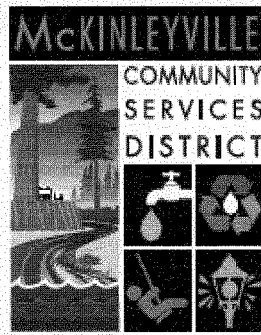


PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
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R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

July 22, 2016

RE: MONTHLY MONITORING REPORT

Dear Justin:

Enclosed is the Monthly Monitoring Report for June 2016 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 29 days to Discharge Points 002, 004, 005 and 006. 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 April are as follows. Median was <1.8 and a Maximum of 2. Four samples were collected in the month of June and were in compliance.

Monthly River Monitoring was conducted in June.

WWMF Upgrade Status: The Clarifier concrete is being poured in stages. Electrical conduits have been installed where the slab to the new maintenance building will be built. The contractors are setting up forms and installing pipe for the new headworks. The fill is being placed and compacted in the pond bottom. Weekly meeting 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 February 2017.

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

JUNE 2016

Discharge Monitoring	002 M-INF	002 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	0.823	1.368	1408			1.241		0.127		1.368	0.000
2	0.799	1.162	1084			1.162				1.162	0.000
3	0.798	1.119	988	0.466		0.608		0.045		0.653	0.000
4	0.811	0.825	588	0.825						0.000	0.000
5	0.873	0.826	591	0.826						0.000	0.000
6	0.837	0.319	830	0.301		0.018				0.018	0.000
7	0.800	0.000	0	Washed CCB						0.000	0.000
8	0.816	0.632	1247			0.474		0.158		0.632	0.000
9	0.798	1.261	1127			0.998		0.263		1.261	0.000
10	0.790	1.174	1098	0.460		0.549		0.165		0.714	0.000
11	0.803	0.821	590	0.821						0.000	0.000
12	0.866	0.815	585	0.815						0.000	0.000
13	0.821	0.893	1105	0.319		0.413		0.161		0.574	0.000
14	0.804	1.208	1111			0.938		0.270		1.208	0.000
15	0.826	1.147	1079			0.872		0.275		1.147	0.000
16	0.801	1.129	1084			0.861		0.268		1.129	0.000
17	0.803	0.893	745	0.396		0.331		0.166		0.497	0.000
18	0.807	0.714	508	0.714						0.000	0.000
19	0.836	0.711	507	0.711						0.000	0.000
20	0.808	0.680	782	0.267		0.149		0.165	0.099	0.413	0.000
21	0.789	0.841	912			0.543		0.120	0.178	0.841	0.000
22	0.798	0.956	842			0.776			0.180	0.956	0.000
23	0.788	0.988	929			0.254		0.563	0.171	0.988	0.000
24	0.761	0.936	808	0.392		0.445			0.099	0.544	0.000
25	0.768	0.705	503	0.705						0.000	0.000
26	0.799	0.700	494	0.700						0.000	0.000
27	0.786	0.788	950	0.259		0.481		0.048		0.529	0.000
28	0.773	1.052	967			0.998		0.054		1.052	0.000
29	0.780	1.047	967			0.986		0.061		1.047	0.000
30	0.774	0.968	974			0.916		0.052		0.968	0.000
TOTAL	24.136	26.678		8.977	0.000	14.013	0.000	2.961	0.727	17.701	0.000
AVERAGE	0.805	0.889	847	0.000	0.000	0.667	#DIV/0!	0.174	0.000	0.590	0.000
MAXIMUM	0.873	1.368	1408	0.826	0.000	1.241	0.000	0.563	0.180	1.368	0.000
MINIMUM	0.761	0.000	0	0.259	0.000	0.018	0.000	0.045	0.099	0.000	0.000
DAYS	30	29		16	0	21	0	17	5	21	0

DAYS WITH NO DISCHARGE = 1

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

YEAR: 2016

MONTH: JUNE

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 ₂ RES.	RIVER CL ₂ RES	SETTLABLE SOLIDS			
1	0.823	1.368	1408				7.0	18.8				24	2.5				
2	0.799	1.162	1084				7.1	18.8				26	2.9				
3	0.798	1.119	988		250	220	7.1	19.1	13	14		22	2.9		<0.1		
4	0.811	0.825	588														
5	0.873	0.826	591														
6	0.837	0.319	830				7.0	19.4				24	3.9			2	
7	0.800	0.000	0				Washed OCB										
8	0.816	0.632	1247				7.0	19.8				26	1.8				
9	0.798	1.261	1127				6.8	19.2				28	1.0				
10	0.790	1.174	1098		320	210	6.8	18.8	14	19		26	2.0		<0.1		
11	0.803	0.821	590														
12	0.866	0.815	585														
13	0.821	0.893	1105				6.9	19.0				24	4.1			<1.8	
14	0.804	1.208	1111				6.9	18.8				26	1.5				
15	0.826	1.147	1079				7.0	18.6				28	1.8				
16	0.801	1.129	1084				7.0	19.2				26	2.1				
17	0.803	0.893	745		250	190	6.9	19.6	13	22		28	2.8		<0.1		
18	0.807	0.714	508														
19	0.836	0.711	507														
20	0.808	0.680	782				6.9	19.7				26	3.8			<1.8	
21	0.789	0.841	912				7.1	19.5				26	2.0				
22	0.798	0.956	842				6.8	19.7				28	1.2				
23	0.788	0.988	929				7.0	19.7				28	0.9				
24	0.761	0.936	808		300	200	7.0	20.1	15	28		28	1.5		<0.1		
25	0.768	0.705	503														
26	0.799	0.700	494														
27	0.786	0.788	950				7.1	19.6				28	3.1			<1.8	
28	0.773	1.052	967				7.1	19.4				28	1.7				
29	0.780	1.047	967				7.0	19.2				30	1.6				
30	0.774	0.968	974				6.9	19.4				30	1.2				

SPILLS:

None to report

DATE	MONTHLY TESTS			BORON
	TDS	AMMONIA	NITRATE	
6/30/2016	240	27.0	ND	180

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

ACUTE TOXICITY

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

Rainbow Trout
C. dubia

CHRONIC TOXICITY

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

SIGNATURE: _____

REMARKS: _____

Indicates Permit Exceedance

Total Coliform
Monthly
MEDIAN
<1.8
Daily
Maximum
2