

Season 2

November, 2022

Outfall 001  
Population 11,800

Permit 102492 File#78415  
Mike Greene Project Manger  
C/IV 8098 // T/IV 7535

Date:	Day of Week	INF Temperature (C)	INF Flow	INF pH	INF BOD5	INF BOD5 Load	INF TSS	INF TSS Load	Tickle Creek Flow Upstream	EFF Flow	Tickle Creek Stream Gauge	Tickle Creek Stream Dilution Ratio	EFF Temperature (C) 5/Week	EFF pH	Tickle Creek Qs_CFS
	Units >	Deg C	MGD	SU	mg/L	LBS/DAY	mg/L	LBS/DAY	MGD	MGD	(ft)		Degrees C	SU	CFS
	Var Type>	P	P	P	P	C	P	C	C	P	P	C	P	P	C
	Index >	7	1	6	2	3	4	5	2300	500	2315	2301	510	508	2316
11/1/2022	Tuesday	17.7	1.86	6.96						1.45					
11/2/2022	Wednesday	17.5	1.88	6.96						1.28					
11/3/2022	Thursday	17.2	1.22	6.91					18.57	1.06	0.60	18.52	17.7	6.48	28.74
11/4/2022	Friday	17.3	2.87	7.11					52.23	2.44	1.10	22.41	18.4	6.67	80.82
11/5/2022	Saturday	16.2	3.40	6.55						3.49			16.7	6.38	
11/6/2022	Sunday	16.3	2.30	6.52						1.89			16.7	6.25	
11/7/2022	Monday	16.1	3.08	6.66	46	1,182	71	1,824	45.38	2.55	1.00	18.80	16.5	6.31	70.22
11/8/2022	Tuesday	16.8	2.11	6.61	9	158	99	1,742	45.38	1.71	1.00	27.54	16.2	6.01	70.22
11/9/2022	Wednesday	16.8	1.72	6.87						1.30			16.2	6.42	
11/10/2022	Thursday	16.4	1.53	7.00						1.37			16.3	6.45	
11/11/2022	Friday	16.1	1.36	7.03						1.02			16.1	6.66	
11/12/2022	Saturday	16.1	1.15	6.94						0.81			16.3	6.55	
11/13/2022	Sunday	15.8	1.02	6.92						0.75			16.2	6.52	
11/14/2022	Monday	15.3	1.29	7.17	209	2,249	218	2,345		0.93			16.1	6.69	
11/15/2022	Tuesday	17.6	0.84	6.87	171	1,198	136	953	16.49	0.55	0.55	30.99	17.1	6.35	25.52
11/16/2022	Wednesday	15.8	0.99	7.31					15.66	0.76	0.53	21.61	15.8	6.84	24.23
11/17/2022	Thursday	15.7	1.17	7.19						0.89			16.2	6.64	
11/18/2022	Friday	17.6	0.81	7.23						0.68			16.7	6.71	
11/19/2022	Saturday	17.5	1.00	7.36						0.64			16.4	6.53	
11/20/2022	Sunday	15.7	0.86	7.22						0.62			16.2	6.75	
11/21/2022	Monday	16.6	0.95	7.18	252	1,997	195	1,545	12.33	0.64	0.45	20.27	16.3	6.55	19.08
11/22/2022	Tuesday	16.6	0.97	7.69	220	1,780	166	1,343	12.33	0.73	0.45	17.89	17.8	6.78	19.08
11/23/2022	Wednesday	16.0	1.08	7.23						0.77			16.8	6.67	
11/24/2022	Thursday	15.6	0.98	6.95						0.72			16.5	6.62	
11/25/2022	Friday	15.8	1.05	7.40						0.79			16.1	6.76	
11/26/2022	Saturday	16.8	1.15	5.56						0.86			16.7	6.50	
11/27/2022	Sunday	15.7	1.42	6.95						1.15			16.5	6.68	
11/28/2022	Monday	14.9	1.90	7.02	140	2,218	105	1,664	35.11	1.49	0.85	24.56	16.6	6.58	54.32
11/29/2022	Tuesday	14.9	1.86	7.20	133	2,063	125	1,939	33.74	1.50	0.83	23.49	15.1	6.45	52.20
11/30/2022	Wednesday	14.0	3.67	6.76						2.90			15.4	6.29	
	Min	14.0	0.81	5.56	9	158	71	953	12.33	0.55	0.45	17.89	15.10	6.01	19.08
	Max	17.7	3.67	7.69	252	2249	218	2345	52.23	3.49	1.10	30.99	18.40	6.84	80.82
	Average	16.3	1.58	6.98	148	1606	139	1669	28.72	1.26	0.74	22.61	16.49	6.54	44.44
	Total		47.49							37.74					

