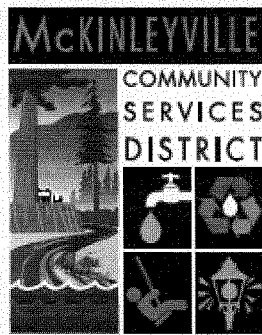


**PHYSICAL ADDRESS:**

1656 SUTTER ROAD  
McKINLEYVILLE, CA 95519

**MAILING ADDRESS:**

P.O. BOX 2037  
McKINLEYVILLE, CA 95519



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

November 21, 2014

**RE: MONTHLY MONITORING REPORT**

Dear Charles:

Enclosed is the Monthly Monitoring Report for October 2014 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 discharge to reclamation M-004, 5, 6 & 7 and land disposal M-003. The required monitoring and water quality constituents that were tested and reported were in compliance in October 2014

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 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.

WWMF Upgrade Status: The District is reviewed the 90% design and sent comments to the engineer for response and corrections. A conference call was held with you and the Kennedy/Jenks engineers on November 5<sup>th</sup> to discuss upcoming discharge requirements.

Quarterly monitoring for W-001, 2, 6, 7, 8, 9, 14, 15 and 16 was conducted in October.

Quarterly monitoring for disinfection byproducts was conducted in October.

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

**OCTOBER 2014**

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	0.774	1.060	923			0.756		0.304		1.060	0.000
2	0.794	0.896	979			0.668	0.045	0.183		0.896	0.000
3	0.766	0.599	870		0.206	0.350	0.043			0.393	0.000
4	0.807	0.385	274		0.385					0.000	0.000
5	0.854	0.385	275		0.385					0.000	0.000
6	0.795	0.745	982		0.144	0.390	0.091	0.120		0.601	0.000
7	0.753	1.062	973			0.710	0.104	0.248		1.062	0.000
8	0.786	0.765	1403			0.472	0.041	0.252		0.765	0.000
9	0.769	0.682	576			0.388	0.047	0.247		0.682	0.000
10	0.739	0.822	816		0.473	0.170	0.044	0.135		0.349	0.000
11	0.788	0.894	631		0.894					0.000	0.000
12	0.840	0.886	625		0.886					0.000	0.000
13	0.797	0.876	619		0.876					0.000	0.000
14	0.779	0.791	868		0.334	0.336	0.039		0.082	0.457	0.000
15	0.788	0.902	763			0.750			0.152	0.902	0.000
16	0.766	0.842	761			0.752			0.090	0.842	0.000
17	0.763	0.586	648		0.152	0.434				0.434	0.000
18	0.808	0.285	203		0.285					0.000	0.000
19	0.848	0.286	202		0.286					0.000	0.000
20	0.854	0.732	1086		0.109	0.487	0.053		0.083	0.623	0.000
21	0.788	1.187	1086			0.973	0.056		0.158	1.187	0.000
22	0.801	1.135	991			0.982			0.153	1.135	0.000
23	0.933	1.050	995		0.500	0.480			0.070	0.550	0.000
24	0.832	0.940	666		0.940					0.000	0.000
25	0.870	0.931	657		0.931					0.000	0.000
26	0.908	0.931	663		0.931					0.000	0.000
27	0.827	1.075	1209		0.358	0.458	0.055	0.120	0.084	0.717	0.000
28	0.793	1.403	1212			0.956	0.043	0.248	0.156	1.403	0.000
29	0.810	1.393	1186			1.243			0.150	1.393	0.000
30	0.800	1.242	1181		0.616	0.537			0.089	0.626	0.000
31	0.855	1.037	790		1.037					0.000	0.000
TOTAL	25.084	26.805		0.000	10.728	12.292	0.661	1.857	1.267	16.077	0.000
AVERAGE	0.809	0.865	810	0.000	0.536	0.615	0.055	0.206	0.115	0.519	0.000
MAXIMUM	0.933	1.403	1403	0.000	1.037	1.243	0.104	0.304	0.158	1.403	0.000
MINIMUM	0.739	0.285	202	0.000	0.109	0.170	0.039	0.120	0.070	0.000	0.000
DAYS	31	31		0	20	20	12	9	11	20	0

DAYS WITH NO DISCHARGE = 0

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

YEAR: 2014

MONTH: OCTOBER

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	CL₂ RES.	RIVER CL₂ RES		SETTLABLE SOLIDS	
1	0.774	1.060	923				6.8	17.6				28	1.0			
2	0.794	0.896	979				6.8	17.5				28	1.9			
3	0.766	0.599	870		380	340	6.8	17.7	26	29		32	4.8		<0.1	
4	0.807	0.385	274													
5	0.854	0.385	275													
6	0.795	0.745	982				6.7	17.5				32	4.1			<1.8
7	0.753	1.062	973				6.7	17.1				30	1.1			
8	0.786	0.765	1403				6.7	17.2				34	3.8			
9	0.769	0.682	576				6.8	17.2				36	5.2			
10	0.739	0.822	816		290	170	6.8	17.0	16	17		32	5.9		<0.1	
11	0.788	0.894	631													
12	0.840	0.886	625													
13	0.797	0.876	619													
14	0.779	0.791	868				7.1	16.7				38	11.0			<1.8
15	0.788	0.902	763				7.2	16.6				28	2.6			
16	0.766	0.842	761				6.8	16.1				28	3.5			
17	0.763	0.586	648		330	310	6.8	16.8	18	14		30	6.6		<0.1	
18	0.808	0.285	203													
19	0.848	0.286	202													
20	0.854	0.732	1086													
21	0.788	1.187	1086				6.8	17.8				32	3.7			<1.8
22	0.801	1.135	991				6.9	17.1				30	5.1			
23	0.933	1.050	995				6.9	17.7				32	8.7			
24	0.832	0.940	666				6.9	17.8				36	7.2			
25	0.870	0.931	657		300	310	6.8	17.2	24	28		32	8.2		<0.1	
26	0.908	0.931	663													
27	0.827	1.075	1209				7	15.8				32	8.5			<1.8
28	0.793	1.403	1212				7.0	16.0				34	7.8			
29	0.810	1.393	1186				7.0	16.6				36	4.4			
30	0.800	1.242	1181				7.0	16.7				30	5.5			
31	0.855	1.037	790		320	380	7.1	16.6	20	26		36	5.3		<0.1	

SPILLS:

None to report

MONTHLY TESTS

DATE	TDS	AMMONIA	NITRATE	BORON
10/31/2014	320	41.0	ND	290

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	0.81
Bromoform	ND
Chlorodibromomethane	DNQ
Chloroform	11.7

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	% Removal	BOD mg/L	BOD LBS/DAY	% Removal	NFR mg/L	NFR LBS/DAY	% Removal
21	138	94	23	155	92			

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	<1.8