

**PHYSICAL ADDRESS:**

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

July 21, 2014

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for June 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 29 days discharge to reclamation M-004, 5, 6, & 7 and land disposal M-003. The required monitoring and water quality constituents that were tested and reported were in compliance in June 2014

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

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

Monthly River Monitoring was conducted in June.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
EFFLUENT DISCHARGE DISPOSAL

JUNE 2014

Discharge Monitoring				002	002	004	003	006	005	001	
	M-INF	M-001		M-003	M-003	M-005	M-004	M-007	M-006		M-002
	DATE	INFLUENT MGD	EFFLUENT MGD	MAXIMUM GPM	N.POND MGD	S.POND MGD	FISCHER MGD UPPER	FISCHER MGD LOWER	PIALORSI MGD	HILLER MGD	IRRGATE TOTAL MGD
1	0.875	0.455	324		0.455					0.000	0.000
2	0.839	0.589	800		0.170	0.378		0.041		0.419	0.000
3	0.808	0.904	1201			0.716	0.036	0.152		0.904	0.000
4	0.813	0.963	966			0.697	0.038	0.228		0.963	0.000
5	0.809	0.836	998			0.568	0.035	0.233		0.836	0.000
6	0.798	0.605	638		0.290	0.165	0.029	0.121		0.315	0.000
7	0.795	0.538	379		0.538					0.000	0.000
8	0.867	0.539	380		0.539					0.000	0.000
9	0.826	0.295	810		0.200	0.095				0.095	0.000
10	0.811	0.000	0	Washed CCB						0.000	0.000
11	0.802	0.448	950			0.254	0.042	0.152		0.448	0.000
12	0.796	0.691	736			0.421	0.039	0.231		0.691	0.000
13	0.796	0.748	734		0.369	0.227	0.034	0.118		0.379	0.000
14	0.796	0.666	473		0.666					0.000	0.000
15	0.837	0.643	455		0.643					0.000	0.000
16	0.833	0.607	918		0.246	0.202	0.025	0.134		0.361	0.000
17	0.799	0.832	948			0.519	0.037	0.276		0.832	0.000
18	0.808	0.949	947			0.679	0.041	0.229		0.949	0.000
19	0.788	0.974	1173			0.706	0.033	0.235		0.974	0.000
20	0.774	0.883	919		0.353	0.403		0.127		0.530	0.000
21	0.777	0.639	452		0.639					0.000	0.000
22	0.824	0.630	448		0.630					0.000	0.000
23	0.798	0.736	807		0.235	0.350		0.151		0.501	0.000
24	0.782	0.946	844			0.682	0.027	0.237		0.946	0.000
25	0.808	0.894	830			0.679		0.160	0.055	0.894	0.000
26	0.782	0.795	695			0.657			0.138	0.795	0.000
27	0.770	0.777	861		0.293	0.386		0.036	0.062	0.484	0.000
28	0.774	0.555	391		0.555					0.000	0.000
29	0.811	0.551	390		0.551					0.000	0.000
30	0.795	0.603	730		0.222	0.352		0.029		0.381	0.000
31										0.000	0.000
TOTAL	24.191	20.291		0.000	7.594	9.136	0.416	2.890	0.255	12.697	0.000
AVERAGE	0.806	0.676	707	#DIV/0!	0.400	0.457	0.035	0.161	0.085	0.410	0.000
MAXIMUM	0.875	0.974	1201	0.000	0.666	0.716	0.042	0.276	0.138	0.974	0.000
MINIMUM	0.770	0.000	0	0.000	0.000	0.095	0.025	0.029	0.055	0.000	0.000
DAYS	30	29		0	18	20	12	18	3	20	0
DAYS WITH NO DISCHARGE = 1											

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

YEAR: 2014

MONTH: JUNE

DATE	INFLUENT FLOW M.G.D.		EFFLUENT FLOW M.G.D.		EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING						3X5 TOTAL COLIFORM	
	FLOW M.G.D.	FLOW 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	CL₂ RES.	RIVER CL₂ RES	SETTLABLE SOLIDS		
1	0.875	0.455	324													
2	0.839	0.589	800											36	4.9	
3	0.808	0.904	1201											36	6.9	
4	0.813	0.963	966											36	5.5	
5	0.809	0.836	998											36	7.1	
6	0.798	0.605	638											26	8.0	<0.1
7	0.795	0.538	379										17			
8	0.867	0.539	380													
9	0.826	0.295	810											34	5.7	
10	0.811	0.000	0													<1.8
11	0.802	0.448	950											34	5.9	
12	0.796	0.691	736											36	9.2	
13	0.796	0.748	734											34	6.5	
14	0.796	0.666	473													
15	0.837	0.643	455													
16	0.833	0.607	918											36	4.1	<1.8
17	0.799	0.832	948											32	4.7	
18	0.808	0.949	947											26	4.9	
19	0.788	0.974	1173											36	4.3	
20	0.774	0.883	919											32	4.2	<0.1
21	0.777	0.639	452													
22	0.824	0.630	448													
23	0.798	0.736	807													
24	0.782	0.946	844											30	3.8	<1.8
25	0.808	0.894	830											36	3.7	
26	0.782	0.795	695											34	2.6	
27	0.770	0.777	861											36	1.7	
28	0.774	0.555	391											38	1.2	<0.1
29	0.811	0.551	390													
30	0.795	0.603	730											34	2.2	1.8
31																

SPILLS:

None to report

DATE	MONTHLY TESTS			BORON
	TDS	AMMONIA	NITRATE	
6/30/2014	300	13.0	ND	300

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
Bromoform		N/A
Chlorodibromomethane		N/A
Chloroform		N/A

30 DAY AVERAGE		BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal
		23	145	93	15	90	95

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