Novato Sanitary District Self-Monitoring Program

Page

Data for: March 2012

WASTEWATER RECLAMATION

Wildlife Pond - Weekly Inspection Report

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
DATE	3/1/12	3/7/12	3/15/12	3/21/12	3/28/12
Circulation Rate (mgd)	1.5	1.5	1.5	1.5	1.5
Water Depth (feet)	3.75	3.5	3.75	3.75	4.0
Wildfowl Present	<50	>50	>50	100	100
Dead Animals	None	None	None	None	None
Plant Growth	Dried	Dried	Dried	Dried	Dried
Cattails & Bulrushes	Dried + Green	Dried + Green	Dried + Green	Dried + Green	Dried + 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

Novato Sanitary District Self-Monitoring Program

Standard Observations for March 2012
Plant Effluent Observations

Pond Observations

Reclamation Site	**Freeboard (ft)**	**Leaching**	**Odor**
Date: 3/1/2012			
Time: 12:15			
By: KB			
Irrigation Pond 1	4	None	None
Irrigation Pond 2	4	None	None
Wildlife Pond	6.25	None	None
Sludge Pond 1	4	None	None
Sludge Pond 2	3	None	None
Sludge Pond 3	3	None	None
Sludge Pond 4	4	None	None
Sludge Pond 5	4	None	None
Sludge Pond 6	4	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 Mmarch 2012

