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

December 10, 2015

**RE: MONTHLY MONITORING REPORT**

Dear Justin:

Enclosed is the Monthly Monitoring Report for November 2015 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 to Discharge Point 002, 003, 004 and 006. The required monitoring and water quality constituents that were tested and reported were in compliance in November.

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

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

Monthly River Monitoring was conducted in November.

Quarterly well samples were conducted in November.

WWMF Upgrade Status: The District entered into contract with Auburn Constructors as the General on the Upgrade Project. The State Revolving Fund has accepted the qualifications in the bids received. Staff and engineers are still working on the NPDES permit renewal.

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

**NOVEMBER 2015**

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	0.884	0.603	427		0.603					0.000	0.000
2	0.656	0.634	637		0.204	0.430				0.430	0.000
3	0.457	0.701	616			0.576		0.125		0.701	0.000
4	0.683	0.868	860			0.611		0.257		0.868	0.000
5	0.764	0.956	866			0.692		0.264		0.956	0.000
6	0.758	0.823	753		0.420	0.263		0.140		0.403	0.000
7	0.783	0.752	539		0.752					0.000	0.000
8	0.870	0.745	533		0.745					0.000	0.000
9	0.813	0.821	780		0.258	0.376	0.058	0.129		0.563	0.000
10	0.810	0.820	884			0.499	0.061	0.260		0.820	0.000
11	0.804	1.000	887			0.813		0.187		1.000	0.000
12	0.756	1.106	1044			0.841		0.265		1.106	0.000
13	0.743	0.941	746		0.262	0.547		0.132		0.679	0.000
14	0.799	0.465	336		0.465					0.000	0.000
15	0.934	0.464	349		0.464					0.000	0.000
16	0.819	0.209	355			0.209				0.209	0.000
17	0.798	0.251	1160			0.251				0.251	0.000
18	0.833	0.722	807			0.593		0.129		0.722	0.000
19	0.813	1.021	811			0.759		0.262		1.021	0.000
20	0.806	0.944	810		0.433	0.376		0.135		0.511	0.000
21	0.820	0.786	555		0.786					0.000	0.000
22	0.854	0.784	556		0.784					0.000	0.000
23	0.806	1.018	935		0.283	0.735				0.735	0.000
24	0.855	1.352	961			1.352				1.352	0.000
25	0.833	1.081	966		0.441	0.640				0.640	0.000
26	0.841	0.788	566		0.788					0.000	0.000
27	0.769	0.784	564		0.784					0.000	0.000
28	0.799	0.783	562		0.783					0.000	0.000
29	0.857	0.782	559		0.782					0.000	0.000
30	0.807	1.204	1081		0.285	0.919				0.919	0.000
TOTAL	23.824	24.208		0.000	10.322	11.482	0.119	2.285	0.000	13.886	0.000
AVERAGE	0.794	0.807	717	0.000	0.543	0.604	0.060	0.190	0.000	0.000	0.000
MAXIMUM	0.934	1.352	1160	0.000	0.788	1.352	0.061	0.265	0.000	1.352	0.000
MINIMUM	0.457	0.209	336	0.000	0.204	0.209	0.058	0.125	0.000	0.000	0.000
DAYS	30	30		0	19	19	2	12	0	14	0.000

DAYS WITH NO DISCHARGE = 0

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

MONTH: NOVEMBER

YEAR: 2015

DATE	INFLUENT FLOW M.G.D.	EFFLUENT FLOW M.G.D.	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING							3X5 TOTAL COLIFORM	
					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		SETTLABLE SOLIDS
1	0.884	0.603	427				7.0	16.4			32	2.3			<1.8
2	0.656	0.634	637				7.1	15.3			34	2.8			
3	0.457	0.701	616				7.0	14.7			34	2.2			
4	0.683	0.868	860				7.0	14.5			32	5.2			<0.1
5	0.764	0.956	866				7.0	14.2	21	15	32	5.2			
6	0.758	0.823	753		240	220									
7	0.783	0.752	539												<1.8
8	0.870	0.745	533				7.0	14.0			32	7.4			
9	0.813	0.821	780				7.2	13.1			34	5.9			
10	0.810	0.820	884				7.1	12.8				5.6			<0.1
11	0.804	1.000	887				7.2	13.0			32	6.2			
12	0.756	1.106	1044				7.0	12.8	24	12	34	8.7			
13	0.743	0.941	746		300	240									<1.8
14	0.799	0.465	336												
15	0.934	0.464	349				7.1	11.8			32	4.0			
16	0.819	0.209	355				7.1	13.9			30	6.0			<0.1
17	0.798	0.251	1160				7.1	13.5			34	0.2			
18	0.833	0.722	807				7.2	13.0			36	8.1			
19	0.813	1.021	811				7.2	13.3	34	13	32	7.2			<1.8
20	0.806	0.944	810		330	250									
21	0.820	0.786	555												
22	0.854	0.784	556				7.4	13.2			36	6.0			<0.1
23	0.806	1.018	935				7.3	13.0	20	13	34	8.1			
24	0.855	1.352	961		270	240	7.3	11.8			34	6.2			
25	0.833	1.081	966												<0.1
26	0.841	0.788	566												
27	0.769	0.784	564												
28	0.799	0.783	562												<0.1
29	0.857	0.782	559												
30	0.807	1.204	1081				7.1	10.8			34	7.4			

**SPLLS:**

None to report
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MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
11/30/2015	340	34.0	ND
			BORON
			280

**30 DAY AVERAGE**

BOD mg/L	BOD LBS/DAY	BOD % Removal	N.F.R. mg/L	N.F.R. LBS/DAY	N.F.R. % Removal
25	206	91	13	112	94

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

Quarterly Tests		Value in ug/l
Dichlorobromomethane		N/A
Bromofom		N/A
Chlorodibromomethane		N/A
Chlorofom		N/A

ACUTE TOXICITY	
DATE	% Survival
	N/A
	N/A

Indicates Permit Exceedance

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

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

REMARKS:

Total Coliform	
Monthly	
MEDIAN	<1.8
Daily	
Maximum	<1.8