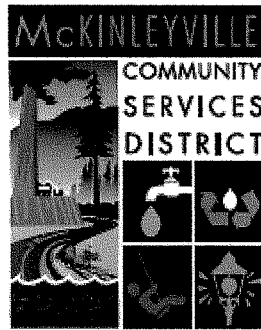


**PHYSICAL ADDRESS:**

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

August 30, 2012

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for July 2012 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 discharge to reclamation M-004, 5, 6, & 7 and land disposal M003. The required monitoring and water quality constituents that were tested and were reported were in compliance in July.

The requirement for BOD is 45 mg/L monthly average. Discharge Point 002 limit of 65 mg/L weekly average. With four weekly tests in July that represent five criteria. The BOD results for July are in compliance.

The requirement for TSS is 83 mg/L monthly average with four weekly tests in July which represent one criterion. 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. Five samples were collected in the month of July and were in compliance.

Monthly River Monitoring was conducted in July.

Quarterly disinfection byproduct testing was conducted in July.

## JULY 2012

Discharge	002			002		004		003		006		005		001	
Monitoring	M-INF	M-001	M-003	M-003	M-005	M-004	M-007	M-006	M-002						
DATE	INFLUENT	EFFLUENT	MAXIMUM	N.POND	S.POND	FISCHER	FISCHER	PIALORSI	HILLER	IRRGATE	RIVER				
	MGD	MGD	GPM	MGD	MGD	MGD	MGD	MGD	MGD	TOTAL	MGD				
						UPPER	LOWER			MGD					
1	0.928	0.856	602	0.856						0.000	0.00				
2	0.901	1.007	1290	0.433		0.204	0.192	0.096	0.082	0.574	0.00				
3	0.878	1.233	1293	0.451		0.496	0.022	0.145	0.119	0.782	0.00				
4	0.878	0.817	579	0.817						0.000	0.00				
5	0.882	1.011	1104	0.313		0.403	0.050	0.129	0.116	0.698	0.00				
6	0.897	0.936	1100	0.419		0.263	0.036	0.132	0.086	0.517	0.00				
7	0.879	0.727	537	0.727						0.000	0.00				
8	0.879	0.724	507	0.724						0.000	0.00				
9	0.901	0.966	1142	0.259		0.375	0.107	0.139	0.086	0.707	0.00				
10	0.878	1.211	1110			0.708	0.112	0.237	0.154	1.211	0.00				
11	0.877	1.197	1209			0.766	0.045	0.234	0.152	1.197	0.00				
12	0.865	1.148	988			0.753		0.246	0.149	1.148	0.00				
13	0.856	1.087	1162	0.402		0.443	0.030	0.133	0.079	0.685	0.00				
14	0.854	0.738	516	0.738						0.000	0.00				
15	0.893	0.738	512	0.738						0.000	0.00				
16	0.885	0.490	1140	0.276		0.126	0.038	0.030	0.020	0.214	0.00				
17	0.877	0.000	0							0.000	0.00				
18	0.879	0.707	1716			0.504		0.123	0.080	0.707	0.00				
19	0.865	1.196	1149			0.784	0.037	0.240	0.135	1.196	0.00				
20	0.845	1.126	1139	0.463		0.446	0.012	0.132	0.073	0.663	0.00				
21	0.834	0.840	594	0.840						0.000	0.00				
22	0.903	0.811	577	0.811						0.000	0.00				
23	0.889	0.990	1147	0.312		0.385	0.086	0.129	0.078	0.678	0.00				
24	0.865	1.253	1195			0.772	0.095	0.243	0.143	1.253	0.00				
25	0.879	1.226	1200			0.779	0.039	0.252	0.156	1.226	0.00				
26	0.876	1.195	1138			0.744	0.030	0.267	0.154	1.195	0.00				
27	0.855	1.109	1137	0.404		0.436	0.027	0.152	0.090	0.705	0.00				
28	0.864	0.768	539	0.768						0.000	0.00				
29	0.941	0.776	544	0.776						0.000	0.00				
30	0.898	1.002	1142	0.286		0.418	0.076	0.149	0.073	0.716	0.00				
31	0.878	1.299	1191			0.858	0.035	0.258	0.148	1.299	0.00				
TOTAL	27.279	29.184		11.813	0.000	10.663	1.069	3.466	2.173	17.371	0.0				
AVERAGE	0.880	0.941	942	0.563	0.000	0.533	0.059	0.173	0.109	0.560	0.0				
MAXIMUM	0.941	1.299	1716	0.856	0.000	0.858	0.192	0.267	0.156	1.299	0.0				
MINIMUM	0.834	0.000	0	0.259	0.000	0.126	0.012	0.030	0.020	0.000	0.0				
DAYS	31	30		21	0	20	18	20	20	20					
DAYS WITH NO DISCHARGE = 0															

