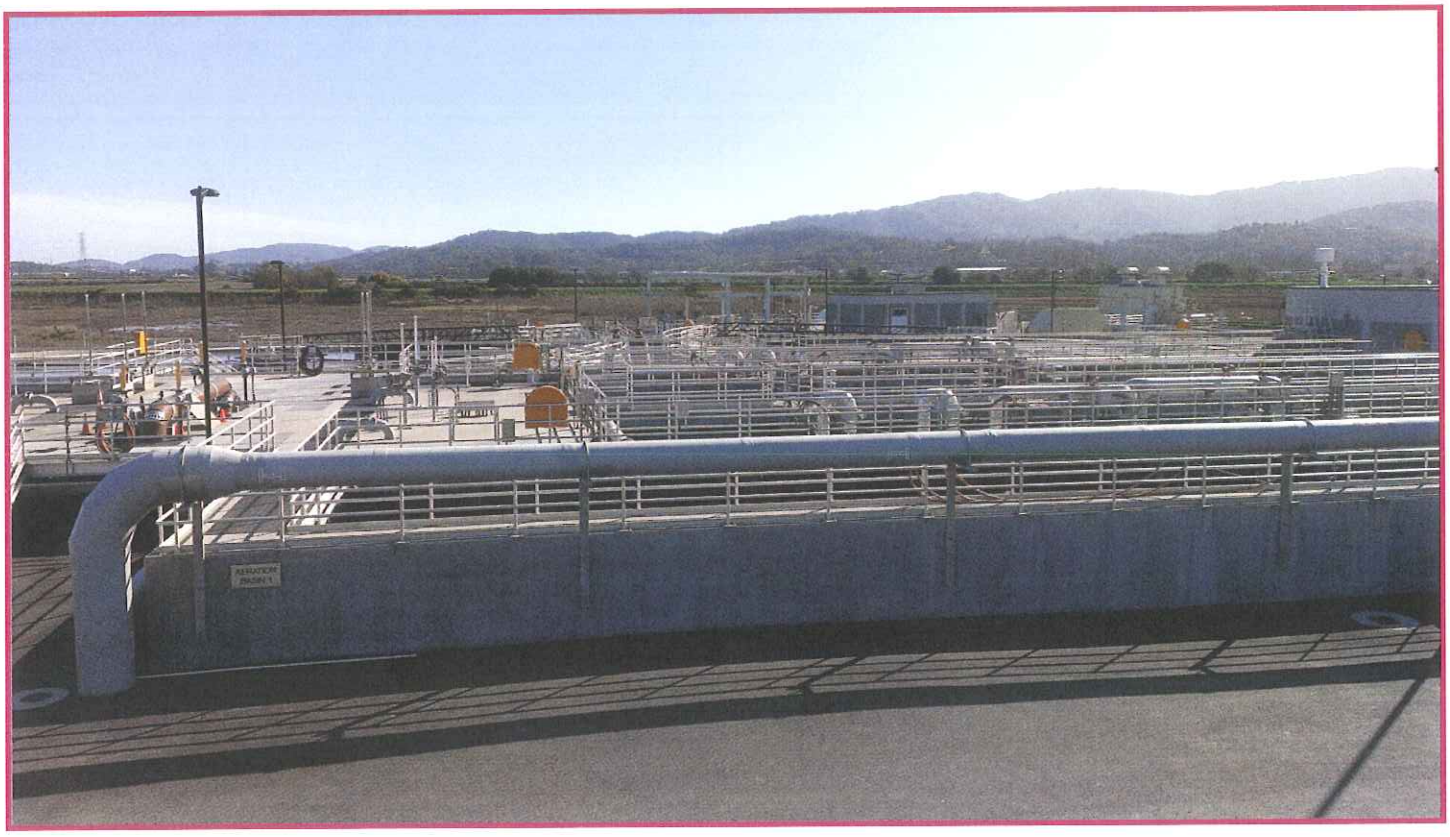
FEBRUARY 2014

NOVATO SANITARY DISTRICT
VEOLIA WATER WEST OPERATING SERVICES

SELF MONITORING REPORT

OBSERVATIONS



NOVATO SANITARY DISTRICT

Reclamation Monitoring Data

For: February 2014

	♦ Storage Pond # 1 (E-007)♦	♦ Storage Pond # 2 (E-008) ♦
DATE	2/14/14	2/14/14
pH	9.27	9.25
D.O. mg/L	> 20	19.6
TEMP. C	17.6	16.9

♦ Wildlife Pond Influent (E-004)♦					
DATE	2/7/14	2/14/14	2/21/14	2/27/14	
Cl_2 Residual	<0.01	<0.01	<0.01		
pH	7.81	7.77	7.33	7.50	
D.O. mg/L	10.4	3.1	2.5	6.3	
TEMP. C	10.5	10.2	15.1	15.7	

