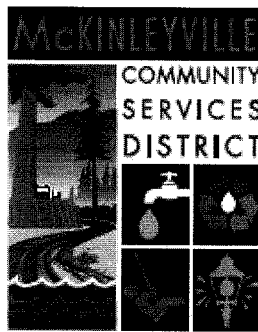


PHYSICAL ADDRESS:1656 SUTTER ROAD
McKINLEYVILLE, CA 95519**MAILING ADDRESS:**P.O. BOX 2037
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MAIN OFFICE:PHONE: (707) 839-3251
FAX: (707) 839-8456**PARKS & RECREATION OFFICE:**PHONE: (707) 839-9003
FAX: (707) 839-5964R.W.Q.C.B. NORTH COAST REGION
5550 SKYLANE BLVD., SUITE A
SANTA ROSA, CA 95403

July 27, 2020

RE: MONTHLY MONITORING REPORT

Dear Justin:

Enclosed is the Monthly Monitoring Report for June 2020 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 002, 004 and 005. The required monitoring and water quality constituents that were tested and reported was in compliance in June.

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			N/A
Ammonia Impact Ratio	mg/L	1.0			1.0			N/A
Dichlorobromomethane	ug/L	.56			1.4			N/A
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 June are as follows. Median was <1.8 and a Maximum of <1.8. Five samples were collected in the month of June and was in compliance.

River discharge was turned off on April 28, 2020 and Discharge went to 002 and 004 starting the 30th.

Monthly River Monitoring was conducted in June.

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

June 2020

Discharge Monitoring	002 LND-001	002 LND-001	004 REC-001	003 REC-001	006 REC-001	005 REC-001	001 EFF-001				
DATE	INF-001 MGD	EFF-001 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	0.982	0.692	918	0.348		0.344				0.344	0.000
2	0.941	0.468	920			0.468				0.468	0.000
3	0.934	0.895	1216			0.895				0.895	0.000
4	0.922	0.880	868			0.880				0.880	0.000
5	0.905	0.940	921	0.428		0.512				0.512	0.000
6	0.929	1.032	984	1.032						0.000	0.000
7	0.975	1.023	1222	1.023						0.000	0.000
8	0.930	0.934	954	0.489		0.445				0.445	0.000
9	0.918	0.837	1296			0.837				0.837	0.000
10	0.919	0.850	946			0.850				0.850	0.000
11	0.912	0.849	863			0.849				0.849	0.000
12	0.891	1.074	1083	0.705		0.369				0.369	0.000
13	0.911	1.250	1169	1.250						0.000	0.000
14	0.926	1.235	1159	1.235						0.000	0.000
15	0.900	1.134	1188	0.741		0.317			0.076	0.393	0.000
16	0.883	1.087	1046			0.929			0.158	1.087	0.000
17	0.884	1.103	1042			0.916			0.187	1.103	0.000
18	0.882	1.064	999			0.879			0.185	1.064	0.000
19	0.874	1.218	1257	0.624		0.477			0.117	0.594	0.000
20	0.863	1.351	1331	1.351						0.000	0.000
21	0.901	1.321	1369	1.321						0.000	0.000
22	0.915	1.187	1332	0.640		0.446			0.101	0.547	0.000
23	0.885	0.936	947			0.761			0.175	0.936	0.000
24	0.881	0.957	912			0.764			0.193	0.957	0.000
25	0.877	0.946	907			0.757			0.189	0.946	0.000
26	0.862	0.936	933	0.404		0.432			0.100	0.532	0.000
27	0.874	0.971	1083	0.971						0.000	0.000
28	0.903	0.963	983	0.963						0.000	0.000
29	0.862	0.909	1054	0.465		0.360			0.084	0.444	0.000
30	0.846	0.791	895			0.589			0.202	0.791	0.000
TOTAL	27.087	29.833		13.990	0.000	14.076	0.000	0.000	1.767	15.843	0.000
AVERAGE	0.903	0.994	1060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAXIMUM	0.982	1.351	1369	1.351	0.000	0.929	0.000	0.000	0.202	1.103	0.000
MINIMUM	0.846	0.468	863	0.348	0.000	0.317	0.000	0.000	0.076	0.000	0.000
DAYS	30	30		17	0	22	0	0	12	22	0

