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

November 29, 2012

RE: MONTHLY MONITORING REPORT

Dear Lisa:

Enclosed is the Monthly Monitoring Report for October 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 31 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 October.

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

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

Total Coliform Organisms MPN/100 ml., 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.

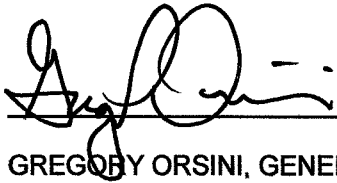
Monthly River Monitoring R-001 and 002 was conducted in October.

Quarterly monitoring for W-001, 2, 6, 7, 8, 9, 14, 15 and 16 was conducted in October.

Quarterly monitoring for disinfection byproducts was conducted in October.

"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.

A handwritten signature in black ink, appearing to read 'Gregory Orsini', is written over a horizontal line.

GREGORY ORSINI, GENERAL MANAGER

ENCLOSURES

FILE

OCTOBER 2012

[illegible]

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
MONITORING DATA

MONTH: OCTOBER

YEAR: 2012

DATE	INFLUENT FLOW		EFFLUENT FLOW		RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING				RIVER		SETTLABLE SOLIDS	TOTAL COLIFORM
	M.G.D.	M.G.D.	M.G.D.	GPM		B.O.D. mg/L	N.F.R. mg/L	(C°) TEMP	B.O.D. mg/L	N.F.R. mg/L	AMMONIA	CL ₂ RES.	CL ₂ RES.		
1	0.833	1.009	1.195					15.1			30	5.7			<1.8
2	0.819	1.314	1230					15.4			32	2.9			
3	0.817	1.138	1131					15			32	4.1			
4	0.811	1.090	1122					15.1			34	4.0			
5	0.788	0.895	1110			320	270	15.5	32	21	34	3.2		<0.1	
6	0.835	0.538	379												
7	0.902	0.548	386												
8	0.848	0.553	387												
9	0.815	0.644	1005												
10	0.838	0.798	755												
11	0.821	0.838	758												
12	0.796	0.846	667			400	400	15.1	33	14	32	4.8		<0.1	
13	0.850	0.797	559												
14	0.889	0.794	556												
15	0.844	0.888	1025												
16	0.884	1.165	1172					16.1			34	4.8			<1.8
17	0.845	1.125	1420					16.3			34	1.4			
18	0.816	1.078	1066					15.2			32	1.1			
19	0.786	0.893	1020			280	200	14.9			36	3.0			
20	0.860	0.745	526					14.8	28	22	34	4.3		<0.1	
21	0.903	0.753	537												
22	0.922	0.706	851					14.3			34	4.5			<1.8
23	0.865	1.132	1310					13.5			32	4.5			
24	0.863	1.561	1350					13.1			36	4.2			
25	0.836	1.532	1300					13.2			36	3.0			
26	0.824	1.305	1305			310	250	13.3	34	32	34	3.1		<0.1	
27	0.864	0.754	530												
28	0.907	0.751	527												
29	0.847	1.035	1286					14.9			34	2.9			<1.8
30	0.815	1.539	1323					15.0			34	2.7			
31	0.818	1.528	1321					15.1			36	2.7			

SPILLS:

None to report

DATE	MONTHLY TESTS			
	TDS	AMMONIA	NITRATE	BORON
10/10/2012	280	21.0	ND	240

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

Quarterly Tests	Value in ug/l
Dichlorobromomethane	DNQ
Bromomethane	ND
Chlorodibromomethane	ND
Chloroform	1.3

30 DAY AVERAGE							
BOD mg/L	32	BOD LBS/DAY	273	BOD % Removal	90	NFR mg/L	22
NFR		NFR LBS/DAY	200	NFR % Removal	91		

ACUTE TOXICITY

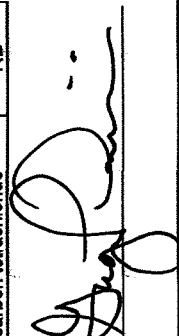
DATE	% Survival
N/A	
N/A	
N/A	

Indicates Permit Exceedance

CHRONIC TOXICITY	
TESTED	SURVIVAL
Minnow	N/A
C. Dubia	N/A
Algae	N/A
	TUG

Total Coliform	Monthly	MEDIAN	Daily	Maximum
<1.8	<1.8	<1.8	<1.8	<1.8

SIGNATURE:



REMARKS: