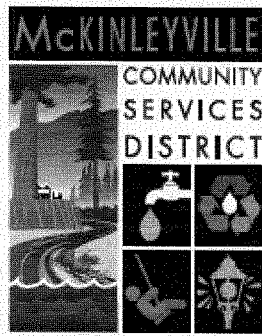


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R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

June 16, 2015

RE: MONTHLY MONITORING REPORT

Dear Charles:

Enclosed is the Monthly Monitoring Report for May 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 and 006. The required monitoring and water quality constituents that were tested and reported were in compliance in May.

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

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

Monthly River Monitoring was conducted in May.

WWMF Upgrade Status: Engineers reviewed the Final Bid Set comments that the District provided and will be conducting a phone conference in the next two weeks.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

YEAR: 2015

MONTH: MAY

DATE	INFLUENT FLOW		EFFLUENT FLOW		RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING						3X5 TOTAL COLIFORM	
	M.G.D.	M.G.D.	M.G.D.	MAXIMUM GPM		B.O.D. mg/L	N.F.R. mg/L	pH	(C°) TEMP	B.O.D. mg/L	N.F.R. mg/L	AMMONIA	CL ₂ RES.	RIVER CL ₂ RES.	SETTLABLE SOLIDS
1	0.824	0.824	0.634	453		340	290	6.9	15.7	16	14	36	4.0		<0.1
2	0.849		0.638	451											
3	0.907		0.637	451											
4	0.843		0.652	1325				6.7	15.7			32	3.8		<1.8
5	0.816		0.662	591				6.7	16.0			32	4.1		
6	0.847		0.695	600				6.5	15.9			24	3.5		
7	0.825		0.712	637				6.8	15.6			34	4.1		
8	0.800		0.664	644		440	440	6.8	15.6	15	12	36	4.2		<0.1
9	0.841		0.445	316											
10	0.867		0.436	311											
11	0.840		0.280	1132											
12	0.827		0.000	0				6.8	16.0			36	4.8		<1.8
13	0.839		0.486	1231				Washed COB							
14	0.825		0.862	858				6.8	15.9			34	4.7		
15	0.803		0.856	723		290	240	6.6	16.1			32	3.7		
16	0.848		0.628	452				6.7	16.5	18	9.2	34	6.7		<0.1
17	0.885		0.590	421											
18	0.825		0.755	889				7.1	17.6			34	5.0		<1.8
19	0.807		0.998	897				6.8	17.4			36	3.6		
20	0.799		0.899	897				7.1	17.6			36	4.7		
21	0.801		0.776	851				7.1	17.5			34	4.2		
22	0.799		0.692	623		270	200	6.9	17.8	31	33	34	3.1		<0.1
23	0.792		0.585	419											
24	0.786		0.576	408											
25	0.859		0.575	406											
26	0.807		0.577	670				6.8	17.4			34	3.1		<1.8
27	0.806		0.752	777				6.9	17.4			34	2.9		
28	0.775		0.913	1016				7.0	17.5			36	2.2		
29	0.784		0.736	577		250	180	6.9	17.6	34	43	36	4.8		<0.1
30	0.795		0.751	529											
31	0.861		0.747	527											

SPILLS:

None to report

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
5/31/2015	260	35.0	ND
			BORON
			210

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	23	BOD LBS/DAY	137	% Removal	92
NFR		BOD mg/L	22	LBS/DAY	132
% Removal	90				

ACUTE TOXICITY

DATE	% Survival
	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

REMARKS:

SIGNATURE:

Indicates Permit Exceedance

MAY 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	0.824	0.634	453		0.634					0.000	0.000
2	0.849	0.638	451		0.638					0.000	0.000
3	0.907	0.637	451		0.637					0.000	0.000
4	0.843	0.652	1325		0.244	0.408				0.408	0.000
5	0.816	0.662	591			0.662				0.662	0.000
6	0.847	0.695	600			0.695				0.695	0.000
7	0.825	0.712	637			0.712				0.712	0.000
8	0.800	0.664	644		0.246	0.418				0.418	0.000
9	0.841	0.445	316		0.445					0.000	0.000
10	0.867	0.436	311		0.436					0.000	0.000
11	0.840	0.280	1132		0.180	0.100				0.100	0.000
12	0.827	0.000	0		Washed CCB					0.000	0.000
13	0.839	0.486	1231			0.486				0.486	0.000
14	0.825	0.862	858			0.862				0.862	0.000
15	0.803	0.856	723		0.339	0.517				0.517	0.000
16	0.848	0.628	452		0.628					0.000	0.000
17	0.885	0.590	421		0.590					0.000	0.000
18	0.825	0.755	889		0.227	0.413		0.115		0.528	0.000
19	0.807	0.998	897			0.720		0.278		0.998	0.000
20	0.799	0.899	897			0.683		0.216		0.899	0.000
21	0.801	0.776	851			0.776				0.776	0.000
22	0.799	0.692	623		0.327	0.365				0.365	0.000
23	0.792	0.585	419		0.585					0.000	0.000
24	0.786	0.576	408		0.576					0.000	0.000
25	0.859	0.575	406		0.575					0.000	0.000
26	0.807	0.577	670		0.225	0.352				0.352	0.000
27	0.806	0.752	777			0.632		0.120		0.752	0.000
28	0.775	0.913	1016			0.696		0.217		0.913	0.000
29	0.784	0.736	577		0.413	0.323				0.323	0.000
30	0.795	0.751	529		0.751					0.000	0.000
31	0.861	0.747	527		0.747					0.000	0.000
TOTAL	25.582	20.209		0.000	9.443	9.820	0.000	0.946	0.000	10.766	0.000
AVERAGE	0.825	0.652	648	0.000	0.472	0.517	0.000	0.189	0.000	0.347	0.000
MAXIMUM	0.907	0.998	1325	0.000	0.751	0.862	0.000	0.278	0.000	0.998	0.000
MINIMUM	0.775	0.000	0	0.000	0.180	0.000	0.000	0.115	0.000	0.000	0.000
DAYS	31	30		0	20	18	0	5	0	18	0
DAYS WITH NO DISCHARGE = 1											