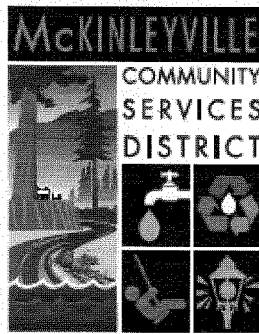


**PHYSICAL ADDRESS:**

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PHONE: (707) 839-9003  
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R.W.Q.C.B. NORTH COAST REGION  
5550 SKYLANE BLVD., SUITE A  
SANTA ROSA, CA 95403

March 21, 2014

**RE: MONTHLY MONITORING REPORT**

Dear Lisa:

Enclosed is the Monthly Monitoring Report for February 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 10 days discharge to reclamation M-004, 5, & 6 and land disposal M-003. Discharge to 001 Mad River started on the 10<sup>th</sup> and continued the rest of February totaling 18 days. The required monitoring and water quality constituents that were tested and reported were in compliance in February 2014.

The requirement for BOD is 45 mg/L, 604 lbs/day and 65 % removal for the monthly average with four weekly tests in February that represent eleven criteria. The BOD results for February are in compliance.

The requirement for TSS is 83 mg/L, 1108 lbs/day and a minimum of 65% removal for the monthly average with four weekly tests in February which represent three criteria. The TSS results for February 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 February 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 February are as follows. Median was <1.8 and a Maximum of <1.8. Four samples were collected in the month of February and were in compliance.

Monthly River Monitoring was conducted in February.

Acute Toxicity testing was conducted in February. The result for Rainbow Trout was 100% survival and the survival of C. dubia was 100%. Monthly testing was in compliance.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
EFFLUENT DISCHARGE DISPOSAL

FEBRUARY 2014

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	0.843	0.594	484		0.594						0.000	0.000
2	0.892	0.643	451		0.643						0.000	0.000
3	0.828	1.013	975		0.501	0.249			0.076	0.187	0.512	0.000
4	0.797	1.298	993			1.011			0.097	0.190	1.298	0.000
5	0.802	1.298	986			1.017			0.093	0.188	1.298	0.000
6	0.811	1.279	984			1.012			0.075	0.192	1.279	0.000
7	0.839	0.944	865		0.361	0.493				0.090	0.583	0.000
8	0.916	0.685	481		0.685						0.000	0.000
9	0.976	0.680	475		0.680						0.000	0.000
10	0.888	1.439	1506		0.257						0.000	1.182
11	0.836	1.645	1500								0.000	1.645
12	0.886	0.988	794								0.000	0.988
13	0.967	1.035	787								0.000	1.035
14	1.144	1.432	1448								0.000	1.432
15	1.132	1.999	1396								0.000	1.999
16	1.054	2.053	1486								0.000	2.053
17	0.979	2.136	1495								0.000	2.136
18	0.919	2.130	1495								0.000	2.130
19	0.939	2.096	1482								0.000	2.096
20	0.896	1.310	1458								0.000	1.310
21	0.865	1.478	1409								0.000	1.478
22	0.897	2.022	1419								0.000	2.022
23	0.954	2.022	1417								0.000	2.022
24	0.895	2.008	1409								0.000	2.008
25	0.870	1.806	1404								0.000	1.806
26	0.886	1.310	1070								0.000	1.310
27	0.893	1.072	754								0.000	1.072
28	0.850	1.077	759								0.000	1.077
29											0.000	0.000
30											0.000	0.000
31											0.000	0.000
TOTAL	25.454	39.492		0.000	3.721	3.782	0.000	0.341	0.847	4.970	30.801	
AVERAGE	0.909	1.410	1114	0.000	0.532	0.756	0.000	0.085	0.169	0.160	0.994	
MAXIMUM	1.144	2.136	1506	0.000	0.685	1.017	0.000	0.097	0.192	1.298	2.136	
MINIMUM	0.797	0.594	451	0.000	0.257	0.249	0.000	0.075	0.090	0.000	0.000	
DAYS	28	28		0	7	5	0	4	5	5	19	
DAYS WITH NO DISCHARGE = 0												

YEAR: 2014

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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	2/28/2014	300	27.0	ND	280
BOD	BOD	N/R	N/R	N/R	N/R

carbon tetrachloride	N/A
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Chloroform	N/A
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		Minnow	N/A
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<p> <math>\frac{1}{2}</math> </p>	<p> <math>\frac{1}{2}</math> </p>
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Tuc

<1.8
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	Indicates Permit Exceedance	
	Algae	N/A

SIGNATURE: \_\_\_\_\_

REMARKS:	TUC
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Algae	N/A
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