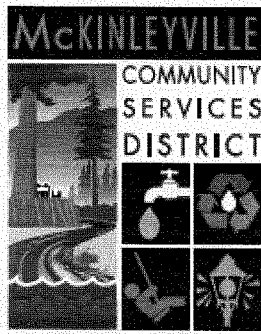


PHYSICAL ADDRESS:

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McKINLEYVILLE, CA 95519

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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

November 17, 2015

RE: MONTHLY MONITORING REPORT

Dear Justin:

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

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

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

Monthly River Monitoring was conducted in October.

Quarterly testing was conducted in October.

WWMF Upgrade Status: Bids were opened on October 22, 2015 and were sent to Kennedy/Jenks for review. The State Revolving Fund has accepted the qualifications in the bids received. At this time we are waiting out the protest window. Staff and engineers are still working on the NPDES permit renewal.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY EFFLUENT DISCHARGE DISPOSAL

OCTOBER 2015

Discharge Monitoring				002	002	004	003	006	005			001
	M-INF	M-001		M-003	M-003	M-005	M-004	M-007	M-006			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	0.754	0.930	974			0.669		0.261		0.930	0.000	
2	0.741	0.882	967		0.412	0.322		0.148		0.470	0.000	
3	0.795	0.746	528		0.746					0.000	0.000	
4	0.832	0.738	525		0.738					0.000	0.000	
5	0.793	0.803	1034		0.260	0.292	0.072	0.179		0.543	0.000	
6	0.756	0.907	973			0.568	0.081	0.258		0.907	0.000	
7	0.771	0.832	891			0.572		0.260		0.832	0.000	
8	0.754	0.828	793			0.563		0.265		0.828	0.000	
9	0.740	0.981	786		0.475	0.371		0.135		0.506	0.000	
10	0.776	0.904	633		0.904					0.000	0.000	
11	0.841	0.899	632		0.899					0.000	0.000	
12	0.801	0.891	625		0.891					0.000	0.000	
13	0.769	0.738	821		0.319	0.294		0.125		0.419	0.000	
14	0.771	0.674	720			0.419		0.255		0.674	0.000	
15	0.759	0.578	631			0.321		0.257		0.578	0.000	
16	0.750	0.763	793		0.410	0.216		0.137		0.353	0.000	
17	0.799	0.750	526		0.750					0.000	0.000	
18	0.853	0.741	530		0.741					0.000	0.000	
19	0.789	0.281	552		0.198	0.083				0.083	0.000	
20	0.766	0.420	1554			0.215	0.078	0.127		0.420	0.000	
21	0.764	0.670	689			0.323	0.083	0.264		0.670	0.000	
22	0.753	0.546	677			0.287		0.259		0.546	0.000	
23	0.741	0.754	840		0.411	0.210		0.133		0.343	0.000	
24	0.786	0.741	525		0.741					0.000	0.000	
25	0.857	0.730	519		0.730					0.000	0.000	
26	0.777	0.700	780		0.265	0.187	0.076	0.172		0.435	0.000	
27	0.757	0.665	666			0.322	0.077	0.266		0.665	0.000	
28	0.808	0.660	789			0.391		0.269		0.660	0.000	
29	0.776	0.862	818			0.599		0.263		0.862	0.000	
30	0.755	0.799	776		0.326	0.329		0.143		0.472	0.000	
31	0.808	0.615	436		0.615					0.000	0.000	
TOTAL	24.192	23.028		0.000	10.831	7.553	0.467	4.176	0.000	12.196	0.001	
AVERAGE	0.780	0.743	742	0.000	0.570	0.360	0.078	0.209	0.000	0.393	0.000	
MAXIMUM	0.857	0.981	1554	0.000	0.904	0.669	0.083	0.269	0.000	0.930	0.000	
MINIMUM	0.740	0.281	436	0.000	0.198	0.083	0.072	0.125	0.000	0.000	0.000	
DAYS	31	31		0	19	21	6	20	0	21	0	
DAYS WITH NO DISCHARGE = 0												

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

MONTH: OCTOBER

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 ₂ RES.	RIVER CL ₂ RES		SETTLABLE SOLIDS
1	0.754	0.930	974				7.1	17				34	3.7		
2	0.741	0.882	967		220		7.1	17.4		13		18	3.3		<0.1
3	0.795	0.746	528												
4	0.832	0.738	525												
5	0.793	0.803	1034				7.3	16.8				36	3.6		<1.8
6	0.756	0.907	973				6.8	17.1				34	2.8		
7	0.771	0.832	891				7.1	17.0				34	3.1		
8	0.754	0.828	793				7.1	16.8				30	2.9		
9	0.740	0.981	786		270	230	7.1	17.2	28		19	34	2.8		<0.1
10	0.776	0.904	633												
11	0.841	0.899	632												
12	0.801	0.891	625												
13	0.769	0.738	821				7.1	17				30	3.5		<1.8
14	0.771	0.674	720				7.1	16.8				30	2.6		
15	0.759	0.578	631				7.1	17.1				30	1.9		
16	0.750	0.763	793		190	220	7.0	17.0	18		34	32	2.7		<0.1
17	0.799	0.750	526												
18	0.853	0.741	530												
19	0.789	0.281	552				7.1	17.5				36	0.8		<1.8
20	0.766	0.420	1554				6.9	17.5				34	8.7		
21	0.764	0.670	689				7.1	16.8				32	0.2		
22	0.753	0.546	677				7.0	16.6				28	2.8		
23	0.741	0.754	840		240	260	7.1	16.3	26		18	32	3.1		<0.1
24	0.786	0.741	525												
25	0.857	0.730	519												
26	0.777	0.700	780				6.9	16.4				32	3.7		<1.8
27	0.757	0.665	666				6.9	16.3				34	3.3		
28	0.808	0.660	789				7.0	16.7				30	3.4		
29	0.776	0.862	818				6.9	16.1				34	3.7		
30	0.755	0.799	776		270	210	7.1	15.8	17		12	32	3.2		<0.1
31	0.808	0.615	436												

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
10/31/2015	320	39.0	ND
			BORON
			310

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

Quarterly Tests		Value in ug/l
Dichlorobromomethane		DNQ
Bromoform		ND
Chlorodibromomethane		ND
Chloroform		1.24

30 DAY AVERAGE

BOD				N.F.R.			
mg/L	LBS/DAY	% Removal		mg/L	LBS/DAY	% Removal	
20	143	91		20	139	91	

ACUTE TOXICITY	
DATE	% Survival
	N/A
	N/A

Rainbow Trout
C. dubia

SIGNATURE: _____

REMARKS:

Indicates Permit Exceedance

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