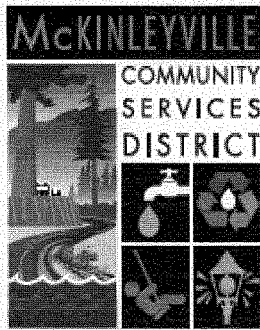


PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
McKINLEYVILLE, CA 95519



mckinleyvillecsd.com

MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

PHONE: (707) 839-9003
FAX: (707) 839-5964

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

April 13, 2017

RE: MONTHLY MONITORING REPORT

Dear Justin:

Enclosed is the Monthly Monitoring Report for March 2017 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 001. The required monitoring and water quality constituents that were tested and reported were in compliance in March.

The requirement for BOD is 45 mg/L, 604 lbs/day and 65% removal for the monthly average with five weekly tests in March that represent thirteen criteria. The BOD results for March are in compliance.

The requirement for TSS is 83 mg/L, 1108 lbs/day and 65% removal for the monthly average with five weekly tests in March which represent three criteria. The TSS results for March 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 March 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 March are as follows. Median was <1.8 and a Maximum of 2. Four samples were collected in the month of March and were in compliance.

Monthly River Monitoring was conducted in March.

Acute testing for March was conducted using Rainbow Trout and C.Dubia. Rainbow Trout had a 100% survival and C.Dubia had a 100% survival.

WWMF Upgrade Status: Clarifier "A" and "B" mechanical equipment is installed. The headworks and maintenance building are 85% completed. Piping from Mixed liquor to Aeration basin is being installed along with running wire. Aeration basin 2 is still under construction. The biosolids basin is lined. The rain has slowed the project down a little. Backfilling around the clarifiers is near completion. Weekly meetings have been conducted with District staff, contractors, engineers and the project manager. Contractors have 521 days to complete the project. They have projected to be completed by July 2017.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY EFFLUENT DISCHARGE DISPOSAL

MARCH 2017

[illegible]

RIVER DILUTION

M-006

DAYS WITH NO DISCHARGE TO THE MAD RIVER = 1

DAYS WITH NO DISCHARGE TO THE MAD RIVER = 1

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

YEAR: 2017

MONTH: MARCH

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	NFR mg/L	AMMONIA	CL ₂ RES.	RIVER CL ₂ RES		SETTLABLE SOLIDS
1	1.531	2.244	2.244	1634	2380			6.9	10.6			28	1.4	0.00		
2	1.475	2.112	2.112	1479	2350			6.9	10.6			28	1.1	0.00		
3	1.457	2.107	2.107	1475	1860	170	170	6.9	10.8	16	15	24	1.5	0.00	<0.1	
4	1.608	2.097	2.097	1464	1750			6.8	11.7				0.9	0.00		
5	1.803	2.099	2.099	1485	3750			6.7	10.8				1.4	0.00		
6	2.014	2.104	2.104	1473	3700			6.8	10.8			26	2.5	0.00		2
7	1.855	2.095	2.095	1463	4090			6.8	10.8			24	2.8	0.00		
8	1.775	2.074	2.074	1455	4570			6.7	11.0			24	2.4	0.00		
9	1.787	2.057	2.057	1440	6920			6.6	11.8			28	1.8	0.00		
10	1.640	2.057	2.057	1438	5600	140	130	6.6	12.3	15	14	24	1.6	0.00	<0.1	
11	1.619	2.051	2.051	1434	4410			6.6	12.4				0.9	0.00		
12	1.566	2.055	2.055	1438	3360			6.6	12.8				1.4	0.00		
13	1.470	1.869	1.869	1441	2670			6.6	13.1			24	1	0.00		2
14	1.412	1.698	1.698	1188	2280			6.6	13.7			26	1.2	0.00		
15	1.417	1.697	1.697	1186	2010			6.8	14.0			26	0.7	0.00		
16	1.406	1.699	1.699	1193	1950			6.8	13.9			24	0.9	0.00		
17	1.344	1.704	1.704	1195	1520	190	230	6.6	13.6	12	10	26	1.6	0.00	<0.1	
18	1.551	1.693	1.693	1185	1490			6.6	13.9				1.4	0.00		
19	1.692	1.666	1.666	1169	3840			6.6	13.9				1.4	0.00		
20	1.681	0.637	0.637	1169	2430			6.5	14.5			24	1.3	0.00	<1.8	
21	1.877	0.000	0.000	0	5170									0.00		
22	1.799	1.038	1.038	1142	7340			6.7	14.3			26	1.8	0.00		
23	1.606	1.816	1.816	1412	5600			6.9	13.9			28	1.5	0.00		
24	1.758	2.093	2.093	1507	4340	180	180	6.6	13.7	12	5.4	24	2.9	0.00	<0.1	
25	1.724	2.207	2.207	1559	6490			6.6	14.2				3.6	0.00		
26	1.682	2.244	2.244	1577	4680			6.6	14.0				2.2	0.00		
27	1.599	2.196	2.196	1625	4570			6.7	13.6			26	2.9	0.00		<1.8
28	1.468	2.265	2.265	1593	3990			6.8	13.5			24	1.1	0.00		
29	1.507	2.275	2.275	1592	2900			6.7	13.8			28	1.0	0.00		
30	1.595	2.191	2.191	1600	4300			6.8	13.8			28	1.6	0.00		
31	1.484	2.285	2.285	1613	2830	180	140	6.8	13.7	16	7.2	26	1.9	0.00	<0.1	

SPILLS:

None to report

DATE	MONTHLY TESTS			BORON
	TDS	AMMONIA	NITRATE	
3/31/2017	170	19.0	ND	120

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
Bromomethane		N/A
Chlorodibromomethane		N/A
Chloroform		N/A

ACUTE TOXICITY

DATE	% Survival
3/14/2017	100%
3/14/3017	100%

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
	2

SIGNATURE:

REMARKS:

Indicates Permit Exceedance