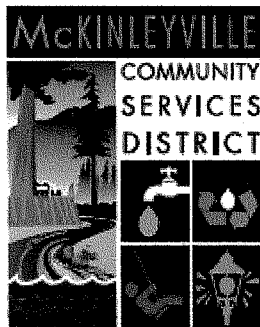


**PHYSICAL ADDRESS:**

1656 SUTTER ROAD  
McKINLEYVILLE, CA 95519

**MAILING ADDRESS:**

P.O. BOX 2037  
McKINLEYVILLE, CA 95519



[mckinleyvillecsd.com](http://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

November 1, 2012

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for September 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 September.

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 September that represent five criteria. The BOD results for September are in compliance.

The requirement for TSS is 83 mg/L monthly average with four weekly tests in September which represent one criterion. The TSS result for September is in compliance.

The requirement for Nitrate as Nitrogen in the effluent is a monthly average of 10 mg/L. One test was conducted in September 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 September are as follows. Median was <1.8 and a Maximum of <1.8. Four samples were collected in the month of September and were in compliance.

Monthly River Monitoring was conducted in September.

SEPTEMBER 2012

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	IRRIGATE TOTAL MGD	RIVER MGD
1	0.835	0.669	470	0.669						0.000	0.00
2	0.832	0.668	468	0.668						0.000	0.00
3	0.953	0.667	478	0.667						0.000	0.00
4	0.869	0.740	842	0.301		0.311	0.061		0.067	0.439	0.00
5	0.861	0.917	970			0.601	0.078	0.096	0.142	0.917	0.00
6	0.860	0.925	977			0.500	0.041	0.237	0.147	0.925	0.00
7	0.829	0.896	924	0.394		0.277	0.014	0.132	0.079	0.502	0.00
8	0.866	0.713	505	0.713						0.000	0.00
9	0.934	0.711	503	0.711						0.000	0.00
10	0.873	0.847	1000	0.302		0.386	0.072	0.013	0.074	0.545	0.00
11	0.870	1.037	984			0.589	0.045	0.261	0.142	1.037	0.00
12	0.843	0.951	1009			0.492	0.047	0.267	0.145	0.951	0.00
13	0.854	0.897	1004			0.441	0.042	0.265	0.149	0.897	0.00
14	0.841	0.815	830	0.393		0.159	0.039	0.145	0.079	0.422	0.00
15	0.860	0.716	504	0.716						0.000	0.00
16	0.936	0.720	509	0.720						0.000	0.00
17	0.870	0.760	796	0.275		0.195	0.096	0.129	0.065	0.485	0.00
18	0.847	0.884	799			0.551	0.051	0.144	0.138	0.884	0.00
19	0.862	1.006	1149			0.555	0.044	0.263	0.144	1.006	0.00
20	0.858	1.170	1177			0.867	0.038	0.119	0.146	1.170	0.00
21	0.832	1.021	980	0.437		0.464	0.041		0.079	0.584	0.00
22	0.852	0.799	560	0.799						0.000	0.00
23	0.908	0.797	562	0.797						0.000	0.00
24	0.845	1.024	1203	0.303		0.212	0.070	0.362	0.077	0.721	0.00
25	0.832	1.318	1221			0.850	0.071	0.261	0.136	1.318	0.00
26	0.848	1.224	1231			0.759	0.045	0.270	0.150	1.224	0.00
27	0.830	1.255	1322			0.777	0.063	0.267	0.148	1.255	0.00
28	0.811	1.071	1131	0.394		0.453		0.145	0.079	0.677	0.00
29	0.850	0.714	504	0.714						0.000	0.00
30	0.906	0.713	503	0.713						0.000	0.00
TOTAL	25.867	26.645		10.686	0.000	9.439	0.958	3.376	2.186	15.959	0.00
AVERAGE	0.862	0.888	837	0.562	0.000	0.497	0.053	0.199	0.115	0.532	0.00
MAXIMUM	0.953	1.318	1322	0.799	0.000	0.867	0.096	0.362	0.150	1.318	0.00
MINIMUM	0.811	0.667	468	0.275	0.000	0.159	0.014	0.013	0.065	0.000	0.00
DAYS	30	30		19	0	19	18	17	19	19	
DAYS WITH NO DISCHARGE = 0											

**MCKINLEVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY**

MONTH: SEPTEMBER

YEAR: 2012

					3X5												
INFLUENT FLOW M.G.D.		EFFLUENT FLOW M.G.D.		EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING									
DATE						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	TOTAL COLIFORM
1	0.835	0.669	470														
2	0.832	0.668	468														
3	0.953	0.667	478					6.9	17.1				26	2.4			<1.8
4	0.869	0.740	842					6.7	16.6				28	3.2			
5	0.861	0.917	970					6.6	16.5				30	3.7			
6	0.860	0.925	977					6.8	16.4		25	14	30	3.2		<0.1	
7	0.829	0.896	924														
8	0.866	0.713	505														
9	0.934	0.711	503														
10	0.873	0.847	1000					6.9	16.4				34	3.7			<1.8
11	0.870	1.037	984					6.8	16.2				24	2.7			
12	0.843	0.951	1009					6.9	16.3				26	3.1			
13	0.854	0.897	1004					7.0	16.2				28	3.1			
14	0.841	0.815	830			270	240	6.9	16.4		27	15	36	3.0		<0.1	
15	0.860	0.716	504														
16	0.936	0.720	509														
17	0.870	0.760	796					7.0	17.0				28	2.6			<1.8
18	0.847	0.884	799					7.0	16.0				28	1.8			
19	0.862	1.006	1149					6.8	15.5				28	0.1			
20	0.858	1.170	1177					7.1	15.8				30	0.1			
21	0.832	1.021	980			340	320	7.0	15.6		40	19	28	1.5		<0.1	
22	0.852	0.799	560														
23	0.908	0.797	562														
24	0.845	1.024	1203					6.7	15.4				28	3.1			<1.8
25	0.832	1.318	1221					6.8	15.2				34	0.7			
26	0.848	1.224	1231					6.8	15.2				34	2.1			
27	0.830	1.255	1322					6.8	15.2				32	2.3			
28	0.811	1.071	1131			270	260	6.8	15.0		26	26	34	2.2		<0.1	
29	0.850	0.714	504														
30	0.906	0.713	503														

DATE	TDS	AMMONIA	NITRATE	BORON
9/13/2012	290	20.0	ND	250

Semi-Annual Tests		Value in ug/l
Bis. phthalate		N/A
aliph-BHC		N/A
4,4'-DDT		N/A
Carbon tetrachloride		N/A

Quarterly Tests		Value in ug/l
Dichlorobromomethane		N/A
Bromoform		N/A
Chlorobromomethane		N/A
Chloroform		N/A

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

CHRONIC TOXICITY		TESTED	SURVIVAL
Milfnov			N/A
C. Dubia			N/A
Algae			N/A
TUC			

SIGNATURE:

REMARKS:

Indicates Permit Exceedance

SPILLS				
None to report				
DATE	BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR LBS/DAY
30 DAY AVERAGE	30	230	30	19

Total Coliform	Monthly	Median	Daily	Maximum
<1.8				
<1.8				
<1.8				