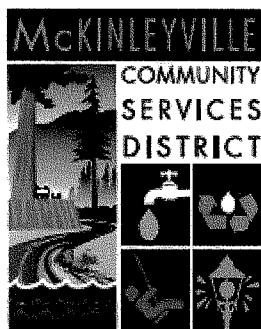


PHYSICAL ADDRESS:

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

June 27, 2012

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the Monthly Monitoring Report for May 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 May 1st-14th, for 14 days discharge to M-002 Mad River and May 16th-31st for 16 days of discharge to disposal and reuse. The required monitoring and water quality constituents that were tested and reported were in compliance for May.

From May 1 through May 14 the requirement for BOD is 45 mg/L, 604 lbs/day and 65% removal for the monthly average and a weekly average limit of 65 mg/L and 873 lbs/day. From May 16 through May 31 the requirement for mass emission and percent removal are no longer regulated. With four weekly tests in May, that constitutes seven criteria. The BOD results for May are in compliance.

From May 1 through May 14 the requirement for NFR is 83 mg/L and minimum of 65% removal for the monthly average. From May 16 through May 31 the requirement for mass emission and percent removal are no longer regulated. With four weekly tests in May, that constitutes three criteria. The NFR results for May 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 May 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 May are as follows. Median was <1.8 and a Maximum of 4.0. Four samples were collected in the month of May and were in compliance.

Monthly River Monitoring was conducted in May.

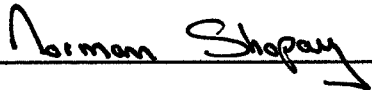
Acute Toxicity testing was conducted in May. The result for Rainbow Trout was 95% and the survival of *C. dubia* was 100%.

EXHIBITS:

- A. May 2011 Wastewater Management Facilities spreadsheet with the daily, weekly, monthly, and quarterly monitoring records for monitoring location M-001.
- B. Disposal Flows and Location Data Sheet.
- C. River CFS and Discharge Dilution work sheet
- D. BOD and TSS work sheet.
- E. River Monitoring work Sheet for R-001 and R-002
- F. Acute Toxicity lab report

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED, IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

If you have any questions, please contact this office.



NORMAN SHOPAY, GENERAL MANAGER

ENCLOSURES

FILE

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

MONTH: MAY

YEAR: 2012

DATE	INFLUENT FLOW		EFFLUENT FLOW		EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		pH	(C°)		B.O.D. mg/L	NFR mg/L	EFFLUENT MONITORING		SETTLABLE SOLIDS	TOTAL COLIFORM
	M.G.D.	M.G.D.	M.G.D.	M.G.D.			B.O.D. mg/L	N.F.R. mg/L		TEMP				AMMONIA	CL ₂ RES.	CL ₂ RES	
1	1.154	1.428	1.004	1.300					6.8	15.6				30	2.8	0.00	
2	1.153	1.435	1.018	1.310					6.7	15.0				28	2.0	0.00	
3	1.166	1.243	1.007	1.100					6.6	15.2				28	2.0	0.00	
4	1.137	1.266	1.062	1.310			240	250	6.5	14.7	14	12		30	1.6	0.00	<0.1
5	1.157	1.506	1.066	1.200					6.7	14.7					2.8	0.00	
6	1.186	1.499	1.067	1.080					6.9	15.3					2.2	0.00	
7	1.146	1.485	1.080	986					6.7	15.5				28	3.0	0.00	<1.8
8	1.122	1.475	1.072	802					6.9	16.4				26	4.1	0.00	
9	1.093	1.455	1.027	631					6.8	16.3				28	3.7	0.00	
10	1.090	0.828	1.028	579					7.2	15.8				22	5.2	0.00	
11	1.081	0.709	569	544			200	150	6.7	14.3	20	16	24	2.7	0.00	<0.1	
12	1.084	0.833	585	520					6.8	14.9				24	3.5	0.00	
13	1.110	0.806	568	670					6.9	15.2					2.9	0.00	
14	1.088	0.456	577	610					6.7	15.9				28	2.6	0.00	<1.8
15	1.038	0.000	0														
16	1.037	0.444	1110						7.0	14.9				28	0.4		
17	1.026	0.837	752						6.8	15.4				28	0.6		
18	0.989	0.730	683				260	410	6.7	14.9	13	16	28	2.6		<0.1	
19	0.999	0.790	560														
20	1.041	0.773	547														
21	1.021	0.603	700						6.8	15.8				26	1.2		4.0
22	0.995	0.744	748						6.8	15.8				24	2.2		
23	0.994	0.892	863						6.9	16.5				24	2.1		
24	1.004	0.985	799						6.8	15.4				26	1.9		
25	0.971	0.732	806				210	190	6.7	15.2	15	18	20	2.5		<0.1	
26	0.954	0.640	466														
27	0.953	0.627	451														
28	1.040	0.621	446						6.8	15.8				24	4.9		<1.8
29	1.001	0.746	863						6.8	15.8				22	3.8		
30	0.959	0.975	868						6.8	16.3				24	4.1		
31	0.956	1.016	982						6.9	16.3							

MONTHLY TESTS			
DATE	TDS	AMMONIA	NITRATE
5/3/2012	210	20.0	ND
			BORON
			160

Semi-Annual Tests		Value in ug/l
Bis phthalate		
alpha-BHC		
4,4'-DDT		
carbon tetrachloride		

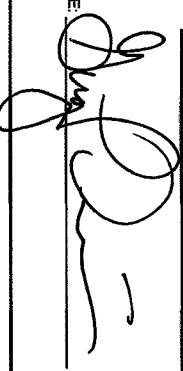
Quarterly Tests		Value in ug/l
Dichlorobromomethane		
Bromodorm		
Chlorodibromomethane		
Chlorodorm		

ACUTE TOXICITY		% Survival
DATE	5/8/2012	95%
	5/8/2012	100%

Indicates Permit Exceedance

CHRONIC TOXICITY		% Survival
TESTED	Survival	
Mimnow		
C. Dubia		
Algae		

Total Coliform		% Removal
MONTHLY		
Median		
Daily		
Maximum		

SIGNATURE: 

REMARKS: