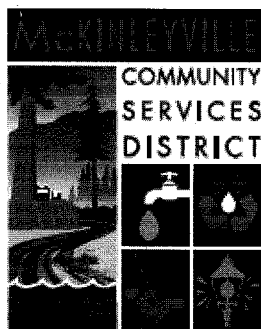


PHYSICAL ADDRESS:1656 SUTTER ROAD
McKINLEYVILLE, CA 95519**MAILING ADDRESS:**P.O. BOX 2037
McKINLEYVILLE, CA 95519

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MAIN OFFICE:PHONE: (707) 839-3251
FAX: (707) 839-8456**PARKS & RECREATION OFFICE:**PHONE: (707) 839-9003
FAX: (707) 839-5964R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

September 20, 2021

RE: MONTHLY MONITORING REPORT

Dear Justin:

Enclosed is the Monthly Monitoring Report for August 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 31 days going to 002, 004 and 006. The required monitoring and water quality constituents that were tested and reported was in compliance in August.

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 August are as follows. Median was <1.8 and a Maximum of <1.8. Five samples were collected in the month of August and was in compliance.

Monthly River Monitoring was conducted in August.

Started Land Discharge on May 3rd.

McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY MONITORING DATA

MONTH: August 2021

DATE	INFLUENT MONITORING			EFFLUENT MONITORING			EFFLUENT MONITORING			RSW-001			RSW-002										
	Flow M.G.D.	Flow M.G.D.	Dilution	BOD mg/L	TSS mg/L	PH	Temp (°C)	BOD mg/L	TSS mg/L	CL ₂ RES.	CL ₂ RES.	RIVER	SETTLABLE SOLIDS	TOTAL COLIFORMS	TIME	PH	TEMP	D.O.	TIME	PH	TEMP	D.O.	
1	0.824	0.544	N/A			7.4	19.0			1.7	N/A			<1.8	10:40	7.5	18.7	9.1	10:50	7.7	19.7	9.7	
2	0.820	0.801	N/A			7.4	18.3			1.9	N/A												
3	0.805	0.846	N/A			7.4	19.1			2.1	N/A												
4	0.810	0.878	N/A			7.4	17.9			1.6	N/A												
5	0.804	0.852	N/A			7.3	18.8			2.0	N/A												
6	0.810	0.720	N/A	360	210	7.3	19.2	5.5	3.8	2.1	N/A		<0.1										
7	0.809	0.661	N/A			7.4	19.5			2.0	N/A												
8	0.864	0.660	N/A			7.4	19.8			2.2	N/A												
9	0.827	0.903	N/A			7.3	19.3			2.5	N/A			<1.8									
10	0.806	0.905	N/A			7.2	20.7			1.8	N/A				15:40	7.6	20.8	8.5	15:50	8.4	21.6	9.9	
11	0.815	0.861	N/A			7.2	18.2			1.7	N/A												
12	0.813	0.879	N/A			7.4	18.6			2.1	N/A												
13	0.800	0.765	N/A	230	100	7.5	18.8	4.8	2.4	1.8	N/A		<0.1										
14	0.817	0.738	N/A			7.1	18.8			1.7	N/A												
15	0.859	0.735	N/A			7.1	19.1			1.5	N/A												
16	0.832	0.928	N/A			7.4	19.0			2.4	N/A			<1.8									
17	0.813	0.894	N/A			7.3	19.2			2.0	N/A				11:25	7.9	21.6	7.6	11:35	7.7	21.3	7.6	
18	0.806	0.869	N/A			7.5	18.7			2.0	N/A												
19	0.800	0.862	N/A			7.4	18.6			2.2	N/A												
20	0.808	0.743	N/A	340	170	7.3	19.1	6.5	2.6	1.7	N/A		<0.1										
21	0.805	0.740	N/A			7.2	19.2			1.8	N/A												
22	0.836	0.735	N/A			7.3	19.1			2.0	N/A												
23	0.818	0.927	N/A			7.2	18.5			2.3	N/A												
24	0.813	0.896	N/A			7.3	18.1			1.8	N/A												
25	0.798	0.885	N/A			7.0	18.3			1.9	N/A				15:25	7.3	20.7	8.9	15:35	7.2	20.4	10.3	
26	0.792	0.886	N/A			7.1	19.0			2.0	N/A												
27	0.805	0.774	N/A	260	150	7.2	19.2	5.0	1.6	1.9	N/A		<0.1										
28	0.822	0.769	N/A			7.2	19.2			1.8	N/A												
29	0.893	0.765	N/A			7.2	19.1			1.7	N/A												
30	0.824	1.016	N/A			7.4	18.1			2.4	N/A			<1.8									
31	0.800	0.971	N/A			7.4	18.5			1.9	N/A												