♦ Wildlife Pond Effluent (E-005) ♦					
pH	7.85	7.73	7.43	7.76	
D.O. mg/L	9.0	6.1	5.8	7.7	
TEMP. C	11.0	12.4	13.6	12.0	

Notes: _____

NOVATO SANITARY DISTRICT

Wildlife Pond Observation Data

For: FEBRUARY 2014

Wildlife Pond – Weekly Inspection Report					
	Week 1 RAIN	Week 2	Week 3	Week 4	Week 5
DATE	2/7/14	2/14/14	2/21/14	2/27/14	
Circulation Rate (mgd)	∅	∅	∅	∅	
Water Depth (ft)	12.25'	3.0'	3.0'	3.0'	
Wildfowl Present	<100	<100	<100	<100	
Dead Animals Observed	NONE	1 DEAD HAWK ~~NONE~~ BY POND 22	NONE	NONE	
Plant Growth (at edge of pond)	NONE	NONE	NONE	NONE	
Cattails & Bulrushes (general condition)	~~BROWN~~	~~BROWN~~	BROWN	BROWN	
Plant Growth in Pond (should not be growing in pond)	NONE	NONE	NONE	NONE	
Mosquitoes / Lava (present or absent)	~~ABSENT~~	ABSENT	ABSENT	ABSENT	
Algal/Plant Scum	NONE	NONE	NONE	NONE	
Levee Damage	NONE	NONE	NONE	NONE	

Notes:

\\Storageserver\sdrive\Environmental Services\LABORATORY\FORMS\Wildlife pond observ.doc

NOVATO SANITARY DISTRICT

Reclamation and Sludge Ponds Observations

Date: 2/14/14 Time: 1100 By: JB - JB

	Freeboard Feet	Leaching	Odor
Irrigation Pond # 1	8 4'	NONE	NONE
Irrigation Pond # 2	4'	NONE	NONE
Wildlife Pond	7'	NONE	NONE
Sludge Pond # 1	8'	NONE	NONE
Sludge Pond # 2	5'	NONE	NONE
Sludge Pond # 3	4'	NONE	NONE
Sludge Pond # 4	4'	NONE	NONE
Sludge Pond # 5	9'	NONE	NONE
Sludge Pond # 6	9'	NONE	NONE

