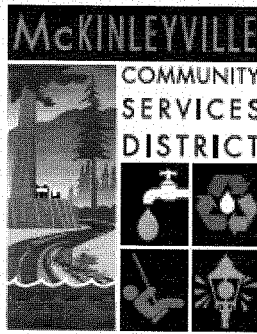


**PHYSICAL ADDRESS:**

1656 SUTTER ROAD  
McKINLEYVILLE, CA 95519

**MAILING ADDRESS:**

P.O. BOX 2037  
McKINLEYVILLE, CA 95519



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

February 27, 2014

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for January 2014 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 reclamation M-004, 5, & 6 and land disposal M-003. The required monitoring and water quality constituents that were tested and reported were in compliance in January 2014.

The requirement for BOD is 45 mg/L monthly average and 65 % removal for the weekly average with five weekly tests in January that represent six criteria. The BOD results for January are in compliance.

The requirement for TSS is 83 mg/L monthly average with five weekly tests in January which represent one criteria. The TSS results for January 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 January 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 January are as follows. Median was <1.8 and a Maximum of <1.8. Four samples were collected in the month of January and were in compliance.

Monthly River Monitoring was conducted in January.

Quarterly Disinfection By-Products testing was conducted in January.

Quarterly Monitoring Well testing was conducted in January.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
EFFLUENT DISCHARGE DISPOSAL

JANUARY 2014

Discharge Monitoring DATE	M-INF	M-001	002		002	004	003	006	005	001	
	INFLUENT	EFFLUENT	MAXIMUM	M-003	M-003	M-005	M-004	M-007	M-006	IRRIGATE	RIVER
	MGD	MGD	GPM	N.POND	S.POND	FISCHER	FISCHER	PIALORSI	HILLER	TOTAL	MGD
				MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD
						UPPER	LOWER				
1	0.820	0.609	431		0.609					0.000	0.000
2	0.803	1.221	1375		0.220	0.785	0.090		0.126	1.001	0.000
3	0.789	0.976	1125		0.364	0.484	0.033		0.095	0.612	0.000
4	0.832	0.671	476		0.671					0.000	0.000
5	0.884	0.680	482		0.680					0.000	0.000
6	0.806	1.160	1137		0.260	0.774			0.126	0.900	0.000
7	0.793	1.385	1129			1.183			0.202	1.385	0.000
8	0.823	1.268	939			1.069			0.199	1.268	0.000
9	0.798	1.262	883			1.059			0.203	1.262	0.000
10	0.792	0.931	884		0.378	0.462			0.091	0.553	0.000
11	0.881	0.688	485		0.688					0.000	0.000
12	0.909	0.689	487		0.689					0.000	0.000
13	0.831	0.518	826		0.256	0.262				0.262	0.000
14	0.800	0.000	0							0.000	0.000
15	0.809	0.778	1335			0.648			0.130	0.778	0.000
16	0.806	1.145	904			1.047			0.098	1.145	0.000
17	0.787	0.821	736		0.348	0.473				0.473	0.000
18	0.838	0.671	474		0.671					0.000	0.000
19	0.865	0.666	466		0.666					0.000	0.000
20	0.862	0.944	796		0.259	0.561			0.124	0.685	0.000
21	0.812	1.138	797			0.938			0.200	1.138	0.000
22	0.792	1.138	796			0.941			0.197	1.138	0.000
23	0.793	1.039	801			0.969			0.070	1.039	0.000
24	0.776	0.820	807		0.370	0.429			0.021	0.450	0.000
25	0.821	0.579	474		0.579					0.000	0.000
26	0.897	0.624	446		0.624					0.000	0.000
27	0.822	0.962	831		0.241	0.594			0.127	0.721	0.000
28	0.797	1.176	837			0.972			0.204	1.176	0.000
29	0.848	1.168	821			0.973			0.195	1.168	0.000
30	0.818	1.171	830			0.979			0.192	1.171	0.000
31	0.795	0.898	833		0.351	0.457			0.090	0.547	0.000
TOTAL	25.499	27.796		0.000	8.924	16.059	0.123	0.000	2.690	18.872	0.000
AVERAGE	0.823	0.897	763	0.000	0.470	0.765	0.062	0.000	0.142	0.609	0.000
MAXIMUM	0.909	1.385	1375	0.000	0.689	1.183	0.090	0.000	0.204	1.385	0.000
MINIMUM	0.776	0.000	0	0.000	0.220	0.262	0.033	0.000	0.021	0.000	0.000
DAYS	31	30		0	19	21	2	0	19	21	0
DAYS WITH NO DISCHARGE = 01											

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

MONTH: JANUARY

YEAR: 2014

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.	GPM			B.O.D. mg/L	N.F.R. mg/L	pH	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL₂ RES.	RIVER CL₂ RES		SETTLABLE SOLIDS
1	0.820	0.609		431					7.1	9.3			32	3.4			
2	0.803	1.221		1375					7.1	8.8	34	34	30	1.0		<0.1	
3	0.789	0.976		1125	250		350										
4	0.832	0.671		476													
5	0.884	0.680		482													
6	0.806	1.160		1137				7	8.2				34	2.1			<1.8
7	0.793	1.385		1129				7.1	9.1				36	0.8			
8	0.823	1.268		939				7.0	10.7				34	0.2			
9	0.798	1.262		883				7.0	9.7				36	1.6			
10	0.792	0.931		884	370		1100	6.9	9.5	35	36	36	2.0		<0.1		
11	0.881	0.688		485													
12	0.909	0.689		487													
13	0.831	0.518		826				6.8	9.9				32	2.6		<1.8	
14	0.800	0.000		0	Washed CCB												
15	0.809	0.778		1335				7.0	10.9			32	0.4				
16	0.806	1.145		904				7.1	10.4			32	2.5				
17	0.787	0.821		736	260		250	6.8	9.2	40	30	32	3.7		<0.1		
18	0.838	0.671		474													
19	0.865	0.666		466													
20	0.862	0.944		796				6.9	9.6			36	6.3			<1.8	
21	0.812	1.138		797				6.8	9.2			36	4.2				
22	0.792	1.138		796				6.5	10.0			32	4.1				
23	0.793	1.039		801				6.9	9.5			32	5.3				
24	0.776	0.820		807	320		270	6.8	10.6	38	30	34	5.1		<0.1		
25	0.821	0.579		474													
26	0.897	0.624		446													
27	0.822	0.962		831													
28	0.797	1.176		837				7.4	11.2			36	11		<1.8		
29	0.848	1.168		821				7.1	10.6			38	3.8				
30	0.818	1.171		830				7.2	12.0			32	2.9				
31	0.795	0.898		833	270		210	7.4	11.5	45	44	34	4.1			<0.1	

SPILLS:

None to report

DATE	MONTHLY TESTS			
	TDS	AMMONIA	NITRATE	BORON
1/31/2014	320	34.0	ND	310

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		ND
Bromofom		ND
Chlorodibromomethane		ND
Chloroform		DNQ

30 DAY AVERAGE		BOD mg/L	BOD LBS/DAY	% Removal	BOD mg/L	NFR	NFR LBS/DAY	% Removal
		38	284	87	35		259	89

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	<1.8

SIGNATURE: \_\_\_\_\_

REMARKS:

Indicates Permit Exceedance