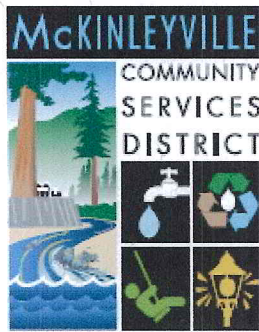


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R.W.Q.C.B. NORTH COAST REGION

June 29, 2011

5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the Monthly Monitoring Report for May 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 13 days discharge to the Mad River, 12 days discharge to reclamation and land disposal and 1 day of no discharge. The required monitoring and water quality constituents that were tested and were reported were in compliance in May.

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 four weekly tests in May, that constitutes seven criteria. The BOD results for May 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 four weekly tests in May, that constitutes three criteria. The NFR results for May 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 May 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 May are as follows. Median was <1.8 and a Maximum of <1.8. Five samples were collected in the month of May and were in compliance.

Monitoring of the Mad River was conducted in May.

Annual Priority Pollutants Testing was conducted in May and is included in with this report.

Constituents of concern results were collected from the Priority Pollutants testing and were all in compliance. Carbon tetrachloride result of 3 µg/L has no limit in the permit.

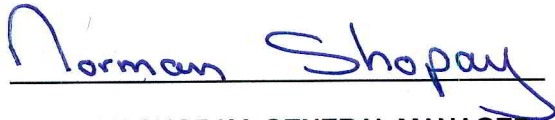
The Requirement for Acute Toxicity testing is a minimum of 70% survival for any one test and median for all tests in one month of 90%. Two tests were conducted for May and are as follows 90% and 100% survival. Testing in May resulted in a median of 95% survival and is in compliance.

EXHIBITS:

- A. May 2011 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 Priority Pollutants
- F. Laboratory Analysis for Acute Toxicity Testing
- G. River Monitoring worksheet for R-001 and R-002

"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: MAY

YEAR: 2011

				EFFLUENT MONITORING				3X5 TOTAL COLIFORM								
DATE	INFLUENT FLOW MG/D	EFFLUENT FLOW MG/D	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		pH	(C°)		B.O.D. mg/L	NFR mg/L	EFFLUENT MONITORING			SETTLABLE SOLIDS	
					B.O.D. mg/L	N.F.R. mg/L		TEMP				AMMONIA	CL ₂ RES.	RIVER CL ₂ RES		
1	1.215	1.461	1034	1630			7.3	14.9				16	2.1	0.00		<1.8
2	1.154	1.454	1022	1540			7.1	15.1				20	2.9	0.00		
3	1.129	0.814	1029	1320			Shut Down									
4	1.114	0.000	0	1260			7.1	15.8				20	4.9	0.00		
5	1.108	0.579	831	1320			6.6	14.6	19	44	20	0.2	0.00	<0.1		
6	1.091	1.018	832	1280	260	410		14.4				20	3.5	0.00		
7	1.108	1.190	844	1240			7.1	14.4					3.8	0.00		
8	1.145	1.194	859	1270			6.7	14.3				20	2.1	0.00		<1.8
9	1.120	1.180	829	1170			6.7	14.7				18	2.0	0.00		
10	1.073	1.176	826	1060			6.9	15.5				22	1.1	0.00		
11	1.065	1.176	823	1020			6.7	15.5				20	2.6	0.00		
12	1.074	1.176	883	965			7.1	15.4	15	42	20	2.9	0.00	<0.1		
13	1.051	1.168	822	940	200	210		15.5				20	2.4	0.00		
14	1.072	0.538	820	828			6.7									
15	1.160	0.197	142				7.0	15.2				18	2.4			<1.8
16	1.094	0.587	1102				6.5	13.7				22	3.6			
17	1.046	0.892	887				6.9	14.5				16	4.4			
18	1.047	0.982	960				6.7	14.6				20	2.7			
19	1.031	0.883	853				7.1	15.1	19	28	18	2.8		<0.1		
20	1.002	0.719	829		270	310										
21	1.025	0.460	325													
22	1.082	0.459	322													
23	1.011	0.744	896				6.5	15.2				20	3.3			<1.8
24	0.989	0.929	899				6.7	15.5				18	3.5			
25	1.001	0.750	800				6.6	15.1				20	4.1			
26	0.997	0.746	893				6.6	15.6				18	4.3			
27	0.973	0.768	747		2400	210	6.7	15.5	19	33	22	4.4		<0.1		
28	0.952	0.513	361													
29	0.956	0.513	362													
30	1.047	0.510	360													
31	0.973	0.740	584				6.9	15.5				20	4.0			<1.8

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
5/1/2011	230	23.0	ND
			BORON
			180

Semi-Annual Tests			Value in ug/l
Bis phthalate			ND
alp-BHC			ND
4,4'-DDT			ND
Carbon tetrachloride			3

Quarterly Tests			Value in ug/l
Dichlorobromomethane			N/A
Bromomethane			N/A
Chlorodibromomethane			N/A
Chloromethane			N/A

30 DAY AVERAGE

SPILLS:			
None to report			
BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR LBS/DAY
18	126	93	37
			275
			86

ACUTE TOXICITY			MEDIAN
DATE	% Survival		
5/31/2011	95%		
Rainbow Trout			
C. dubia			
N/A			

SIGNATURE:

REMARKS: 5/4/2011 Discharge shut down for CCB cleaning

Indicates Permit Exceedance

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

Total Coliform	
Monthly	
MEDIAN	<1.8
Daily	
Maximum	<1.8