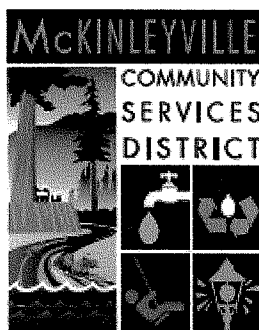


PHYSICAL ADDRESS:

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 26, 2013

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the Monthly Monitoring Report for July 2013 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 July.

The requirement for BOD is 45 mg/L monthly average and 65 % removal for the 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 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. Five samples were collected in the month of July and were in compliance.

Monthly River Monitoring was conducted in July.

Quarterly testing, including well samples, was conducted in July.

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

July 2013

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	0.854	0.485	1174			0.401	0.045		0.039	0.485	0.00
2	0.856	0.587	1119			0.452		0.135	0.000	0.587	0.00
3	0.837	1.356	1222			0.681	0.237	0.284	0.154	1.356	0.00
4	0.821	1.456	1118			0.851	0.144	0.299	0.162	1.456	0.00
5	0.805	1.022	1186		0.262	0.504		0.166	0.090	0.760	0.00
6	0.814	0.495	349		0.495					0.000	0.00
7	0.878	0.498	352		0.498					0.000	0.00
8	0.876	0.901	1202		0.190	0.378	0.132	0.115	0.086	0.711	0.00
9	0.837	1.344	1308			0.906		0.284	0.154	1.344	0.00
10	0.842	1.293	1228			0.860		0.280	0.153	1.293	0.00
11	0.833	1.284	1247			0.803	0.040	0.286	0.155	1.284	0.00
12	0.833	0.905	1054		0.662			0.158	0.085	0.243	0.00
13	0.821	0.690	918		0.690					0.000	0.00
14	0.860	1.033	912		1.033					0.000	0.00
15	0.845	0.966	1060		0.266	0.462		0.150	0.088	0.700	0.00
16	0.814	1.189	1080			0.738		0.290	0.161	1.189	0.00
17	0.818	1.039	884			0.584		0.292	0.163	1.039	0.00
18	0.814	0.809	865			0.363		0.289	0.157	0.809	0.00
19	0.791	0.544	471		0.281	0.019		0.159	0.085	0.263	0.00
20	0.791	0.514	360		0.514					0.000	0.00
21	0.831	0.512	358		0.512					0.000	0.00
22	0.817	0.601	771		0.193	0.171		0.155	0.082	0.408	0.00
23	0.819	0.799	755			0.348		0.291	0.160	0.799	0.00
24	0.811	0.650	745			0.198		0.288	0.164	0.650	0.00
25	0.801	0.785	724			0.340		0.287	0.158	0.785	0.00
26	0.802	0.734	665		0.307	0.196		0.152	0.079	0.427	0.00
27	0.796	0.559	393		0.559					0.000	0.00
28	0.843	0.564	397		0.564					0.000	0.00
29	0.825	0.767	887		0.214	0.309		0.158	0.086	0.553	0.00
30	0.808	0.998	945			0.548		0.285	0.165	0.998	0.00
31	0.816	0.838	768			0.409		0.287	0.142	0.838	0.00
TOTAL	25.609	25.732		0.000	7.240	10.521	0.598	5.090	2.768	18.977	0.00
AVERAGE	0.826	0.858	855	#DIV/0!	0.453	0.478	0.120	0.231	0.120	0.612	0.00
MAXIMUM	0.878	1.456	1308	0.000	1.033	0.906	0.237	0.299	0.165	1.456	0.00
MINIMUM	0.791	0.495	349	0.000	0.190	0.019	0.040	0.115	0.000	0.000	0.00
DAYS	31	31		0	16	22	5	22	23	31	

DAYS WITH NO DISCHARGE = 0

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

YEAR: 2013

MONTH: July

DATE	INFLUENT FLOW M.G.D.		EFFLUENT FLOW M.G.D.		EFFLUENT MAXIMUM GPM		RIVER CFS		INFLUENT MONITORING			EFFLUENT MONITORING							3X5 TOTAL COLIFORM	
	M.G.D.	M.G.D.	M.G.D.	M.G.D.	GPM	GPM			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	0.854		0.485		1174						6.8	19.4			28	6.9			<1.8	
2	0.856		0.587		1119						6.7	20.3			28	0.6				
3	0.837		1.366		1222				270	210	6.7	19.3	38	16	24	2.4				
4	0.821		1.456		1118						6.7	19.2			24	2.1				
5	0.805		1.022		1186						6.8	19.4			34	3.1		<0.1		
6	0.814		0.495		349															
7	0.878		0.498		352															
8	0.876		0.901		1202						6.8	18.6			26	5.6			<1.8	
9	0.837		1.344		1308						6.8	18.6			34	0.1				
10	0.842		1.293		1228						6.7	18.3			32	1.1				
11	0.833		1.284		1247						6.8	18.4			32	1.7				
12	0.833		0.905		1054				250	200	6.8	18.5	44	15	32	2.9		<0.1		
13	0.821		0.690		918															
14	0.860		1.033		912															
15	0.845		0.966		1080						6.8	17.9			32	2.7			<1.8	
16	0.814		1.189		1080						6.8	18.1			32	0.6				
17	0.818		1.039		884						6.8	18.1			34	0.7				
18	0.814		0.809		865						6.8	17.9			30	0.6				
19	0.791		0.544		471				250	160	6.7	18.1	27	16	34	5.3		<0.1		
20	0.791		0.514		360															
21	0.831		0.512		358															
22	0.817		0.601		771						6.9	17.7			32	1.6			<1.8	
23	0.819		0.799		755						7.0	17.4			30	0.7				
24	0.811		0.650		745						6.8	17.1			30	2.4				
25	0.801		0.785		724						6.8	17.3			30	1.6				
26	0.802		0.734		665				290	210	6.9	17.4	28	14	32	3.2		<0.1		
27	0.796		0.559		393															
28	0.843		0.564		397															
29	0.825		0.767		887						6.9	17.2			34	3.3			<1.8	
30	0.808		0.998		945						6.7	17.1			34	3.0				
31	0.816		0.838		768						6.8	17.2			34	2.3				

SPILLS:

None to report

DATE	MONTHLY TESTS		
	TDS	AMMONIA	NITRATE
7/31/2013	410	22.0	ND

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		DNQ
Bromoform		ND
Chlorodibromomethane		DNQ
Chloroform		3.97

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal
33	209	87	15	91	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

Total Coliform	Monthly
MEDIAN	<1.8
Daily	Maximum
	<1.8

REMARKS:

SIGNATURE: *James Henry*

Indicates Permit Exceedance