



McKinleyville Community Services District
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December 30, 2009

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 November 2009 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM.

The normal discharge of effluent was 30 days to land disposal. 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 November, that constitutes seven criteria. The BOD results for November 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 November, that constitutes three criteria. The NFR results for November are in compliance.

The requirement for Nitrate as Nitrogen in the effluent is a monthly average of 10mg/L. One test was conducted in November 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 November are as follows. Median was <2 and a Maximum of <2. Five samples were collected and all are in compliance.

Monitoring of the Mad River and Storm Water Wetlands at Hiller were conducted in November. Backswamp Wetlands was dry and therefore not tested.

EXHIBITS:

- A. November 2009 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. BOD and TSS work sheet.
- D. River Monitoring work Sheet for R-001 and R-002
- E. Hiller Wetland Monitoring work sheet for R-004 and R-005

"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: NOVEMBER

YEAR: 2009

DATE	INFLUENT FLOW MGD	EFFLUENT FLOW MGD	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING B.O.D. mg/L	INFLUENT MONITORING N.F.R. mg/L	pH	TEMP (C°)	B.O.D. mg/L	N.F.R. mg/L	EFFLUENT MONITORING				TOTAL COLIFORM
											AMMONIA	CL ₂ RES.	RIVER CL ₂ RES.	SETTLABLE SOLIDS	
1	0.977	0.633	445												
2	0.924	1.076	935				7.4	15.5			32	5.1			<2
3	0.873	1.284	934				7.2	14.5			32	2.5			
4	0.888	1.291	926				7.4	14.7			28	2.2			
5	0.875	1.286	920				7.3	15.2			30	3.8			
6	0.930	0.947	907		220	96	7.4	15.3	32	61	32	3.9		<0.1	
7	0.937	0.608	434												
8	0.952	0.597	424												
9	0.942	0.874	757				7.2	14.4			30	2.8			<2
10	0.850	1.090	764				6.8	12.1			34	7.7			
11	0.961	1.097	769				6.9	12.5				7.5			
12	0.911	1.244	953				6.9	11.7			34	2.7			
13	0.901	0.911	932		300	180	6.9	11.5	24	21	34	7.1		<0.1	
14	0.936	0.549	387												
15	0.996	0.553	391				6.9	11.0			30	6.8			<2
16	0.911	1.049	962				7.1	11.7			30	7.8			
17	0.966	1.159	929				6.9	10.9			28	6.1			
18	0.950	1.216	951				6.8	10.6			24	6.3			
19	0.922	1.243	945				7.3	12	56	46	32	3.3		<0.1	
20	0.978	0.881	783		290	210									
21	0.987	0.576	407												
22	1.003	0.573	402				6.8	9.5			26	2.3			<2
23	0.948	1.079	972				6.9	9.9			28	3.4			
24	0.918	1.384	974				7.2	11.0	43	49	30	3.3		<0.1	
25	0.950	1.394	974		250	220									
26	0.944	1.374	962				7	10.4				2.9			
27	0.940	1.361	955				6.9	11.5				2.3			
28	0.954	1.386	951				6.8	10.2				3.1			
29	1.003	1.364	954				6.9	9.7				3.1			
30	0.940	1.203	991				7.0	9.5			30	3.5			<2

MONTHLY TESTS

DATE	TDS	AMMONIA	NITRATE	BORON
11/16/2009	330	33.0	ND	260

DATE	AMIEL	MIDEL
N/A	Copper 3.6	7.3
	Lead 1.1	2.2
	Bis phthalate	
	Alph-BHC	
	4,4'-DDT	
	2,3,7,8-TCDD	

SIGNATURE:

REMARKS:

SPILLS:

None to report

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal
39	337	85	44	387	70

ACUTE TOXICITY

DATE	% Survival
N/A	
Rainbow Trout	
C. dubia	

Indicates Permit Exceedance

CHRONIC TOXICITY

TESTED	SURVIVAL
Minnow	N/A
C. Dubia	N/A
Algae	N/A
TLC	

Total Coliform
Monthly
Median
<2
Daily
Maximum
<2