Sandy OR WWTP	Day of Week	EFF BOD	EFF BOD Weekly Average	EFF BOD Loading	EFF Weekly Average BOD Loading	EFF Month-to- Date BOD % Removal	EFF TSS	EFF TSS Weekly Average	EFF TSS Loading	EFF Weekly Average TSS Loading	EFF Month-to- Date TSS % Removal	EFF Ammonia Total (as N)	EFF E Coli MPN/100 mL	EFF UV Transmittance	EFF Ultraviolet Light Intensity
	Units >	mg/L	mg/L	LBS/DAY	LBS/DAY	%	mg/L	mg/L	LBS/DAY	LBS/DAY	%	mg/L	No/100ml	mW/cm2	Mw-sec/cm2
	Var Type>	P	C	C	C	C	P	C	C	C	C	P	P	P	P
	Index >	503	514	504	557	522	501	513	502	556	524	533	518	554	555
11/1/2022	Tuesday												0.0		
11/2/2022	Wednesday												0.0		
11/3/2022	Thursday													98.6	55.8
11/4/2022	Friday													113.7	55.3
11/5/2022	Saturday													66.5	101.0
11/6/2022	Sunday													61.0	103.7
11/7/2022	Monday	5.0		106			13.0		276			7.3		66.9	93.6
11/8/2022	Tuesday	4.0		57			11.0		157			5.7		65.0	79.0
11/9/2022	Wednesday												34.1	66.5	52.6
11/10/2022	Thursday												24.0	65.7	63.9
11/11/2022	Friday													101.2	67.7
11/12/2022	Saturday		4.5		82			12.0		217				65.6	55.8
11/13/2022	Sunday													70.7	51.6
11/14/2022	Monday													248.9	45.4
11/15/2022	Tuesday	10.0		46			12.0		55			17.2		173.1	84.2
11/16/2022	Wednesday	3.0		19			6.0		38			12.4	2,419.2	327.7	69.5
11/17/2022	Thursday												2,419.2	327.7	69.5
11/18/2022	Friday												76.8	327.7	46.2
11/19/2022	Saturday		6.5		32			9.0		47				327.7	30.3
11/20/2022	Sunday													68.0	66.1
11/21/2022	Monday	17.0		91			15.0		80			16.9	218.7	126.7	46.2
11/22/2022	Tuesday	9.0		55			13.0		79			13.8	41.9	182.6	44.4
11/23/2022	Wednesday													121.7	44.4
11/24/2022	Thursday													182.6	44.4
11/25/2022	Friday													91.3	44.4
11/26/2022	Saturday		13.0		73			14.0		80				69.4	67.5
11/27/2022	Sunday													80.1	58.4
11/28/2022	Monday	6.0		75			6.0		75			9.0	17.3	99.3	66.4
11/29/2022	Tuesday	5.0		63			6.0		75			5.3	5.2	99.1	66.3
11/30/2022	Wednesday		5.5		69	95.00		6.0		75	92.65			66.0	88.2
	Min	3.0	4.5	19	32	95	6.0	6.0	38	47	93	5.3	0.0	61.0	30.3
	Max	17.0	13.0	106	82	95	15.0	14.0	276	217	93	17.2	2419.2	327.7	103.7
	Average	7.4	7.4	64	64	95	10.3	10.3	104	104	93	11.0	477.9	134.3	62.9
	Total											87.6	Gmean		