MONTHLY TESTS EFF-001 DISCHARGE TO RIVER

Date	AGUITE TOXICITY			PERICHLOROPOLYBIPHENYL			POLYCYCLOPOLYBIPHENYL			POLYCYCLOPOLYBIPHENYL			TURBIDITY % INCREASE					
	TSS	AMMONIA	NITRATE	NITRATE	SODIUM	CHLORIDES	SODIUM	CHLORIDES	SODIUM	CHLORIDES	SODIUM	CHLORIDES	TSS	BOD	TSS	TSS	% Removal	
1-30	270	0.63	0.13	ND	35	43	270	35	43	270	35	43	270	35	43	270	35	43
MONTHLY TESTS LIND-001, REC-001 DISCHARGE TO PERC PONDS and LAND																		
MONTHLY RIVER RSW-001																		
MONTHLY RIVER RSW-002																		
MONTHLY RIVER RSW-003																		
MONTHLY RIVER RSW-004																		
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Signature: _____

Remarks: _____

Permit Exceedance

**McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
EFFLUENT DISCHARGE DISPOSAL**

August 2021

Discharge Monitoring	002	002	004	003	006	005	001				
INF-001	EFF-001	LND-001	LND-001	REC-001	REC-001	REC-001	EFF-001				
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	0.824	0.544	730		0.544					0.000	0.000
2	0.820	0.801	1080		0.317	0.250		0.234		0.484	0.000
3	0.805	0.846	1160			0.756		0.090		0.846	0.000
4	0.810	0.878	1151			0.796		0.082		0.878	0.000
5	0.804	0.852	1188			0.761		0.091		0.852	0.000
6	0.810	0.720	1134		0.358	0.329		0.033		0.362	0.000
7	0.809	0.661	767		0.661					0.000	0.000
8	0.864	0.660	758		0.660					0.000	0.000
9	0.827	0.903	1141		0.248	0.546		0.109		0.655	0.000
10	0.806	0.905	1118			0.804		0.101		0.905	0.000
11	0.815	0.861	1112			0.767		0.094		0.861	0.000
12	0.813	0.879	1232			0.787		0.092		0.879	0.000
13	0.800	0.765	1080		0.384	0.345		0.036		0.381	0.000
14	0.817	0.738	830		0.738					0.000	0.000
15	0.859	0.735	831		0.735					0.000	0.000
16	0.832	0.928	1116		0.276	0.549		0.103		0.652	0.000
17	0.813	0.894	1099			0.805		0.089		0.894	0.000
18	0.806	0.869	1130			0.783		0.086		0.869	0.000
19	0.800	0.862	1115			0.768		0.094		0.862	0.000
20	0.808	0.743	952		0.384	0.322		0.037		0.359	0.000
21	0.805	0.740	872		0.740					0.000	0.000
22	0.836	0.735	741		0.735					0.000	0.000
23	0.818	0.927	1130		0.277	0.491		0.159		0.650	0.000
24	0.813	0.896	1124			0.734		0.162		0.896	0.000
25	0.798	0.885	1140			0.734		0.151		0.885	0.000
26	0.792	0.886	1121			0.728		0.158		0.886	0.000
27	0.805	0.774	1080		0.401	0.306		0.067		0.373	0.000
28	0.822	0.769	773		0.769					0.000	0.000
29	0.893	0.765	859		0.765					0.000	0.000
30	0.824	1.016	1164		0.288	0.560		0.168		0.728	0.000
31	0.800	0.971	1109			0.815		0.156		0.971	0.000
TOTAL	25.348	25.408		0.000	9.280	13.736	0.000	2.392	0.000	16.128	0.000
AVERAGE	0.818	0.820	1019	0.000	0.000	0.000	0.000	0.000	0.000	0.520	0.000
MAXIMUM	0.893	1.016	1232	0.000	0.769	0.815	0.000	0.234	0.000	0.971	0.000
MINIMUM	0.792	0.544	730	0.000	0.248	0.250	0.000	0.033	0.000	0.000	0.000
DAYS	31	31		0	18	22	0	22	0	22	0

DAYS WITH NO DISCHARGE = 1