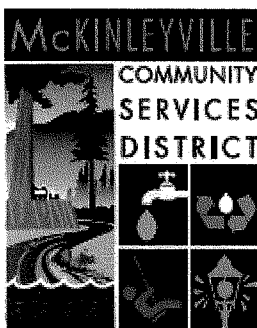


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R.W.Q.C.B. NORTH COAST REGION  
5550 SKYLANE BLVD., SUITE A  
SANTA ROSA, CA 95403

September 27, 2012

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for August 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 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 monthly average. Discharge Point 002 limit of 65 mg/L weekly average. With five weekly tests in August that represent six criteria. The BOD results for August are in compliance.

The requirement for TSS is 83 mg/L monthly average with five weekly tests in August which represent one criterion. The TSS 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 22. Four samples were collected in the month of August and were in compliance.

Monthly River Monitoring was conducted in August.

**McKINLEYVILLE COMMUNITY SERVICES DISTRICT**  
**WASTEWATER MANAGEMENT FACILITY**  
**MONITORING DATA**

MONTH: AUGUST

YEAR: 2012

DATE	INFLUENT FLOW M.G.D.	EFFLUENT FLOW M.G.D.	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING		pH	(C°)		B.O.D. mg/L	NFR mg/L	AMMONIA		CL <sub>2</sub> RES.		RIVER CL <sub>2</sub> RES	SETTLABLE SOLIDS	3X5 TOTAL COLIFORM
					B.O.D. mg/L	N.F.R. mg/L				TEMP										
1	0.870	1.312	1232						6.8	17.9				28		2.7				
2	0.861	1.315	1237						7.0	17.9				32		3.1				
3	0.857	1.155	1227		270	200			7.0	17.8		24	18	32		3.7			<0.1	
4	0.867	0.753	527																	
5	0.894	0.750	526																	
6	0.885	0.973	1158						7	18.5				26		4.2				<1.8
7	0.875	1.270	1159						7.0	18.1				30		3.3				
8	0.901	1.181	953						6.8	17.7				32		3.7				
9	0.870	1.161	1073						6.9	18.1		30	17	32		3.6				
10	0.858	1.031	960		270	280			7.0	18.1				20		3.7			<0.1	
11	0.861	0.757	532																	
12	0.902	0.766	541																	
13	0.896	0.907	996											26		3.4				<1.8
14	0.893	1.266	1144						6.7	17.3				30		2.9				
15	0.906	1.291	1144						6.8	17.9				30		3.3				
16	0.885	1.263	1106						6.8	17.8				30		3.2				
17	0.875	1.101	1067		230	250			7.0	17.8		28	14	28		4.0			<0.1	
18	0.879	0.751	526																	
19	0.914	0.751	526																	
20	0.889	0.949	1092						6.9	17.3				26		4.4				<1.8
21	0.877	1.255	1092						6.9	17.6				36		3.2				
22	0.878	1.230	1049						7.0	18.0				36		3.0				
23	0.866	1.247	1049						7.1	17.6				36		3.0				
24	0.862	1.070	1050		270	310			7.0	17.7		26	17	28		2.9			<0.1	
25	0.871	0.663	464																	
26	0.912	0.665	465																	
27	0.894	0.899	1137						6.9	18				30		1.8				22
28	0.855	1.281	1226						6.9	17.7				32		1.0				
29	0.867	1.023	1113						6.8	17.3				32		3.4				
30	0.868	0.885	827						6.9	17.6				32		3.0				
31	0.842	0.864	960		300	310			6.9	17.6		28	12	28		3.0			<0.1	

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
8/16/2012	290	260	ND
			BORON
			410

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
Dichlorobromomethane		N/A
Bromoforn		N/A
Chlorodibromomethane		N/A
Chloroforn		N/A

30 DAY AVERAGE

None to report	
BOD	BOD
mg/L	LB/DAY
26	232
	% Removal
	90
	NFR
	17
	150
	% Removal
	93

ACUTE TOXICITY	
DATE	% Survival
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

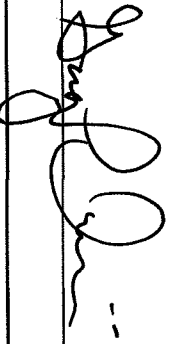
Rainbow Trout  
C. dubia

Indicates Permit Exceedance

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

Total Coliform	
Monthly	Median
<1.8	
Daily	Maximum
22	

SIGNATURE:



REMARKS: