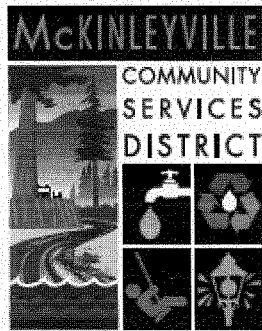


**PHYSICAL ADDRESS:**

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McKINLEYVILLE, CA 95519

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P.O. BOX 2037  
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R.W.Q.C.B. NORTH COAST REGION  
5550 SKYLANE BLVD., SUITE A  
SANTA ROSA, CA 95403

March 18, 2015

RE: MONTHLY MONITORING REPORT

Dear Charles:

Enclosed is the Monthly Monitoring Report for February 2015 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 27 days Discharge Point 001. The required monitoring and water quality constituents that were tested and reported were in compliance in February.

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 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 testing for February was conducted using Rainbow Trout and C.Dubia. Rainbow Trout had a 100% survival and C.Dubia had a 100% survival.

WWMF Upgrade Status: The District has received the Final Bid Set and is in the process of reviewing it. The District will send back comments after review process is completed.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
MONITORING DATA

MONTH: FEBRUARY

YEAR: 2015

DATE	INFLUENT FLOW		EFFLUENT FLOW		EFFLUENT MAXIMUM GPM	RIVER CFS	INFLUENT MONITORING		EFFLUENT MONITORING						3X5 TOTAL COLIFORM		
	M.G.D.	M.G.D.	M.G.D.	GPM			B.O.D. mg/L	N.F.R. mg/L	pH	TEMP (C°)	B.O.D. mg/L	NFR mg/L	AMMONIA	CL <sub>2</sub> RES.	RIVER CL <sub>2</sub> RES.	SETTLABLE SOLIDS	
1	0.986	1.140	802	802	354			6.9	12.4				1.3	0.00			
2	1.096	1.133	799	799	411			7.0	12.4			34	0.3	0.00		<1.8	
3	1.055	1.129	787	787	2190			6.9	13.1			32	1.0	0.00			
4	1.016	1.129	793	793	1220			6.9	13.3			36	0.1	0.00			
5	1.062	1.132	799	799	1020			6.8	13.8			36	1.6	0.00			
6	1.330	1.282	1037	1037	3530	280	240	6.9	14.1	14	7.6	34	0.7	0.00	<0.1		
7	1.300	1.448	1021	1021	20200			7.0	14.5				2.4	0.00			
8	1.251	1.483	1049	1049	10400			6.9	14.9				0.6	0.00			
9	1.181	0.681	1062	1062	7480			6.5	14.5			32	1.3	0.00		<1.8	
10	1.113	0.000	0	8330		Washed CCB											
11	1.088	0.993	1338	1338	6010			6.8	12.9			36	0.5	0.00			
12	1.060	1.431	1008	1008	3970			6.7	13			36	3.1	0.00			
13	1.035	1.423	998	998	3040	240	210	6.8	13	14	8.8	36	5.0	0.00	<0.1		
14	1.053	1.410	989	989	2380			7.0	12.9				2.4	0.00			
15	1.057	1.415	1002	1002	1940			6.9	13.3				3.0	0.00			
16	1.033	1.414	995	995	1670			6.7	12.9				2.6	0.00			
17	0.966	1.412	992	992	1430			6.8	13.1			36	2.2	0.00		<1.8	
18	0.968	1.406	988	988	1260			6.9	14.0			30	1.7	0.00			
19	0.950	1.403	986	986	1120			6.9	13.3			32	0.9	0.00			
20	0.931	1.398	995	995	1030	330	520	6.8	13.3	15	9.2	36	1.2	0.00	<0.1		
21	0.959	1.395	998	998	901			6.8	13.2				0.8	0.00			
22	1.025	1.390	990	990	840			6.8	13.0				1.4	0.00			
23	0.947	1.265	985	985	795			6.7	12.5			36	4.0	0.00		<1.8	
24	0.902	1.143	842	842	752			6.9	12.3			30	5.4	0.00			
25	0.914	1.105	778	778	758			6.8	11.8			32	3.5	0.00			
26	0.929	1.104	775	775	758			6.8	12.2			32	2.0	0.00			
27	0.941	1.098	773	773	693	320	260	6.9	12.6	13	6.4	32	3.2	0.00	<0.1		
28	0.969	1.096	777	777	710			7.1	13.2				1.9	0.00			

SPILLS:

None to report
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30 DAY AVERAGE	BOD mg/L	BOD LBS/DAY	% Removal	BOD mg/L	NFR	LBS/DAY	% Removal	NFR
	14	152	95	8	88	88	97	97

MONTHLY TESTS

DATE	TDS	AMMONIA	NITRATE	BORON
2/28/2014	250	34.0	ND	210

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

Quarterly Tests	Value in ug/l
Dichlorobromomethane	N/A
Bromofom	N/A
Chlorodibromomethane	N/A
Chloroform	N/A

ACUTE TOXICITY

DATE	% Survival
Rainbow Trout 2/4/2015	100%
C. dubia 2/4/2015	100%

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

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

REMARKS:

