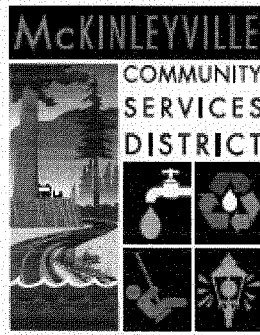


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R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

September 22, 2015

RE: MONTHLY MONITORING REPORT

Dear Justin:

Enclosed is the Monthly Monitoring Report for August 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 31 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 August.

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

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

Monthly River Monitoring was conducted in August.

WWMF Upgrade Status: Invitation to Bid went out and a mandatory pre bid meeting was held in September. Staff and engineers are still working on the NPDES permit renewal.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

YEAR: 2015

MONTH: AUGUST

DATE	INFLUENT FLOW M.G.D.		EFFLUENT FLOW M.G.D.		EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING							3X5 TOTAL COLIFORM
	INFLUENT FLOW M.G.D.	INFLUENT B.O.D. mg/L	INFLUENT N.F.R. mg/L	pH			(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL ₂ RES.	RIVER CL ₂ RES	SETTLABLE SOLIDS			
1	0.754	0.567	0.567	402												
2	0.797	0.554	0.554	392												
3	0.778	0.503	0.503	684									32	5.1		
4	0.764	0.660	0.660	678									34	2.6		
5	0.780	0.633	0.633	892									34	3.5		
6	0.771	0.550	0.550	557									32	3.3		
7	0.773	0.743	0.743	917		280	280			17	9.2		32	3.1		<0.1
8	0.761	0.579	0.579	407												
9	0.799	0.578	0.578	407												
10	0.790	0.630	0.630	939									36	5.1		
11	0.756	0.872	0.872	891									32	2.0		
12	0.777	0.848	0.848	908									36	3.7		
13	0.785	0.640	0.640	973									34	4.0		
14	0.770	0.798	0.798	968		380	170			29	16		32	4.0		<0.1
15	0.765	0.729	0.729	515												
16	0.808	0.723	0.723	512												
17	0.788	0.268	0.268	522									36	4.8		<1.8
18	0.771	0.758	0.758	1706									30	10.0		
19	0.771	1.204	1.204	1081									34	1.7		
20	0.761	0.883	0.883	1245									32	7.5		
21	0.767	0.750	0.750	1242		300	250			20	14		34	4.8		<0.1
22	0.773	0.621	0.621	438												
23	0.813	0.618	0.618	435												
24	0.793	0.931	0.931	1171									32	4.2		<1.8
25	0.787	1.129	1.129	1116									36	3.8		
26	0.768	0.865	0.865	1176									36	5.7		
27	0.769	0.878	0.878	1175									34	2.7		
28	0.757	0.803	0.803	1232		340	340			16	15		34	2.9		<.01
29	0.815	0.532	0.532	376												
30	0.851	0.524	0.524	371												
31	0.806	0.834	0.834	1086									34	1.2		<1.8

SPILLS:
None to report

DATE	TDS	AMMONIA	NITRATE	BORON
8/31/2015	320	39.0	ND	250

MONTHLY TESTS

DATE	TDS	AMMONIA	NITRATE	BORON
8/31/2015	320	39.0	ND	250

30 DAY AVERAGE

DATE	BOD mg/L	BOD LBS/DAY	% Removal	NFR mg/L	NFR LBS/DAY	% Removal
21	21	133	94	14	88	94

ACUTE TOXICITY

DATE	% Survival
	N/A
	N/A
	N/A

CHRONIC TOXICITY

TESTED	SURVIVAL
Minnow	N/A
C. Dubia	N/A
Algae	N/A
	TUC

Total Coliform Monthly MEDIAN

Median	<1.8
Daily Maximum	<1.8

SIGNATURE: _____

REMARKS: Indicates Permit Exceedance

AUGUST 2015

Discharge Monitoring	001	002	002	003	003	004	003	006	005	001	
M-INF	M-001	M-003	M-003	M-005	M-004	M-007	M-006	IRR	RIVER		
DATE	INFLUENT MGD	EFFLUENT MGD	MAXIMUM GPM	N.POND MGD	S.POND MGD	FISCHER MGD UPPER	FISCHER MGD LOWER	PIALORSI MGD	HILLER MGD	TOTAL MGD	MGD
1	0.754	0.567	402		0.567					0.000	0.000
2	0.797	0.554	392		0.554					0.000	0.000
3	0.778	0.503	684		0.218	0.117	0.168			0.285	0.000
4	0.764	0.660	678			0.255	0.240	0.165		0.660	0.000
5	0.780	0.633	892			0.249	0.136	0.248		0.633	0.000
6	0.771	0.550	557			0.255	0.125	0.170		0.550	0.000
7	0.773	0.743	917		0.318	0.237	0.060	0.128		0.425	0.000
8	0.761	0.579	407		0.579					0.000	0.000
9	0.799	0.578	407		0.578					0.000	0.000
10	0.790	0.630	939		0.220	0.223	0.067	0.120		0.410	0.000
11	0.756	0.872	891			0.528	0.096	0.248		0.872	0.000
12	0.777	0.848	908			0.472	0.132	0.244		0.848	0.000
13	0.785	0.640	973			0.363	0.097	0.180		0.640	0.000
14	0.770	0.798	968		0.402	0.203	0.065	0.128		0.396	0.000
15	0.765	0.729	515		0.729					0.000	0.000
16	0.808	0.723	512		0.723					0.000	0.000
17	0.788	0.268	522		0.228	0.040				0.040	0.000
18	0.771	0.758	1706			0.470	0.168	0.120		0.758	0.000
19	0.771	1.204	1081			0.709	0.246	0.249		1.204	0.000
20	0.761	0.883	1245			0.514	0.189	0.180		0.883	0.000
21	0.767	0.750	1242		0.348	0.296	0.068	0.038		0.402	0.000
22	0.773	0.621	438		0.621					0.000	0.000
23	0.813	0.618	435		0.618					0.000	0.000
24	0.793	0.931	1171		0.228	0.174	0.363	0.166		0.703	0.000
25	0.787	1.129	1116			0.405	0.480	0.244		1.129	0.000
26	0.768	0.865	1176			0.355	0.210	0.300		0.865	0.000
27	0.769	0.878	1175			0.629	0.195	0.054		0.878	0.000
28	0.757	0.803	1232		0.293	0.397	0.075	0.038		0.510	0.000
29	0.815	0.532	376		0.532					0.000	0.000
30	0.851	0.524	371		0.524					0.000	0.000
31	0.806	0.834	1086		0.200	0.353	0.161	0.120		0.634	0.000
TOTAL	24.218	22.205		0.000	8.480	7.244	3.341	3.140	0.000	13.725	0.000
AVERAGE	0.781	0.716	820	0.000	0.446	0.345	0.167	0.165	0.000	0.443	0.000
MAXIMUM	0.851	1.204	1706	0.000	0.729	0.709	0.480	0.300	0.000	1.204	0.000
MINIMUM	0.754	0.268	371	0.000	0.200	0.040	0.060	0.038	0.000	0.000	0.000
DAYS	31	30		0	19	21	20	19	0	20	0
DAYS WITH NO DISCHARGE = 0											