DAYS WITH NO DISCHARGE = 0

McKINLEYVILLE COMMUNITY SERVICES DISTRICT WASTEWATER MANAGEMENT FACILITY MONITORING DATA

MONTH: June 2020

DATE	EFFLUENT FLOW		EFFLUENT MAXIMUM GPM	RIVER CFS	RIVER DURATION	INFLUENT MONITORING		EFFLUENT MONITORING		PH	TEMP	BOD	TSS	CL RES	RIVER CL RES	SETTLABLE SOLIDS	TOTAL COLIFORM	RSW-001		RSW-002						
	M.G.D.	M.G.D.				B.O.D. mg/L	TSS mg/L	(C1) TEMP	B.O.D. mg/L									TSS mg/L	PH	TEMP	D.O.	PH	TEMP	D.O.		
1	0.982	0.692	918	N/A	N/A			7.0	18.6					2.1	N/A		<1.8	13:20	7.0	18.2	9.8	13:30	7.2	17.6	10.0	
2	0.941	0.468	920	N/A	N/A			7.0	19.3					2.0	N/A											
3	0.934	0.895	1216	N/A	N/A			7.0	18.9					3.8	N/A											
4	0.922	0.880	868	N/A	N/A			7.0	18.7					2.5	N/A											
5	0.905	0.940	921	N/A	N/A			7.2	18.8	6.7	1.4			2.7	N/A		<0.1									
6	0.929	1.032	984	N/A	N/A			6.9	18.9					3.2	N/A											
7	0.975	1.023	1222	N/A	N/A			7.0	18.5					2.6	N/A											
8	0.930	0.934	954	N/A	N/A			7.0	18.9					2.4	N/A		<1.8									
9	0.918	0.837	1296	N/A	N/A			7.1	18.6					2.4	N/A											
10	0.919	0.850	946	N/A	N/A			7.1	19.9					2.4	N/A											
11	0.912	0.849	863	N/A	N/A			7.1	20.3					2.3	N/A											
12	0.891	1.074	1083	N/A	N/A			7.2	19.5	5.3	1.6			2.3	N/A		<0.1									
13	0.911	1.250	1169	N/A	N/A			7.0	19.2					2.9	N/A											
14	0.926	1.235	1159	N/A	N/A			7.0	19.1					2.5	N/A											
15	0.900	1.134	1188	N/A	N/A			6.9	19.8					2.5	N/A		<1.8									
16	0.883	1.087	1046	N/A	N/A			6.9	19.5					2.3	N/A											
17	0.884	1.103	1042	N/A	N/A			6.9	19.6					2.4	N/A											
18	0.882	1.064	999	N/A	N/A			6.9	19.6					2.4	N/A											
19	0.874	1.218	1257	N/A	N/A			6.8	20.1	4.9	1.0			2.2	N/A		<0.1									
20	0.863	1.351	1331	N/A	N/A			7.0	19.1					2.6	N/A											
21	0.901	1.321	1369	N/A	N/A			6.8	19.1					2.4	N/A											
22	0.915	1.187	1332	N/A	N/A			7.0	19.8					2.5	N/A		<1.8									
23	0.885	0.936	947	N/A	N/A			6.9	20.8					1.6	N/A											
24	0.881	0.957	912	N/A	N/A			6.9	20.5					1.9	N/A											
25	0.877	0.946	907	N/A	N/A			7.0	20.7					2.3	N/A											
26	0.862	0.936	933	N/A	N/A			7.1	19.9	6.2	1.0			2.2	N/A		<0.1									
27	0.874	0.971	1083	N/A	N/A			7.0	19.9					1.9	N/A											
28	0.903	0.963	983	N/A	N/A			7.1	19.9					1.5	N/A											
29	0.862	0.909	1054	N/A	N/A			7.0	20.0					2.4	N/A		<1.8									
30	0.846	0.791	895	N/A	N/A			7.1	19.6					1.5	N/A											

MONTHLY TESTS EFF-001 DISCHARGE TO RIVER

Parameter	Minimum	Normal	Maximum	Phosphorus	Bio Phosphate	Carbon	Sulfide	Chloride	Ammonia	Turbidity % Increase
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MONTHLY TESTS LND-001, REC-001 DISCHARGE TO PERC PONDS and LAND

Organic Nitrogen	TDS	AMMONIA	NITRATE	NITRITE	SODIUM	CHLORIDE	PHOSPHORUS	IRON	HEAVY METALS	CONDUCTIVITY	TURBIDITY	TSS	PERMITS	PERMITS	CONDUCTIVITY	TURBIDITY
1.60	240	ND	340	ND	37	48	220	93	99	ND	98	95	ND	33.1	8.9	

MONTHLY TESTS RSW-001

DATE	ACUTE TOXICITY	% SURVIVAL	Quarterly Tests	Value in light
	Species		Bioassay	
	Rainbow Trout	N/A	Shrimp	N/A

MONTHLY RIVER RSW-002

BOD & TSS	BOD	BOD	BOD	% Removal	TSS	TSS	TSS	% Removal
30 DAY AVERAGE	6	50	98	98	1	11	99	99

Signature: _____

Remarks: _____

EFF-001
REC-001
Quarterly
Permit Expenditure