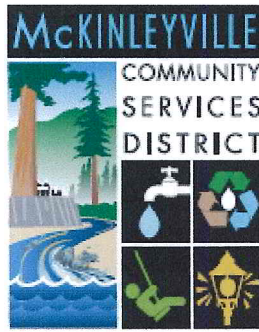


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R.W.Q.C.B. NORTH COAST REGION  
5550 SKYLANE BLVD., SUITE A  
SANTA ROSA, CA 95403

September 29, 2011

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for August 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 31 days discharge to reclamation M-004, 5, 6, & 7 and land disposal M003. The required monitoring and water quality constituents that were tested and were reported were in compliance in August.

The requirement for BOD is 45 mg/L, for the monthly average, a minimum of 65% removal and a weekly average of 65 mg/L. With four weekly tests in August, that constitutes seven criteria. The BOD results for August 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 August, that constitutes three criteria. The NFR results for August 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 August 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 August are as follows. Median was <1.8 and a Maximum of 4.5. Five samples were collected in the month of August and were in compliance.


Monthly River Monitoring was conducted in August.

EXHIBITS:

- A. August 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. BOD and TSS work sheet
- D. 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: AUGUST

YEAR: 2011

DATE	INFLUENT FLOW		EFFLUENT FLOW		EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING							3X5 TOTAL COLIFORM	
	M.G.D.	M.G.D.	M.G.D.	M.G.D.			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
1	0.878	794	0.794	794				7.0	17.9			28	1.6				4.5
2	0.849	920	0.920	920				7.0	17.4			30	9.9				
3	0.855	841	0.841	841				6.8	17.3			28	2.6				
4	0.849	929	0.929	929				6.7	17.8			30	0.4				
5	0.852	876	0.876	876	300	610		6.7	17.9	22	26	34	0.5			<0.1	
6	0.833	241	0.241	241													
7	0.868	266	0.266	266													
8	0.852	1109	0.757	1109				6.6	17.4			32	0.8				<1.8
9	0.841	1018	1.062	1018				6.6	17.4			32	0.9				
10	0.851	952	0.982	952				6.6	17.6			30	1.4				
11	0.837	886	0.904	886				6.8	17.8			30	1.4				
12	0.830	902	0.728	902	450	150		7	17.6	14	22	34	1.4			<0.1	
13	0.833	295	0.416	295													
14	0.873	298	0.421	298													
15	0.866	1132	0.819	1132				6.8	17.7			32	0.7				
16	0.852	1066	1.109	1066				6.7	18.3			32	1.8				<1.8
17	0.860	821	0.907	821				6.9	18.0			34	3.4				
18	0.862	826	0.910	826				6.7	17.6			36	3.7				
19	0.866	827	0.692	827	290	220		6.7	17.7	13	20	28	2.7			<0.1	
20	0.837	209	0.294	209													
21	0.890	210	0.296	210													
22	0.862	900	0.633	900				6.7	17.7			30	1.6				<1.8
23	0.860	810	0.979	810				6.8	17.5			32	3.3				
24	0.854	780	0.872	780				6.8	18.5			34	2.4				
25	0.843	840	0.899	840				6.9	18.4			34	2.8				
26	0.833	853	0.741	853	320	250		6.6	18.1	10	13	34	2.6			<0.1	
27	0.878	213	0.301	213													
28	0.940	216	0.306	216													
29	0.860	941	0.655	941				6.9	17.7			32	1.9				<1.8
30	0.851	987	0.976	987				6.7	17.7			34	3.1				
31	0.854	906	0.905	906				6.7	17.8			32	5.3				

SPILLS:

None to report

DATE	MONTHLY TESTS			
	TDS	AMMONIA	NITRATE	BORON
8/8/2011	320	26.0	ND	260

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

Quarterly Tests		Value in ug/l
Dichlorobromomethane		N/A
Bromofom		N/A
Chlorodibromomethane		N/A
Chlorofom		N/A

30 DAY AVERAGE

	BOD		BOD		BOD		NFR	
	mg/L	LBS/DAY	% Removal	mg/L	LBS/DAY	% Removal	LBS/DAY	% Removal
	15	96	95	20	130	92		

ACUTE TOXICITY

DATE	% Survival
N/A	
N/A	
N/A	

Rainbow Trout  
C. dubia

CHRONIC TOXICITY

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

Total Coliform	Monthly	MEDIAN	<1.8
Daily	Maximum		4.5

Indicates Permit Exceedance

REMARKS:

SIGNATURE: