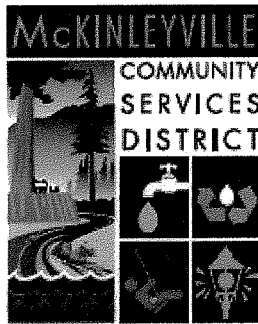


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R.W.Q.C.B. NORTH COAST REGION  
5550 SKYLANE BLVD., SUITE A  
SANTA ROSA, CA 95403

May 31, 2012

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for April 2012 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM, operating under Order Number WQ 2011-0008-DWQ.

The normal discharge of effluent was 30 days discharge to M-002 Mad River. The required monitoring and water quality constituents that were tested and reported were in compliance for April.

The requirement for BOD is 45 mg/L, 604 lbs/day and 65% removal for the monthly average and a weekly average limit of 65 mg/L and 873 lbs/day. With four weekly tests in April, that constitutes seven criteria. The BOD results for April are in compliance.

The requirement for NFR is 83 mg/L and minimum of 65% removal for the monthly average. With four 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 March are as follows. Median was <1.8 and a Maximum of 2.0. Five samples were collected in the month of April and were in compliance.

Monthly River Monitoring was conducted in April.

Acute Toxicity testing was conducted in April. The result for Rainbow Trout was 100% and the survival of C. dubia was 100% for a median of 100%.

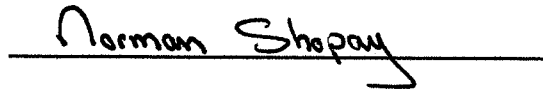
Quarterly testing for Monitoring Wells and Disinfection Byproducts was conducted in April.

EXHIBITS:

- A. April 2011 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. Acute Toxicity lab report
- G. Disinfection Byproducts Lab Report
- H. Well Monitoring Test Sheet

"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: 2012

INFLUENT					EFFLUENT		EFFLUENT		RIVER		INFLUENT MONITORING		EFFLUENT MONITORING							3X5	
DATE	FLOW M.G.D.	FLOW M.G.D.	MAXIMUM GPM	CFS	B.O.D. MGL	N.F.R. MGL	pH	(C°) TEMP	B.O.D. MGL	NFR MGL	AMMONIA	CL <sub>2</sub> RES.	CL <sub>2</sub> RES	SETTLABLE SOLIDS	TOTAL COLIFORM						
1	1,768	2,039	1424	14700			6.9	11.6				0.7	0.00								
2	1,668	2,032	1427	9920			6.9	11.5			26	1.5	0.00		<1.8						
3	1,583	2,022	1412	7220			6.8	12.7			28	0.5	0.00								
4	1,624	2,021	1418	6960			6.8	11.4			26	1.7	0.00								
5	1,496	1,772	1417	6120			7	11.4			28	1.7	0.00								
6	1,410	1,642	1462	4830	180	140	7	11	27	31	24	3.3	0.00	<0.1							
7	1,390	1,978	1449	3970			6.7	12.5				1.0	0.00								
8	1,359	1,999	1436	3510			7.2	13.4				0.2	0.00								
9	1,332	1,954	1379	3120			6.7	12.5			32	2.1	0.00		<1.8						
10	1,299	1,867	1329	2910			6.7	12.9			32	1.8	0.00								
11	1,349	1,864	1310	3100			6.7	12.9			28	5.8	0.00								
12	1,497	1,280	1310	3560			6.8	12.6			32	4.8	0.00								
13	1,491	0,997	759	6900	180	180	6.9	10.4	17	19	28	4.7	0.00	<0.1							
14	1,407	1,156	856	5810			6.9	12.0				0.1	0.00								
15	1,397	1,267	917	4660			6.8	12.6				0.1	0.00								
16	1,343	1,303	922	4040			6.9	13.7			30	0.4	0.00		2						
17	1,311	1,348	1003	3630			6.8	13.7			32	2.0	0.00								
18	1,335	1,445	1016	3520			6.7	14.0			28	1.2	0.00								
19	1,367	1,443	1014	4240			6.8	14.5			28	1.4	0.00								
20	1,308	1,441	1011	4010	160	110	6.7	14.3	20	14	30	1.3	0.00	<0.1							
21	1,311	1,447	1017	3440			7.1	14.6				1.0	0.00								
22	1,335	1,398	1005	3100			7.0	14.8				1.8	0.00								
23	1,266	1,202	896	2820			6.8	14.8			28	4.1	0.00		<1.8						
24	1,194	1,086	796	2490			6.7	15.6			30	4.1	0.00								
25	1,187	1,115	793	2180			6.8	15.8			28	2.3	0.00								
26	1,280	1,119	791	2110			6.8	15.3			32	4.2	0.00								
27	1,230	1,313	1006	2070	280	330	6.7	14.8	20	17	30	2.3	0.00	<0.1							
28	1,211	1,430	1007	1710			6.8	14.9				0.4	0.00								
29	1,253	1,413	994	1540			6.8	15.6				0.3	0.00								
30	1,191	1,421	1044	1390			6.7	15.8			30	1.5	0.00		<1.8						

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
4/11/2012	230	15.0	ND
			BORON
			140

Semi-Annual Tests		Value in ug/l
Bis phthalate		N/A
aliph-BHC		N/A
4,4'-DDT		N/A
Carbon tetrachloride		N/A

Quarterly Tests		Value in ug/l
Dichlorodibromomethane		DNG
Bromodim		ND
Chlorodibromomethane		DNG
Chlorodim		0.8

30 DAY AVERAGE			
BOD mg/L	BOD LBS/DAY	% Removal	NFR
21	243	89	20
			234
			87

ACUTE TOXICITY	
DATE	% Survival
4/10/2012	100%
4/10/2012	100%
Median	100%

Rainbow Trout  
C. dubia

SIGNATURE: 

REMARKS:

 Indicates Permit Exceedance

CHRONIC TOXICITY	
TESTED	SURVIVAL
Milimow	N/A
C. Dubia	N/A
Algae	N/A
	TUC

Total Coliform	
Monthly	Median
<1.8	
Daily	
Maximum	2