**MCKINLEYVILLE COMMUNITY SERVICES DISTRICT**  
**WASTEWATER MANAGEMENT FACILITY**  
**MONITORING DATA**

MONTH: JULY

YEAR: 2012

DATE	INFLUENT FLOW M.G.D.	EFFLUENT FLOW M.G.D.	EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING										3X5 TOTAL COULFORM
					B.O.D. mg/L	N.F.R. mg/L	pH	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL <sub>2</sub> RES.	RIVER CL <sub>2</sub> RES	SETTLABLE SOLIDS			
1	0.928	1.007	602				6.7	18.4					30	2.6			<1.8
2	0.901	1.233	1293				6.7	17.4					28	0.4			
3	0.878	0.817	579														
4	0.878	1.011	1104				6.8	17.8					32	6.7			
5	0.882	0.936	1100				6.8	18		21	17		24	4.4			<0.1
6	0.897	0.727	537														
7	0.879	0.724	507														
8	0.879	0.966	1142				6.8	18.6					28	6.4			<1.8
9	0.901	1.211	1110				6.8	17.8					30	3.6			
10	0.878	1.197	1209				6.9	17.6					30	2.8			
11	0.877	1.148	988				6.9	17.6					28	3.7			
12	0.865	1.087	1162				6.9	17.5		20	18		20	4.1			<0.1
13	0.856	0.738	516														
14	0.854	0.738	512														
15	0.893	0.490	1140				7.0	17.6					28	6.0			<1.8
16	0.885	0.000	0				No Discharge for CCB Cleaning										
17	0.877	0.707	1716				6.8	17.6					30	8.6			
18	0.879	1.196	1149				6.9	17.5					30	4			
19	0.865	1.126	1139				7	18		22	13		30	4.5			<0.1
20	0.845	0.840	594														
21	0.834	0.811	577														
22	0.903	0.890	1147				6.8	17.9					28	5.7			<1.8
23	0.889	1.253	1195				6.7	17.8					36	3.0			
24	0.865	1.226	1200				6.9	17.8					28	4.9			
25	0.879	1.195	1138				6.9	17.8					32	2.8			
26	0.876	1.109	1137				6.8	17.6		19	15		30	2.7			<0.1
27	0.855	0.768	539														
28	0.864	0.776	544														
29	0.941	1.002	1142				6.8	17.8					28	3.0			<1.8
30	0.898	1.299	1191				6.9	17.9					36	1.0			
31	0.878																

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
7/16/2012	280	22.0	ND
			BORON
			210

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

Quarterly Tests		Value in ugi
Dichlorobromomethane		DNG
Bromofom		ND
Chlorobromomethane		DNG
Chlorofom		2.8

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

CHRONIC TOXICITY		% Survival
TESTED		
Minnow		N/A
C. Dubia		N/A
Algae		N/A
TUC		

SIGNATURE: 

REMARKS: 7/17/2012 No Discharge for CCB Cleaning

Indicates Permit Exceedance

Total Coliform
Monthly
MEDIAN
<1.8
Daily
Maximum
<1.8