

**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

August 20, 2015

**RE: MONTHLY MONITORING REPORT**

Dear Justin:

Enclosed is the Monthly Monitoring Report for July 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 28 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 July.

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

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

Monthly River Monitoring was conducted in July.  
Quarterly testing was conducted in July.

WWMF Upgrade Status: Invitation to Bid will go out on 8/24/2015. Staff and engineers are still working on the NPDES permit renewal.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

MONTH: JULY

YEAR: 2015

DATE	INFLUENT FLOW		EFFLUENT FLOW	EFFLUENT MAXIMUM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING							3X5 TOTAL COLIFORM	
	M.G.D.	M.G.D.				B.O.D. mg/L	N.F.R. mg/L	pH	(C° ) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL₂ RES.	RIVER CL₂ RES		SETTLABLE SOLIDS
1	0.797	0.707	0.700	783		260	200	6.8	19.4			36	2.6			
2	0.778	0.707	0.707	873		260	200	6.7	19.5	26	17	36	3.1		<0.1	
3	0.774	0.532	0.532	374												
4	0.755	0.528	0.528	373												
5	0.807	0.526	0.526	369												
6	0.813	0.582	0.582	735												
7	0.795	0.708	0.708	737												
8	0.801	0.658	0.658	726												
9	0.779	0.648	0.648	733												
10	0.768	0.796	0.796	644		590	320			42	6.4	32	4.7			
11	0.767	0.761	0.761	537												
12	0.818	0.748	0.748	526												
13	0.795	0.272	0.272	522												
14	0.769	0.000	0.000	0				6.8	19.7			32	4.9			<1.8
15	0.768	0.492	0.492	1253				Washed CCB								
16	0.773	0.796	0.796	810				6.9	19.6			36	8.2			
17	0.757	0.339	0.339	533		280	230	6.9	19.5		11	34	5.4			
18	0.758	0.000	0.000	0				6.8	19.7	21		36	5.9		<0.1	
19	0.793	0.000	0.000	0												
20	0.787	0.328	0.328	1220												
21	0.768	0.590	0.590	723				7.1	20.7			32	7.2			
22	0.778	0.624	0.624	693				6.9	19.0			36	7.6			<1.8
23	0.770	0.562	0.562	728				6.9	19.6			34	5.2			
24	0.774	0.669	0.669	723		320	240	6.9	19.4	21	14	32	3.8		<0.1	
25	0.763	0.569	0.569	402												
26	0.810	0.562	0.562	398												
27	0.790	0.493	0.493	664												
28	0.779	0.606	0.606	644				6.8	20.5			32	3.4			<1.8
29	0.782	0.607	0.607	729				7.0	19.9			32	2.5			
30	0.768	0.603	0.603	667				6.8	20.0			32	1.8			
31	0.753	0.706	0.706	673		240	260	6.9	19.9			32	2.1			
								6.7	19.5	18	13	32	4.7		<0.1	

DATE	MONTHLY TESTS				SPILLS:								30 DAY AVERAGE			
	TDS	AMMONIA	NITRATE	BORON	None to report				BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal		
7/31/2015	320	27.0	ND	250					28	152	93	10	51	96		

Semi-Annual Tests	Value in ug/l

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		ND
Bromoform		ND
Chlorodibromomethane		ND
Chloroform		DNQ

SIGNATURE: \_\_\_\_\_

REMARKS:

Indicates Permit Exceedance

ACUTE TOXICITY		% Survival
DATE		N/A
		N/A
		N/A

CHRONIC TOXICITY		SURVIVAL
TESTED		N/A
Minnow		N/A
C. Dubia		N/A
Algae		N/A
		TUc

Total Coliform		Monthly
		MEDIAN
		<1.8
		Daily
		Maximum
		<1.8

# McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY EFFLUENT DISCHARGE DISPOSAL

JULY 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	0.797	0.700	783			0.425		0.275		0.700	0.000	
2	0.778	0.707	873		0.292	0.233	0.036	0.146		0.415	0.000	
3	0.774	0.532	374		0.532					0.000	0.000	
4	0.755	0.528	373		0.528					0.000	0.000	
5	0.807	0.526	369		0.526					0.000	0.000	
6	0.813	0.582	735		0.199	0.199	0.054	0.130		0.383	0.000	
7	0.795	0.708	737			0.374	0.056	0.278		0.708	0.000	
8	0.801	0.658	726			0.441	0.037	0.180		0.658	0.000	
9	0.779	0.648	733			0.441	0.063	0.144		0.648	0.000	
10	0.768	0.796	644		0.419	0.170	0.045	0.162		0.377	0.000	
11	0.767	0.761	537		0.761					0.000	0.000	
12	0.818	0.748	526		0.748					0.000	0.000	
13	0.795	0.272	522			0.272				0.272	0.000	
14	0.769	0.000	0	Washed CCB						0.000	0.000	
15	0.768	0.492	1253			0.306	0.052	0.134		0.492	0.000	
16	0.773	0.796	810			0.430	0.060	0.306		0.796	0.000	
17	0.757	0.339	533			0.183		0.156		0.339	0.000	
18	0.758	0.000	0	Shut down						0.000	0.000	
19	0.793	0.000	0	Shut down						0.000	0.000	
20	0.787	0.328	1220			0.189		0.139		0.328	0.000	
21	0.768	0.590	723			0.329		0.261		0.590	0.000	
22	0.778	0.624	693			0.361		0.263		0.624	0.000	
23	0.770	0.562	728			0.305		0.257		0.562	0.000	
24	0.774	0.669	723		0.314	0.197		0.158		0.355	0.000	
25	0.763	0.569	402		0.569					0.000	0.000	
26	0.810	0.562	398		0.562					0.000	0.000	
27	0.790	0.493	664		0.215	0.135		0.143		0.278	0.000	
28	0.779	0.606	644			0.299		0.307		0.606	0.000	
29	0.782	0.607	729			0.290		0.317		0.607	0.000	
30	0.768	0.603	667			0.262		0.341		0.603	0.000	
31	0.753	0.706	673		0.309	0.234		0.163		0.397	0.000	
TOTAL	24.187	16.712		0.000	5.974	6.075	0.403	4.260	0.000	10.738	0.000	
AVERAGE	0.780	0.539	606	0.000	0.373	0.289	0.050	0.213	0.000	0.346	0.000	
MAXIMUM	0.818	0.796	1253	0.000	0.761	0.441	0.063	0.341	0.000	0.796	0.000	
MINIMUM	0.753	0.000	0	0.000	0.000	0.135	0.036	0.130	0.000	0.000	0.000	
DAYS	31	28		0	13	21	8	20	0	21	0	
DAYS WITH NO DISCHARGE = 3												