



McKinleyville Community Services District
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February 26, 2010

R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the monthly Monitoring Report for January 2010 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM.

The normal discharge of effluent was 31 day of discharge to the Mad River. The required monitoring and water quality constituents that were tested and were reported were in compliance.

The requirement for BOD is 45 mg/L, a maximum of 441 pounds of BOD for the 30-day average, a minimum of 65% removal and a weekly average of 65 mg/L. With four weekly tests in January, that constitutes seven criteria. The BOD results for January are in compliance.

The requirement for NFR is 83 mg/L, a maximum of 931 pounds per-day and a minimum of 65% removal for the 30-day average. With four weekly tests in January, that constitutes three criteria. The NFR results for January are in compliance.

The requirement for Nitrate as Nitrogen in the effluent is a monthly average of 10mg/L. One test was conducted in January and was in compliance.

Total Coliform Organisms MPN/100 ml. The Monthly Median not to exceed MPN of 23 and the daily maximum not to exceed MPN of 230. The reported results for the month of January are as follows. Median was <2 and a Maximum of <2. Four samples were collected and all are in compliance.

The Requirement for Acute Toxicity testing is a minimum of 70% survival for any one test and median for all tests in one month of 90%. One test was conducted in January and is in compliance with 100% survival.

Pollutants of Concern testing was conducted in January and all were in compliance.

Monitoring of the Mad River, Storm Water Wetlands at Hiller and Backswamp Wetlands were conducted in January.

Quarterly testing of M-001 and the Monitoring Wells were tested and reported.

EXHIBITS:

- A. January 2010 Wastewater Management Facilities spreadsheet with the daily, weekly, monthly, and quarterly monitoring records for monitoring location M-001.
- B. Disposal Flows and Location Data Sheet.
- C. River CFS and Discharge Dilution work sheet
- D. BOD and TSS work sheet.
- E. River Monitoring work Sheet for R-001 and R-002
- F. Backswamp Wetlands work sheet for R-003
- G. Hiller Wetland Monitoring work sheet for R-004 and R-005

- H. Acute Toxicity lab report
- I. Pollutants of Concern lab report
- J. Well Monitoring Data and Level Sheets

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE 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."

If you have any questions, please contact this office.


NORMAN SHOPAY, GENERAL MANAGER

ENCLOSURES
FILE

MCKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY MONITORING DATA

MONTH: JANUARY

YEAR: 2010

DATE	INFLUENT FLOW MGD	EFFLUENT FLOW MGD	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		pH	(C°)		B.O.D. mg/L	NFR mg/L	EFFLUENT MONITORING			SETTLABLE SOLIDS	3X5 TOTAL COLIFORM
					B.O.D. mg/L	N.F.R. mg/L		TEMP	AMMONIA			CL ₂ RES.	RIVER CL ₂ RES			
1	1.337	1.020	723	2630			7.0	11.3					1.7	0.0		
2	1.144	1.017	717	7610			7.0	11.6					1.1	0.0		
3	1.165	1.027	722	4670			7.2	10.6					4.0	0.0		
4	1.065	1.096	873	3710			6.7	10.5				26	3.2	0.0		<2
5	1.005	1.292	941	3200			6.8	11.1				28	1.5	0.0		
6	1.090	1.342	941	715			6.6	11.3				26	1.6	0.0		
7	1.081	1.205	952	931			7.1	11.6				30	1.8	0.0		
8	1.027	0.871	723	661	300	200	6.9	11.9	37	36		30	6.2	0.0	<0.1	
9	1.063	0.976	909	672			6.9	12.1					1.4	0.0		
10	1.117	1.261	899	640			6.9	11.8					1.8	0.0		
11	1.047	1.256	886	510			7.0	13.0				30	3.6	0.0		<2
12	1.200	1.332	982	611			6.9	13.1				24	3.5	0.0		
13	1.193	1.377	968	4370			6.9	13.5				28	3.2	0.0		
14	1.111	1.246	970	3080			6.9	12.3				28	3.3	0.0		
15	1.084	1.092	766	1850	270	280	7.0	13.1	48	52	32	3.2	0.0	0.0	<0.1	
16	1.112	1.156	847	1470			6.9	12.5					3.5	0.0		
17	1.125	1.212	850	1220			7.2	11.8					2.7	0.0		
18	1.213	1.278	935	1460			7.0	12.1				28	3.3	0.0		<2
19	1.313	1.431	1060	6730			7	11.9				28	3.6	0.0		
20	1.298	1.526	1099	7440			6.9	11.4				28	2.3	0.0		
21	1.300	1.487	1227	7680			6.9	11.8				26	2.5	0.0		
22	1.223	1.025	1094	5600	300	270	7.1	12.4	45	67	30	3.1	0.0	0.0	<0.1	
23	1.261	1.564	1114	4050			7.2	10.1					2.9	0.0		
24	1.303	1.610	1136	3250			7.2	10.3					2.9	0.0		
25	1.258	1.605	1128	3600			6.9	10.4				28	2.6	0.0		<2
26	1.350	1.571	1116	7600			7.2	10.3				24	2.8	0.0		
27	1.262	1.560	1129	6120			7	10.7				26	3.2	0.0		
28	1.191	1.244	1135	4120			7.0	11.5				30	1.2	0.0		
29	1.149	1.080	892	3270	250	340	6.9	11.0	23	31	32	3.9	0.0	0.0	<0.1	
30	1.274	1.483	1203	2870			6.9	11.1					1.0	0.0		
31	1.281	1.718	1207	2820			6.8	10.9					1.5	0.0		

SPILLS:

None to report

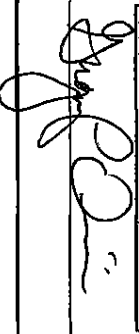
BOD		BOD		BOD		NFR		NFR	
mg/L	LB/DAY	mg/L	LB/DAY	% Removal	mg/L	LB/DAY	% Removal	mg/L	LB/DAY
38	332	86	47	404	82				

30 DAY AVERAGE

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
1/7/2010	260	28.0	ND

Quantity Tests		Value in µg/L	
Dichlorodimethane		0.1	
Bromodimethane		ND	
Chlorodibromomethane		ND	
Chloroform		1.2	

SIGNATURE:



REMARKS:

30 DAY AVERAGE

Indicates Permit Exceedance

ACUTE TOXICITY	
DATE	% Survival
1/5/2010	100%
N/A	N/A

CHRONIC TOXICITY	
TESTED	SURVIVAL
Minnow	N/A
C. Dubia	N/A
Algae	N/A
TUc	

Total Coliform	
Monthly	Median
<2	
Daily	
Maximum	
<2	