West ◇ East

Effluent Pond # 2

3	5	1
4	6	2

Sludge Pond Numbering

Ignacio Plant Sludge Pond Observations N/A

Date: _____ Time: _____ By: _____

	Freeboard Feet	Leaching	Odor
Sludge Pond # 1			
Sludge Pond # 2			

West ◇ East

Sludge Pond Numbering

4	2
3	1

Periphery of Water Treatment and/or Disposal Facilities Observations

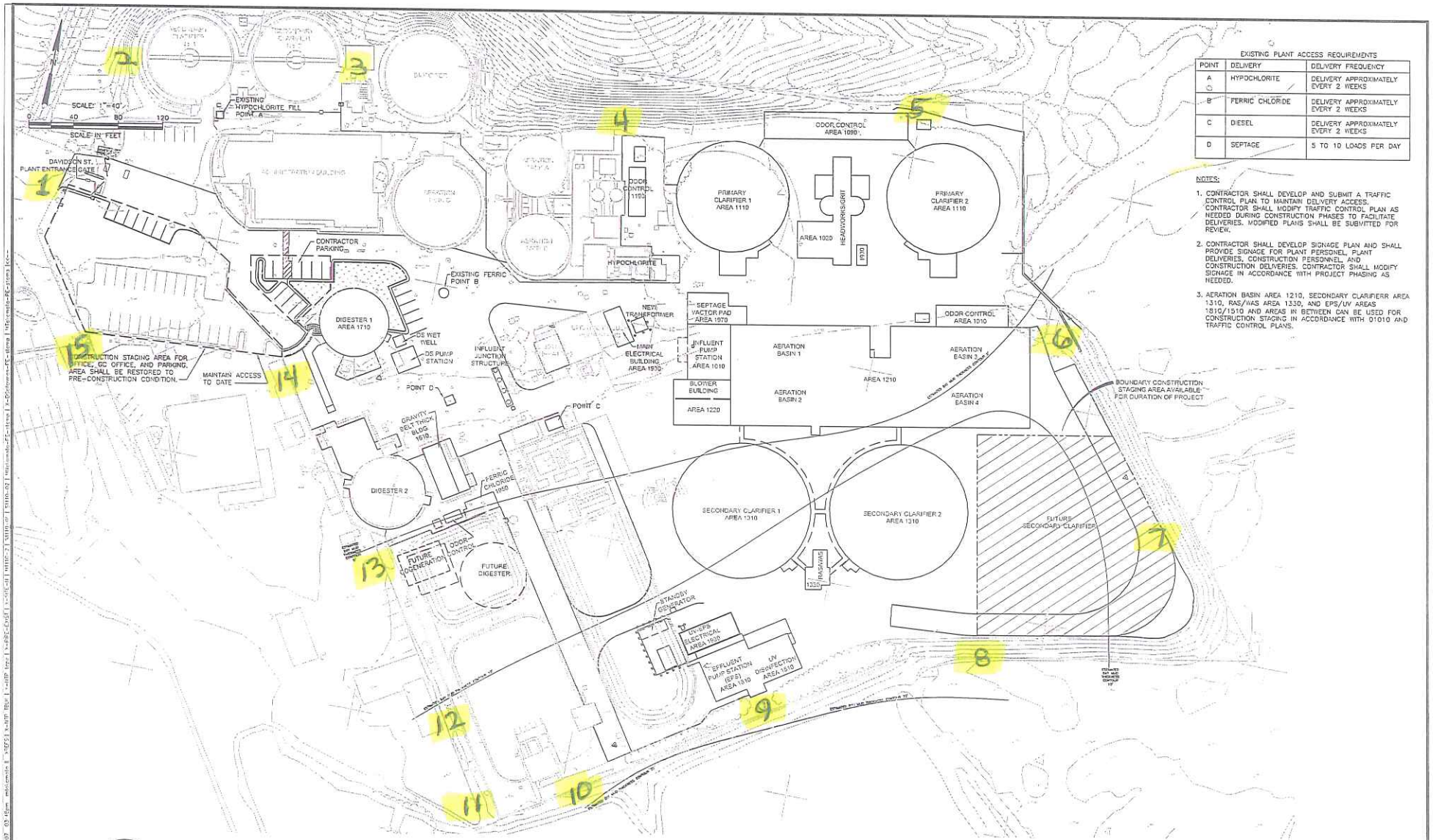
Obervation Date: 2-25-14

Operator: CW

	Location	Weather Conditions: Wind Direction	Weather Conditions: Wind Speed	Odor: Presence/Absence	Odor: Characterizations	Odor: Source	Odor: Distance of Travel
1	Plant Entrance Gate Fence Line	N/A	N/A	A	N/A	N/A	N/A
2	RWF Chlorine Contact Tank			A			
3	Distribution Pump Station MCC Building			A			
4	Decommissioned Blower Building Fence Line			A			
5	NE Corner of Headworks Odor Bed			A			
6	East Fence Line of Aeration Basins			A			
7	East Fence Line behind Secondary Clarifer #2			A			
8	South Fence Line of Secondary Clarifier #2			A			
9	South Fence Line behind UV Area			A			
10	South Fence Line by We Weather Pump Station			A			
11	SW Fence Line by Wet Weather Pump Station			A			
12	West Fence Line by Wet Weather Storage			A			
13	West Fence Line behind Digester #2			A			
14	West Corner Fence Line by Digester #1			A			
15	West Corner Fence Line Behind Sludge Conditioning Room			A			

Effluent Observation

Materials Observed	Presence/ Absence
Floating	A
Suspended	P
Odor	A
Description of Odor	N/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 CLARIFIERR AREA 1310, RAS/WAS AREA 1330, AND EPS/UV AREAS 1810/1510 AND AREAS IN BETWEEN CAN BE USED FOR CONSTRUCTION STAGING IN ACCORDANCE WITH 01010 AND TRAFFIC CONTROL PLANS.

REGISTERED PROFESSIONAL ENGINEER — MARC R. NAKAMOTO — No. 63262 — Exp. 09-30-08 — CIVIL — STATE OF CALIFORNIA

VERIFY SCALES — BAR IS ONE INCH ON 11 X 17 FULL SIZE DRAWING. IF NOT ONE INCH ON THIS DRAWING, ADJUST SCALES ACCORDINGLY

RMC Water & Environment

REV	DATE	BY	APV'D	DESCRIPTION
1	04/13/07	SAJ	MNK	CONFORMED DRAWING

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

SUBMITTED: DENNIS GELLERMAN, RMC PROJ ENGR, CE-63262
APPROVED: STEVE CLARY, RMC ENGR, CE-72316

NOVATO SANITARY DISTRICT

NOVATO WASTEWATER FACILITY UPGRADE

SITE PLAN

DWG NO G-9
SHEET NO
PROJ NO 0345-007
DATE December 2006

Last Saved By: kleibel 2-16-07 01:56pm

P-Stations