Novato Plant

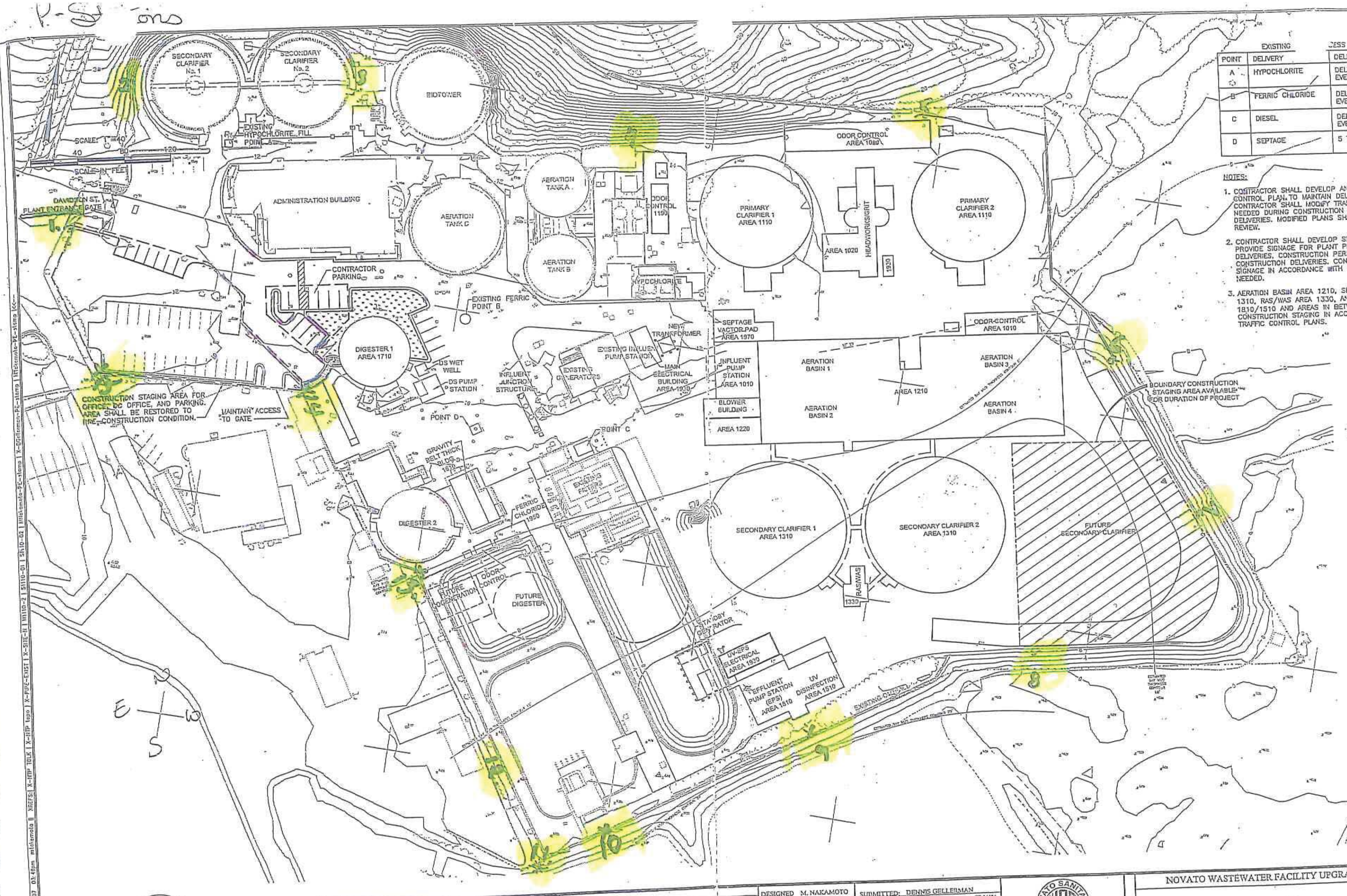
Operator: PD

Station	Weather Conditions		Odor				
	Wind Direction	Estimated Velocity	Precense/ Absence	Characterizations	Source	Distance of travel	Wind Direction
1 - Plant entrance gate fence line	NA	O	A				
2 - Decommissioned Secondary Clarifier #1fence line			A				
3 - Decommissioned Secondary Clarifier #2 old MCC Building			P	VERY SLIGHT SULFURISH	POSSIBLE CONSTRUCTON		NA
4 - Decommissioned Blower Building fence line			A				
5 - NW corner of Primary Clarifier Odor Control Area			A				
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			P	VERY SLIGHT ODOR FROM W. W. POND			NA
14 - East corner fence line behind Digester #1			A				
15 - East corner fence line behind Sludge Pumping Building			A				

Observation Date 3-30-12	
Operator: PD	Novato Station E-002
Material of Waste Origin /	
Floating NA	
Suspended EXTREMEY LIKE MATERIAL	FEW COLLOIDAL 712cc.50
Odor SLIGHT MUSTY	
Type (description of odor)	

c: my documents/Novato/Forms/Periphery of Waste Treatment and-or Disposal Facitlities Observations 11-15-10

P-St ons


SECONDARY CLARIFIER No. 1
SECONDARY CLARIFIER No. 2
BIOTOWER
EXISTING HYPOCHLORITE FILL POINT A
SCALE: 1"=40'
40 80 120
SCALE IN FEET
DAVIDSON ST. PLANT ENTRANCE GATE
ADMINISTRATION BUILDING
AERATION TANK C
AERATION TANK A
AERATION TANK B
ODOR CONTROL 1190
HYPOCHLORITE
CONTRACTOR PARKING
EXISTING FERRIC POINT B
DIGESTER 1 AREA 1710
DS WET WELL
DS PUMP STATION
INFLUENT JUNCTION STRUCTURE
EXISTING GENERATORS
EXISTING INFLUENT PUMP STATION
NEW TRANSFORMER
MAIN ELECTRICAL BUILDING AREA 1930
CONSTRUCTION STAGING AREA FOR OFFICE, DC OFFICE, AND PARKING. AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION.
MAINTAIN ACCESS TO GATE
POINT D
POINT C
GRAVITY BELT THICK BLDG. 1670
EXISTING FILTERS
DIGESTER 2
FERRIC CHLORIDE 1950
FUTURE COGENERATION
ODOR CONTROL
FUTURE DIGESTER
STANDBY GENERATOR
UV-EPS ELECTRICAL AREA 1930
EFFLUENT PUMP STATION (EPS) AREA 1810
UV DISINFECTION AREA 1510
EXISTING CHANNEL
ODOR CONTROL AREA 1080
PRIMARY CLARIFIER 1 AREA 1110
HEADWORKS/GRIT
AREA 1020
1920
PRIMARY CLARIFIER 2 AREA 1110
SEPTAGE VACTOR PAD AREA 1970
ODOR CONTROL AREA 1010
INFLUENT PUMP STATION AREA 1010
BLOWER BUILDING
AREA 1220
AERATION BASIN 1
AERATION BASIN 2
AERATION BASIN 3
AERATION BASIN 4
AREA 1210
BOUNDARY CONSTRUCTION STAGING AREA AVAILABLE FOR DURATION OF PROJECT
SECONDARY CLARIFIER 1 AREA 1310
SECONDARY CLARIFIER 2 AREA 1310
RAS/WAS
1330
FUTURE SECONDARY CLARIFIER
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
N
E
W
S

	EXISTING	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 PERSONEL, 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.

MARC K. NAKAMOTO
No. 83282
Exp. 06-30-08
CIVIL

0" 1"
VERIFY SCALES
BAR IS ONE INCH LONG ON FULL SIZE DRAWING. IF NOT ONE INCH LONG ON THIS DRAWING, ADJUST SCALES ACCORDINGLY

RMC
Water & Environment

REV	DATE	BY	APVD	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-34624
APPROVED: STEVE CLARY RMC ENGR CE-30318

NOVATO WASTEWATER FACILITY UPGRADE

SITE PLAN

DWG NO
SHEET NO
PROJ NO 0
DATE Decem

NAME: C03 4-17-07 03:48pm mtakemoto XREFS: X-NTP TBLK | X-NTP topo | X-PIPE-EXIST | X-SITE-II | 11110-2 | 51110-01 | 51410-02 | Mtakemoto-PE-stamp | X-DGellerman-PE-stamp | Mtakemoto-PE-stamp |<<--

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