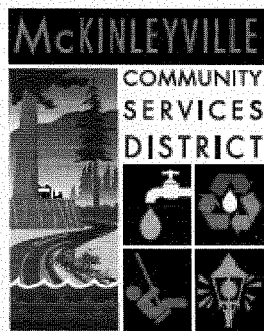


PHYSICAL ADDRESS:

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McKINLEYVILLE, CA 95519

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

September 23, 2014

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the Monthly Monitoring Report for August 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, & 7 and land disposal M-003. The required monitoring and water quality constituents that were tested and reported were in compliance in August 2014

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

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

Monthly River Monitoring was conducted in August.

Biosolids removal in Pond 1A regarding the WWMF Upgrade Project is in process and is 100% completed. Biosolids removal is now being conducted in Pond 1B. Approximately 250 dry tons will be removed from Pond 1B and will be completed by October 10th.

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

AUGUST 2014

Discharge Monitoring	001	002	002	002	002	003	003	004	004	005	005	001
M-INF	M-001	M-003	M-003	M-003	M-005	M-004	M-007	M-006	M-006	IRR	GATE	RIVER
DATE	INFLUENT MGD	EFFLUENT MGD	MAXIMUM GPM	N.POND MGD	S.POND MGD	FISCHER MGD UPPER	FISCHER MGD LOWER	PIALORSI MGD	HILLER MGD	TOTAL MGD		
1	0.756	0.831	1279		0.264	0.317	0.126	0.124		0.567		0.000
2	0.743	0.474	338		0.474					0.000		0.000
3	0.796	0.468	332		0.468					0.000		0.000
4	0.767	0.696	1176		0.189	0.309	0.088	0.110		0.507		0.000
5	0.749	0.905	1131			0.528	0.108	0.269		0.905		0.000
6	0.759	0.889	1071			0.453	0.207	0.229		0.889		0.000
7	0.746	1.004	1100			0.715	0.054	0.235		1.004		0.000
8	0.747	0.769	897		0.234	0.386		0.149		0.535		0.000
9	0.763	0.426	300		0.426					0.000		0.000
10	0.792	0.426	301		0.426					0.000		0.000
11	0.774	0.574	977		0.163	0.209	0.089	0.113		0.411		0.000
12	0.750	0.708	1001			0.363	0.103	0.242		0.708		0.000
13	0.759	0.631	840			0.295	0.109	0.227		0.631		0.000
14	0.746	0.859	1018			0.676	0.063	0.120		0.859		0.000
15	0.737	0.792	825		0.299	0.493				0.493		0.000
16	0.739	0.540	383		0.540					0.000		0.000
17	0.792	0.540	382		0.540					0.000		0.000
18	0.772	0.488	713		0.218	0.160	0.110			0.270		0.000
19	0.769	0.778	1262			0.554	0.118	0.106		0.778		0.000
20	0.762	0.813	972			0.532	0.048	0.233		0.813		0.000
21	0.760	0.692	939			0.388	0.065	0.239		0.692		0.000
22	0.753	0.832	1045		0.332	0.319	0.060	0.121		0.500		0.000
23	0.765	0.603	426		0.603					0.000		0.000
24	0.851	0.596	421		0.596					0.000		0.000
25	0.785	0.326	901		0.227	0.099				0.099		0.000
26	0.766	0.000	0	Washed CCB						0.000		0.000
27	0.769	0.732	1289			0.372	0.191	0.169		0.732		0.000
28	0.754	1.030	1046			0.679	0.231	0.120		1.030		0.000
29	0.737	0.913	1047		0.296	0.421	0.061	0.135		0.617		0.000
30	0.749	0.535	379		0.535					0.000		0.000
31	0.751	0.535	378		0.535					0.000		0.000
TOTAL	23.658	20.405		0.000	7.365	8.268	1.831	2.941	0.000	13.040		0.000
AVERAGE	0.763	0.658	780	0.000	0.368	0.413	0.108	0.173	0.000	0.421		0.000
MAXIMUM	0.851	1.030	1289	0.000	0.603	0.715	0.231	0.269	0.000	1.030		0.000
MINIMUM	0.737	0.000	0	0.000	0.000	0.099	0.048	0.106	0.000	0.000		0.000
DAYS	31	30		0	19	20	17	17	0	20		0
DAYS WITH NO DISCHARGE = 0												

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

YEAR: 2014

MONTH: AUGUST

DATE	INFLUENT		EFFLUENT		RIVER OFS	INFLUENT MONITORING		EFFLUENT MONITORING					3X5 TOTAL COLIFORM	
	FLOW M.G.D.	M.G.D.	FLOW M.G.D.	MAXIMUM GPM		B.O.D. mg/L	N.F.R. mg/L	(C°) TEMP	B.O.D. mg/L	NFR mg/L	AMMONIA	CL ₂ RES.	RIVER CL ₂ RES	SETTLABLE SOLIDS
1	0.756		0.831	1279		370			13	15	32	5.8		<0.1
2	0.743		0.474	338										
3	0.796		0.468	332										
4	0.767		0.696	1176				19.0			32	6.2		<1.8
5	0.749		0.905	1131				19.1			30	7.6		
6	0.759		0.889	1071				18.8			30	7		
7	0.746		1.004	1100				19.0			30	7.8		
8	0.747		0.769	897		310	220	18.8	20	12	32	4.4		<0.1
9	0.763		0.426	300										
10	0.792		0.426	301										
11	0.774		0.574	977										
12	0.750		0.708	1001				18.2			32	3.3		<1.8
13	0.759		0.631	840				18.5			30	3		
14	0.746		0.859	1018				18.6			26	3.6		
15	0.737		0.792	825				19.0			30	2.0		
16	0.739		0.540	383		300	170	19.5	18	8.7	32	2.7		<0.1
17	0.792		0.540	382										
18	0.772		0.488	713				20.0			30	2.2		<1.8
19	0.769		0.778	1262				18.7			30	2.1		
20	0.762		0.813	972				19.3			30	1.3		
21	0.760		0.692	939				19.3			28	1.6		
22	0.753		0.832	1045		340	240	19.0	18	10	32	1.7		<0.1
23	0.765		0.603	426										
24	0.851		0.596	421										
25	0.785		0.326	901							30	2.5		<1.8
26	0.766		0.000	0		Washed CCB								
27	0.769		0.732	1289				18.8			28	7.1		
28	0.754		1.030	1046				18.7			30	1.2		
29	0.737		0.913	1047		390	480	19.0	19	11	32	3.0		<0.1
30	0.749		0.535	379										
31	0.751		0.535	378										

SPILLS:

None to report

MONTHLY TESTS

DATE	TDS	AMMONIA	NITRATE	BORON
8/31/2014	290	25.0	ND	330

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	N/A
Bromomethane	N/A
Chlorodibromomethane	N/A
Chloroform	N/A

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	BOD % Removal	NFR mg/L	NFR LBS/DAY	NFR % Removal
17	116	95	11	77	95

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