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

July 25, 2013

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for June 2013 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.

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. Four 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 2013

Discharge Monitoring	M-INF	M-001		002 M-003	002 M-003	004 M-005	003 M-004	006 M-007	005 M-006		001 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	RIVER MGD
1	0.859	0.612	430		0.612					0.000	0.00
2	0.921	0.612	429		0.612					0.000	0.00
3	0.870	0.858	973		0.225	0.290	0.099	0.158	0.086	0.633	0.00
4	0.857	1.117	976			0.524	0.155	0.284	0.154	1.117	0.00
5	0.846	1.076	932			0.574	0.064	0.286	0.152	1.076	0.00
6	0.854	1.049	896			0.469	0.142	0.282	0.156	1.049	0.00
7	0.831	0.913	1094		0.288	0.363	0.019	0.157	0.086	0.625	0.00
8	0.842	0.524	369		0.524					0.000	0.00
9	0.921	0.520	365		0.520					0.000	0.00
10	0.876	0.363	961		0.203	0.097	0.018	0.029	0.016	0.160	0.00
11	0.847	0.000	0 Shut down to wash CCB							0.000	0.00
12	0.857	0.641	1114			0.372	0.023	0.159	0.087	0.641	0.00
13	0.857	1.136	954			0.689		0.288	0.159	1.136	0.00
14	0.847	0.970	1067		0.308	0.181	0.225	0.166	0.090	0.662	0.00
15	0.860	0.567	410		0.567					0.000	0.00
16	0.876	0.555	389		0.555					0.000	0.00
17	0.841	0.919	1114		0.198	0.442	0.029	0.162	0.088	0.721	0.00
18	0.833	1.328	1199			0.854	0.022	0.289	0.163	1.328	0.00
19	0.852	1.314	1177			0.829	0.027	0.290	0.168	1.314	0.00
20	0.833	1.318	1172			0.837	0.024	0.291	0.166	1.318	0.00
21	0.830	1.101	1160		0.320	0.504	0.016	0.167	0.094	0.781	0.00
22	0.824	0.608	426		0.608					0.000	0.00
23	0.877	0.610	429		0.610					0.000	0.00
24	0.864	0.915	1124		0.225	0.447	0.036	0.115	0.092	0.690	0.00
25	0.840	1.276	1142			0.825	0.037	0.245	0.169	1.276	0.00
26	0.855	1.256	1060			0.810	0.035	0.244	0.167	1.256	0.00
27	0.861	1.269	1136			0.824	0.034	0.246	0.165	1.269	0.00
28	0.841	1.106	1133		0.402	0.450	0.032	0.130	0.092	0.704	0.00
29	0.841	0.735	516		0.735					0.000	0.00
30	0.876	0.733	518		0.733					0.000	0.00
31										0.000	0.00
TOTAL	25.689	26.001		0.000	8.245	10.381	1.037	3.988	2.350	17.756	0.00
AVERAGE	0.856	0.867	822	#DIV/0!	0.434	0.546	0.058	0.210	0.124	0.573	0.00
MAXIMUM	0.921	1.328	1199	0.000	0.735	0.854	0.225	0.291	0.169	1.328	0.00
MINIMUM	0.824	0.000	0	0.000	0.000	0.097	0.016	0.029	0.016	0.000	0.00
DAYS	30	30		0	18	19	18	19	19	31	:
DAYS WITH NO DISCHARGE = 1											

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

MONTH: JUNE

YEAR: 2013

DATE	INFLUENT		EFFLUENT		RIVER	INFLUENT MONITORING		EFFLUENT MONITORING		RIVER	3X5 TOTAL COLIFORM
	FLOW M.G.D.	MAXIMUM GPM	FLOW M.G.D.	MAXIMUM GPM	CFS	B.O.D. mg/L	N.F.R. mg/L	(C°) TEMP	B.O.D. mg/L	NFR mg/L	
1	0.859		0.612	430							
2	0.921		0.612	429							
3	0.870		0.858	973							
4	0.857		1.117	976							
5	0.846		1.076	932							
6	0.854		1.049	896							
7	0.831		0.913	1094							
8	0.842		0.524	369							
9	0.921		0.520	365							
10	0.876		0.363	961							
11	0.847		0.000	0							
12	0.857		0.641	1114							
13	0.857		1.136	954							
14	0.847		0.970	1067							
15	0.860		0.567	410							
16	0.876		0.555	389							
17	0.841		0.919	1114							
18	0.833		1.328	1199							
19	0.852		1.314	1177							
20	0.833		1.318	1172							
21	0.830		1.101	1160							
22	0.824		0.808	426							
23	0.877		0.910	429							
24	0.864		0.915	1124							
25	0.840		1.276	1142							
26	0.855		1.256	1060							
27	0.861		1.269	1136							
28	0.841		1.106	1133							
29	0.841		0.735	516							
30	0.876		0.733	518							
31											

DATE	MONTHLY TESTS			
	TDS	AMMONIA	NITRATE	BORON
6/6/2013	300	15.0	ND	240

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

SPILLS:		None to report			
		BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L
		32	269	88	14
		30 DAY AVERAGE		LBS/DAY	% Removal
				127	95

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

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

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

Total Coliform	
Monthly MEDIAN	<1.8
Daily	
Maximum	<1.8

SIGNATURE: James Henry

REMARKS:

Indicates Permit Exceedance