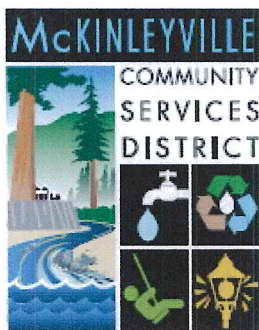


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May 26, 2011

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 2011 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 the Mad River. The required monitoring and water quality constituents that were tested and were reported were in compliance in April with the exception of Acute Toxicity Testing.

The requirement for BOD is 45 mg/L, a maximum of 604 lb/day for the monthly average, a minimum of 65% removal and a weekly average of 65 mg/L and 873 lb/day. 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 1108 lb/day and a minimum of 65% removal for the monthly 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 <1.8 and a Maximum of <1.8. Four samples were collected in the month of April and were in compliance.

Monitoring of the Mad River was conducted in April.

Semiannual testing for constituents of Concern was conducted in April and all were 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%. Four tests were conducted for April and are as follows; 15%, 60%, 90% and 100% survival. Testing in April resulted in two exceedances for minimum of 70% survival and one exceedance for median of 75% survival.


Quarterly Well Testing and Disinfection by-products 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 Effluent Flow Data Sheet
- D. BOD and TSS work sheet
- E. Laboratory Analysis for Constituents of Concern
- F. Laboratory Analysis for Acute Toxicity Testing
- G. River Monitoring worksheet for R-001 and R-002
- H. Monitoring Well worksheets

"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: 2011

DATE	INFLUENT FLOW MGD	EFFLUENT FLOW MGD	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING										3X5 TOTAL COLIFORM
					B.O.D. mg/L	N.F.R. mg/L	pH	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL <sub>2</sub> RES.	RIVER CL <sub>2</sub> RES	SETTLABLE SOLIDS	TOTAL		
1	1.400	1.526	1244	6490		150	130	6.6	13.5	22	30	28	1.3	0.00	<0.1		
2	1.405	1.816	1281	6680				6.9	13.0				0.2	0.00			
3	1.420	1.836	1288	5770				6.8	12.5				0.4	0.00			
4	1.380	1.836	1293	4450				6.4	13.2			26	0.7	0.00			
5	1.282	1.840	1293	4040				6.8	13.1			20	3.3	0.00	<1.8		
6	1.289	1.738	1281	3580				6.7	13.4			20	2	0.00			
7	1.289	1.662	1179	3280				6.7	12.7			28	3.7	0.00			
8	1.272	1.623	1139	2860		180	190	6.9	13.3	19	33	20	2.0	0.00	<0.1		
9	1.290	1.621	1148	2400				6.8	12.7				2.5	0.00			
10	1.324	1.621	1138	2040				6.9	13.0				2.2	0.00			
11	1.246	1.619	1133	2010				7.0	13.6			24	3.4	0.00	<1.8		
12	1.203	1.626	1137	1910				6.7	13.8			20	3.6	0.00			
13	1.206	1.628	1147	1870				7.2	13.6			20	4.1	0.00			
14	1.165	1.473	1140	1720				7.1	13.6			20	3.5	0.00			
15	1.339	1.213	854	1680		210	220	7.2	14.1	28	47	20	4.2	0.00	<0.1		
16	1.441	1.184	831	7770				6.9	14.0				1.8	0.00			
17	1.622	1.191	833	7280				6.8	14.1				0.3	0.00			
18	1.615	1.191	1006	8420				6.9	13.4			20	3.2	0.00	<1.8		
19	1.437	1.451	1019	6420				7.1	13.3			18	1.1	0.00			
20	1.395	1.459	1025	4470				6.7	14.5			20	0.6	0.00			
21	1.349	1.466	1032	2570				7.0	13.7			18	2.7	0.00			
22	1.362	1.466	1031	2530		210	200	6.9	14.0	24	38	20	3.8	0.00	<0.1		
23	1.311	1.464	1027	2570				6.7	13.9				2.2	0.00			
24	1.309	1.471	1078	2530				6.6	13.9				2.1	0.00			
25	1.265	1.463	1025	2720				6.8	14.4			16	1.3	0.00	<1.8		
26	1.224	1.461	1028	3210				7	14.3			16	1.7	0.00			
27	1.195	1.465	1031	2570				7	14.1			16	1.2	0.00			
28	1.176	1.474	1032	2260				7.1	14.6			16	1.3	0.00			
29	1.150	1.470	1037	2020		240	350	7.1	14.7	24	40	14	2.3	0.00	<0.1		
30	1.167	1.461	1027	1790									2.7	0.00			
31																	

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
4/13/2011	210	29.0	ND
			BORON
			150

Semi-Annual Tests		
Test	Value in ug/l	
Bis phthalate	ND	
aliph-BHC	ND	
4,4' -DDT	ND	
carbon tetrachloride	ND	

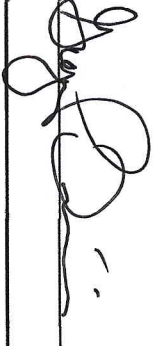
Quarterly Tests		
Test	Value in ug/l	
Dichlorobromomethane	DNQ	
Bromofom	ND	
Chlorodibromomethane	ND	
Chlorofom	0.91	

30 DAY AVERAGE

SPILLS:				
None to report				
BOD	BOD	BOD	NFR	NFR
mg/L	LBS/DAY	% Removal	mg/L	LBS/DAY
23	284	88	38	456
				% Removal
				82

ACUTE TOXICITY		
DATE	% Survival	Median
Rainbow Trout April	75%	
C. dubia	N/A	

SIGNATURE:



REMARKS:

Indicates Permit Exceedance

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

Total Coliform	
Monthly	MEDIAN
	<1.8
Daily	Maximum
	<1.8