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

June 27, 2015

**RE: MONTHLY MONITORING REPORT**

Dear Justin:

Enclosed is the Monthly Monitoring Report for June 2015 for McKinleyville Community Services District Wastewater Management Facilities WDWID NO. 1B82084OHUM, operating under Order Number WQ 2011-0008-DWQ.

The normal discharge of effluent was 28 days to Discharge Point 002, 003, 004 and 007. 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 for the 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.

WWMF Upgrade Status: Engineers will have the final Bid Documents completed by the end of July and is also working with the District on the NPDES permit renewal.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

YEAR: 2015

MONTH: JUNE

DATE	INFLUENT FLOW		EFFLUENT FLOW		EFFLUENT MAXIMUM GPM	RIVER OFS	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.	
1	0.816	0.308	0.308	526				6.9	17.5			36	3.8			<1.8
2	0.807	0.000	0	0				Washed CCB								
3	0.808	0.489	1189					7.0	17.8			34	8.9			
4	0.785	0.716	799					6.9	17.8			36	0.1			
5	0.773	0.903	716		330		300	6.8	18.1	38	47	32	3.9		<0.1	
6	0.808	1.012	712													
7	0.865	1.005	711													
8	0.817	0.795	763					7.0	18.5			32	7.3			<1.8
9	0.792	0.781	805					6.9	19.3			38	2.7			
10	0.804	0.832	867					7.0	19.2			30	2.8			
11	0.794	0.783	679					7.0	19.0			36	9.2			
12	0.810	0.806	762		360		240	7.1	19.5	45	51	32	6.1		<0.1	
13	0.788	0.358	448													
14	0.837	0.000	0				No discharge. Drained Pond									
15	0.795	0.592	1530					7.0	18.6			32	10.1			
16	0.781	0.850	788					7.1	19.0			38	8.3			<1.8
17	0.778	0.833	872					7.2	18.6			32	4.9			
18	0.763	0.900	806					7.2	18.5			34	5.1			
19	0.784	0.895	970		290		330	7.2	18.8	38	45	32	4.8		<0.1	
20	0.763	0.504	359													
21	0.809	0.485	342													
22	0.797	0.567	772					7.3	19.4			34	3.5			<1.8
23	0.785	0.754	927					7.3	18.1			36	3.7			
24	0.780	0.856	837					6.7	17.2			36	6.9			
25	0.772	0.753	842					6.8	18.3			34	3.5			
26	0.763	0.752	706		340		220	6.8	18.9	31	20	32	4.6		<0.1	
27	0.760	0.765	547													
28	0.787	0.743	521													
29	0.780	0.675	854					6.8	19.8			36	2.4			<1.8
30	0.777	0.702	799					6.8	19.4			34	1.8			

DATE	MONTHLY TESTS			BORON
	TDS	AMMONIA	NITRATE	
6/30/2015	300	35.0	N/D	250

SPILLS:									
None to report									
50 gallon sewer spill reported on CIWQS and OES. Complete spill was recovered									
30 DAY AVERAGE	BOD		BOD		BOD		BOD		NFR
	mg/L	% Removal	LBS/DAY	% Removal	mg/L	% Removal	LBS/DAY	% Removal	
	36		248		89		290		85

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
Bromochloromethane		N/A
Chlorodibromomethane		N/A
Chloroform		N/A

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

Rainbow Trout  
C. dubia

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: \_\_\_\_\_

REMARKS: Indicates Permit Exceedance

**McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
EFFLUENT DISCHARGE DISPOSAL**

**JUNE 2015**

Discharge Monitoring	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	0.816	0.308	526		0.308					0.000	0.000
2	0.807	0.000	0	Washed CCB						0.000	0.000
3	0.808	0.489	1189			0.309		0.180		0.489	0.000
4	0.785	0.716	799			0.468		0.248		0.716	0.000
5	0.773	0.903	716		0.555	0.228		0.120		0.348	0.000
6	0.808	1.012	712		1.012					0.000	0.000
7	0.865	1.005	711		1.005					0.000	0.000
8	0.817	0.795	763		0.131	0.534		0.130		0.664	0.000
9	0.792	0.781	805			0.514		0.267		0.781	0.000
10	0.804	0.832	867			0.524		0.308		0.832	0.000
11	0.794	0.783	679			0.508		0.275		0.783	0.000
12	0.810	0.806	762		0.349	0.295		0.162		0.457	0.000
13	0.788	0.358	448		0.358					0.000	0.000
14	0.837	0.000	0	Drained Pond. No discharge						0.000	0.000
15	0.795	0.592	1530			0.592				0.592	0.000
16	0.781	0.850	788			0.850				0.850	0.000
17	0.778	0.833	872			0.652		0.181		0.833	0.000
18	0.763	0.900	806			0.558		0.342		0.900	0.000
19	0.784	0.895	970		0.280	0.383	0.034	0.198		0.615	0.000
20	0.763	0.504	359		0.504					0.000	0.000
21	0.809	0.485	342		0.485					0.000	0.000
22	0.797	0.567	772		0.200	0.217	0.150			0.367	0.000
23	0.785	0.754	927			0.484	0.270			0.754	0.000
24	0.780	0.856	837			0.581	0.275			0.856	0.000
25	0.772	0.753	842			0.625	0.128			0.753	0.000
26	0.763	0.752	706		0.427	0.325				0.325	0.000
27	0.760	0.765	547		0.765					0.000	0.000
28	0.787	0.743	521		0.743					0.000	0.000
29	0.780	0.675	854		0.281	0.215	0.045	0.134		0.394	0.000
30	0.777	0.702	799			0.369		0.333		0.702	0.000
TOTAL	23.778	20.414		0.000	7.403	9.231	0.902	2.878	0.000	13.011	0.000
AVERAGE	0.793	0.680	715	0.000	0.463	0.462	0.129	0.221	0.000	0.434	0.000
MAXIMUM	0.865	1.012	1530	0.000	1.012	0.850	0.275	0.342	0.000	0.900	0.000
MINIMUM	0.760	0.000	0	0.000	0.000	0.215	0.000	0.120	0.000	0.000	0.000
DAYS	30	29		0	15	20	6	13	0	20	0

DAYS WITH NO DISCHARGE = 2