Indicates Permit Exceedance

McKINLEYVILLE COMMUNITY SERVICES DISTRICT  
WASTEWATER MANAGEMENT FACILITY  
RIVER CFS - EFFLUENT FLOWS -

M-004

RIVER DILUTION

M-005

M-006

FEBRUARY 2015

DATE	M-INF INFLUENT MGD	M-001 EFFLUENT MGD	EFFLUENT MAXIMUM GPM	M-003 PERK PONDS MGD	M-007 IRRIGATE MGD	M-002 RIVER MGD	RIVER DILUTION 100:1	MAXIMUM G.P.M. DISCHARGE FOR 100:1	RIVER FLOW IN CFS	RIVER FLOW IN GPS
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1	0.986	1.140	802			1.140	198	1589	354	2648
2	1.096	1.133	799			1.133	231	1845	411	3075
3	1.055	1.129	787			1.129	1249	9830	2190	16383
4	1.016	1.129	793			1.129	691	5476	1220	9127
5	1.062	1.132	799			1.132	573	4578	1020	7631
6	1.330	1.282	1037			1.282	1528	15845	3530	26408
7	1.300	1.448	1021			1.448	8880	90670	20200	151116
8	1.251	1.483	1049			1.483	4450	46681	10400	77802
9	1.181	0.681	1062			0.681	3161	33575	7480	55958
10	1.113	0.000	0	ashed CCB		0.000	0	37390	8330	62317
11	1.088	0.993	1338			0.993	2016	26976	6010	44961
12	1.060	1.431	1008			1.431	1768	17820	3970	29700
13	1.035	1.423	998			1.423	1367	13645	3040	22742
14	1.053	1.410	989			1.410	1080	10683	2380	17805
15	1.057	1.415	1002			1.415	869	8708	1940	14513
16	1.033	1.414	995			1.414	753	7496	1670	12493
17	0.966	1.412	992			1.412	647	6419	1430	10698
18	0.968	1.406	988			1.406	572	5656	1260	9426
19	0.950	1.403	986			1.403	510	5027	1120	8379
20	0.931	1.398	995			1.398	465	4623	1030	7705
21	0.959	1.395	998			1.395	405	4044	901	6740
22	1.025	1.390	990			1.390	381	3770	840	6284
23	0.947	1.265	985			1.265	362	3568	795	5947
24	0.902	1.143	842			1.143	401	3375	752	5626
25	0.914	1.105	778			1.105	437	3402	758	5671
26	0.929	1.104	775			1.104	439	3402	758	5671
27	0.941	1.098	773			1.098	402	3111	693	5184
28	0.969	1.096	777			1.096	410	3187	710	5312

TOTAL	29.117	33.858		0.000	0.000	33.858				
AVERAGE	1.040	1.209	906	0.000	0.000	1.209	1223	13657	3043	22761
MAXIMUM	1.330	1.483	1338	0.000	0.000	1.483	8880	90670	20200	151116
MINIMUM	0.902	0.000	0	0.000	0.000	0.000	0	1589	354	2648
DAYS	28	27	27	0	0					

DAYS WITH NO DISCHARGE TO THE MAD RIVER = 1

# McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY EFFLUENT DISCHARGE DISPOSAL

FEBRUARY 2015

Discharge Monitoring				002	002	004	003	006	005	001	
	M-INF	M-001		M-003	M-003	M-005	M-004	M-007	M-006		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
1	0.986	1.140	802							0.000	1.140
2	1.096	1.133	799							0.000	1.133
3	1.055	1.129	787							0.000	1.129
4	1.016	1.129	793							0.000	1.129
5	1.062	1.132	799							0.000	1.132
6	1.330	1.282	1037							0.000	1.282
7	1.300	1.448	1021							0.000	1.448
8	1.251	1.483	1049							0.000	1.483
9	1.181	0.681	1062							0.000	0.681
10	1.113	0.000	0	Wahsed CCB						0.000	0.000
11	1.088	0.993	1338							0.000	0.993
12	1.060	1.431	1008							0.000	1.431
13	1.035	1.423	998							0.000	1.423
14	1.053	1.410	989							0.000	1.410
15	1.057	1.415	1002							0.000	1.415
16	1.033	1.414	995							0.000	1.414
17	0.966	1.412	992							0.000	1.412
18	0.968	1.406	988							0.000	1.406
19	0.950	1.403	986							0.000	1.403
20	0.931	1.398	995							0.000	1.398
21	0.959	1.395	998							0.000	1.395
22	1.025	1.390	990							0.000	1.390
23	0.947	1.265	985							0.000	1.265
24	0.902	1.143	842							0.000	1.143
25	0.914	1.105	778							0.000	1.105
26	0.929	1.104	775							0.000	1.104
27	0.941	1.098	773							0.000	1.098
28	0.969	1.096	777							0.000	1.096
TOTAL	29.117	33.858		0.000	0.000	0.000	0.000	0.000	0.000	0.000	33.858
AVERAGE	1.040	1.209	906	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.209
MAXIMUM	1.330	1.483	1338	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.483
MINIMUM	0.902	0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DAYS	28	28		0	0	0	0	0	0	0	27
DAYS WITH NO DISCHARGE = 1											