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

December 15, 2021

RE: MONTHLY MONITORING REPORT

Dear Justin:

Enclosed is the Monthly Monitoring Report for November 2021 for McKinleyville Community Services District Wastewater Management Facilities WDID NO. 1B82084OHUM, operating under Order Number R1-2018-0032.

The normal discharge of effluent was 30 days going to 001 and 002. The required monitoring and water quality constituents that were tested and reported was in compliance in November.

Effluent Limitations Parameters	Units	Average Monthly	Average Weekly	Avg. % Removal	Max Daily	Instant Max	Instant Min	Results
Monitoring Location EFF- 001								
BOD	mg/L	30	45	>85				Compliance
TSS	Mg/L	30	45	>85				Compliance
PH	s.u.					6.5	8.5	Compliance
Settleable Solids	ml/L	0.1			0.2			Compliance
Chlorine Total Residual	mg/L	0.1			0.2			Compliance
Carbon Tetrachloride	ug/L	.25			.75			Compliance
Ammonia Impact Ratio	mg/L	1.0			1.0			Compliance
Dichlorobromomethane	ug/L	.56			1.4			Compliance
Monitoring Location LND-001, REC-001								
Nitrate		10						Compliance
PH		6.0- 9.0	6.0 – 9.0					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 240. The reported results for the month of November are as follows. Median was <1.8 and a Maximum of 1.8. Five samples were collected in the month of November and was in compliance.

Monthly River Monitoring was conducted in November.

Started River Discharge on November 1st.

Acute Toxicity Percent Survival. Minimum for any bioassay is 70% survival. Median for three or more consecutive bioassays at least 90% survival. Acute results were 100% and TST Pass for Rainbow trout.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
 WASTEWATER MANAGEMENT FACILITY
 EFFLUENT DISCHARGE DISPOSAL

NOVEMBER 2021

Discharge Monitoring	002	002	004	003	006	005	001			
INF-001	EFF-001	LND-001	LND-001	REC-001	REC-001	REC-001	REC-001	IRRIGATE	RIVER	
DATE	INFLUENT	EFFLUENT	MAXIMUM	N.POND	S.POND	FISCHER	FISCHER	TOTAL	RIVER	
	MGD	MGD	GPM	MGD	MGD	MGD	MGD	MGD	MGD	
						UPPER	LOWER			
1	0.918	1.198	1472		0.291			0.000	0.907	
2	0.849	1.326	1354					0.000	1.326	
3	0.840	1.302	1329					0.000	1.302	
4	0.869	1.298	1315					0.000	1.298	
5	0.866	1.288	1763					0.000	1.288	
6	0.899	1.289	1344					0.000	1.289	
7	0.937	1.236	1300					0.000	1.236	
8	0.817	1.153	1295					0.000	1.153	
9	0.850	1.195	1280					0.000	1.195	
10	0.811	1.200	1345					0.000	1.200	
11	0.835	1.204	1310					0.000	1.204	
12	0.788	1.203	1326					0.000	1.203	
13	0.811	1.095	1291					0.000	1.095	
14	0.860	1.106	1224					0.000	1.106	
15	0.827	1.066	1279					0.000	1.066	
16	0.831	1.036	1182					0.000	1.036	
17	0.803	1.036	1184					0.000	1.036	
18	0.787	1.038	1246					0.000	1.038	
19	0.777	1.038	1192					0.000	1.038	
20	0.815	1.041	1118					0.000	1.041	
21	0.828	1.009	1220					0.000	1.009	
22	0.798	1.004	1190					0.000	1.004	
23	0.792	0.984	1144					0.000	0.984	
24	0.804	0.911	1194					0.000	0.911	
25	0.824	0.857	1148					0.000	0.857	
26	0.758	0.850	1218					0.000	0.850	
27	0.781	0.837	1143					0.000	0.837	
28	0.831	0.675	1060					0.000	0.675	
29	0.785	0.600	672					0.000	0.600	
30	0.773	0.603	723					0.000	0.603	
TOTAL	24.764	31.678		0.000	0.291	0.000	0.000	0.000	0.000	31.387
AVERAGE	0.825	1.056	1229	0.000	0.000	0.000	0.000	0.000	0.000	1.046
MAXIMUM	0.937	1.326	1763	0.000	0.291	0.000	0.000	0.000	0.000	1.326
MINIMUM	0.758	0.600	672	0.000	0.291	0.000	0.000	0.000	0.000	0.600
DAYS	30	30	30	0	1	0	0	0	0	30

DAYS WITH NO DISCHARGE = 0