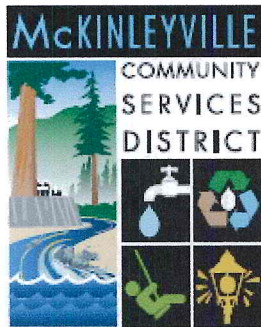


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R.W.Q.C.B. NORTH COAST REGION  
5550 SKYLANE BLVD., SUITE A  
SANTA ROSA, CA 95403

November 30, 2011

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for October 2011 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 to M003 and no discharge on October 19 for chlorine contact basin cleaning. The required monitoring and water quality constituents that were tested and were reported were in compliance in October.

The requirement for BOD is 45 mg/L, for the monthly average, a minimum of 65% removal and a weekly average of 65 mg/L. With four weekly tests in October, that constitutes seven criteria. The BOD results for October are in compliance.

The requirement for NFR is 83 mg/L and minimum of 65% removal for the monthly average. With four weekly tests in October, that constitutes three criteria. The NFR results for October 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 October 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 October are as follows. Median was <1.8 and a Maximum of <1.8. Five samples were collected in the month of October and were in compliance.

Monthly River Monitoring was conducted in October.

Quarterly Disinfection By-products testing was conducted in October and the laboratory report is included.

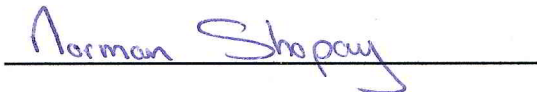
Quarterly Well Monitoring Testing was conducted in October.

EXHIBITS:

- A. October 2011 Wastewater Management Facilities spreadsheet with the daily, weekly, monthly, quarterly and annual monitoring records for monitoring location M-001.
- B. Disposal Flows and Location Data Sheet
- C. BOD and TSS work sheet
- D. Quarterly Disinfection By-products test laboratory results for M-001
- E. Quarterly Monitoring Well Test Results and Levels for MW-1, 2, 6, 7, 8, 9, 16, 19, and 20
- F. River Monitoring worksheet for R-001 and R-002

"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

YEAR: 2011

MONTH: OCTOBER

DATE	INFLUENT FLOW M.G.D.		EFFLUENT FLOW M.G.D.		EFFLUENT MAXIMUM GPM		RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING							3X5 TOTAL COLIFORM	
								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		SETTLEABLE SOLIDS
1	0.845		0.529		371													
2	0.914		0.523		366				6.9	16.9			34	4.4				<1.8
3	0.909		0.633		817				6.9	16.1			34	1.1				
4	0.914		0.866		945				6.9	15.5			34	3.7				
5	0.917		0.783		695				7.1	15.1			28	5				
6	0.951		0.872		902				6.8	14.5	14	15	32	4.7			<0.1	
7	0.859		0.852		1007		250	280										
8	0.873		0.427		310													
9	0.929		0.421		297													
10	1.002		0.434		311													
11	0.911		0.798		999				6.9	16.4			22	0.5				<1.8
12	0.886		1.242		1122				7	15.7			26	3.3				
13	0.868		1.273		1125				7	15.6			26	5.3				
14	0.828		0.918		1093		310	350	6.9	16.1	19	24	30	3.2			<0.1	
15	0.872		0.461		342													
16	0.914		0.513		372													
17	0.865		0.907		1167				7.0	16.3			26	2.2				<1.8
18	0.859		0.792		1168				7.0	15.8			26	2.2				
19	0.854		0.000		0													
20	0.848		0.754		1138				6.9	15.9			28	1.1				
21	0.829		1.039		1139		270	360	6.9	15.9	31	17	22	2.8			<0.1	
22	0.871		0.508		358													
23	0.926		0.518		370													
24	0.870		0.946		931				7.1	15.3			22	4.3				<1.8
25	0.843		1.142		803				7.1	14.3			24	4.7				
26	0.848		1.163		823				7	13.8			26	5.1				
27	0.841		1.145		820				7.2	13.4			26	3.5				
28	0.896		0.921		870		250	250	7.3	13.7	18	30	20	3.6			<0.1	
29	1.012		0.604		426													
30	1.031		0.598		420													
31	0.934		1.128		1030				7.0	14.4			24	3.0				<1.8

SPILLS:

None to report

DATE	MONTHLY TESTS		
	TDS	AMMONIA	NITRATE
10/5/2011	300	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
Bromomethane	ND
Chlorodibromomethane	ND
Chloroform	2.6

30 DAY AVERAGE

BOD mg/L	BOD LBS/DAY	% Removal	BOD mg/L	BOD LBS/DAY	% Removal	NFR	NFR LBS/DAY	% Removal
21	163	92	22	167	93			

ACUTE TOXICITY

DATE	% Survival
Rainbow Trout	N/A
C. dubia	N/A

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:

Indicates Permit Exceedance

SIGNATURE:

