



MCKINLEYVILLE

COMMUNITY SERVICES DISTRICT

P. O. BOX 2037 • MCKINLEYVILLE, CA 95519 • (707) 839-3251

May 27, 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 April 2010 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM.

The normal discharge of effluent was 29 days of discharge to the Mad River. The required monitoring and water quality constituents that were tested and were reported were in compliance in April.

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 five weekly tests in April, that constitutes eight criteria. The BOD results for April 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 five weekly tests in April, that constitutes three criteria. The NFR results for April are in compliance.

The requirement for Nitrate as Nitrogen in the effluent is a monthly average of 10 mg/L. One test was conducted in April 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 April are as follows. Median was 2 and a Maximum of 23. 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 April and is in compliance with 100% survival.

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

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

Quarterly testing and Monitoring well testing was conducted in April.

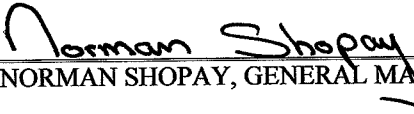
EXHIBITS:

- A. April 2010 Wastewater Management Facilities spreadsheet with the daily, weekly, monthly, quarterly and annual 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. Monthly and Quarterly Pollutants of Concern lab report
- J. Quarterly Monitoring Well testing results 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: APRIL

YEAR: 2010

DATE	INFLUENT FLOW M.G.D.	EFFLUENT FLOW M.G.D.	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING		pH	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA		RIVER CL ₂ RES	SETTLABLE SOLIDS	TOTAL COLIFORM
					B.O.D. mg/L	N.F.R. mg/L	B.O.D. mg/L	NFR mg/L					CL ₂ RES	CL ₂ RES			
1	1,284	1,383	1082						6.7	11.4			28	2.3			
2	1,326	1,247	877		180	120			6.7	13.7	24	27	24	4.3		<0.1	
3	1,362	1,447	1104						6.8	13.1				3.8			
4	1,398	1,534	1142						6.7	13.5			28	1.7			2
5	1,427	1,584	1110						6.8	10.2			24	2.6			
6	1,313	1,585	1109						6.8	12			18	3			
7	1,280	1,591	1113						6.8	11.9			24	1.7			
8	1,222	1,378	1113						7.0	12.5			24	0.4			
9	1,212	1,219	853		250	360			6.9	12.1	22	33	28	2.5		<0.1	
10	1,218	1,219	852						6.7	13.2				2.1			
11	1,287	1,220	853						6.7	13.2				1.3			<2
12	1,219	1,218	854						6.6	12.6			28	1.3			
13	1,278	1,203	854						6.7	13.1			30	0.6			
14	1,248	1,200	840						6.8	13.0			28	2.8			
15	1,200	1,200	847						6.6	12.9	20	23	28	2.2		<0.1	
16	1,148	1,200	840		210	160			6.6	14.3				1.3			
17	1,163	1,317	1001						6.6	15.3				0.2			23
18	1,207	1,436	1007						6.9	14.6			30	0.2			
19	1,137	0,844	1005						6.6	13.1				4.8			
20	1,259	0,000	0						6.7	12.7			30	3.2		<0.1	
21	1,224	0,837	973						6.7	13.0	15	23	26	2.7			
22	1,179	1,113	909		170	110			6.7	13.4				1.7			<2
23	1,131	0,953	767						6.6	13.3			32	1.3			
24	1,134	1,348	1067						6.7	13.8			28	0.1			
25	1,194	1,520	1070						6.6	14			28	1.2			
26	1,159	1,511	1073						6.7	13.2			30	3.7			
27	1,546	1,476	1055						6.8	13.0			28	1.2			
28	1,536	1,451	1019						6.8	13.2			28	1.2			
29	1,438	1,579	1168						6.7	13.2			28	1.2			
30	1,325	1,680	1176		180	160			6.7	13.2	17	28	28	1.2		<0.1	

MONTHLY TESTS

DATE	TDS	AMMONIA	NITRATE	BORON
4/14/2010	250	20.0	ND	210

DATE	Copper	Lead	Bis-phthalate	aliph-BHC	4,4'-DDT	2,3,7,8-TCDD
4/14/2010	14	ND	2	ND	ND	ND

Quarterly Tests	Value in ug/L
Dichlorodibromodifluoromethane	ND
Bromodifluoromethane	ND
Chlorodibromomethane	ND
Chloroform	1.2

SPILLS:

None to report

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal
20	206	90	27	284	83

ACUTE TOXICITY

DATE	% Survival
4/13/2010	100%

Rainbow Trout

C. dubia

N/A

Indicates Permit Exceedance

CHRONIC TOXICITY	TESTED	SURVIVAL
Milfnov	N/A	N/A
C. Dubia	N/A	N/A
Algae	N/A	N/A
TU6		

Total Coliform	Daily	Maximum
Monthly MEDIAN	2	23

SIGNATURE:

REMARKS: