

Outfall 001

Parameter	Flow	Flow	Flow	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5
	Annual Rolling Ave	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max
Units	MGD	MGD	MGD	lb/d	mg/L	lb/d	mg/L	lb/d
Effluent Limit	3.89	Report	Report	811	25	1298	40	1460
Minimum	1.473	1.161	1.445	25	2	29.6	2.4	36
Maximum	1.804	2.101	4.981	79	5.3	135.4	9.3	223
Median	1.5575	1.6335	2.0635	40	2.8	46.8	3.4	50.5
No. of Violations	0	N/A	N/A	0	0	0	0	0
1/31/2019	1.538	1.554	2.716	34	2.6	39.7	2.7	42
2/28/2019	1.529	1.501	1.975	38	3.1	39.5	3.2	41
3/31/2019	1.493	1.424	1.801	46	3.9	54.9	4.4	59
4/30/2019	1.491	1.751	2.771	42	2.7	45.7	3.4	57
5/31/2019	1.517	1.799	2.139	41	2.7	50.2	2.8	47
6/30/2019	1.537	1.532	1.858	35	2.8	44.6	3.4	51
7/31/2019	1.554	1.416	2.08	45	3.7	58.8	5.1	63
8/31/2019	1.545	1.251	1.644	33	3.2	40.6	3.9	47
9/30/2019	1.549	1.28	1.445	51	4.7	94.3	8.7	100
10/31/2019	1.547	1.388	2.396	28	2.4	34.3	2.9	38
11/30/2019	1.507	1.453	1.728	25	2	36.8	2.8	39
12/31/2019	1.493	1.564	2.18	29	2.2	31.2	2.4	42
1/31/2020	1.5	1.636	2.353	40	2.9	42.6	3.2	49
2/29/2020	1.504	1.556	1.868	31	2.5	41.7	3	37
3/31/2020	1.534	1.777	2.062	34	2.3	40.8	2.8	48
4/30/2020	1.55	1.947	2.308	44	2.6	43	2.8	52
5/31/2020	1.543	1.714	2.407	59	4.1	81.5	5.5	93
6/30/2020	1.519	1.25	1.559	25	2.3	32.4	3.1	43
7/31/2020	1.506	1.253	1.471	28	2.6	34	3.1	39
8/31/2020	1.504	1.232	1.644	26	2.4	33.8	2.7	38
9/30/2020	1.494	1.161	1.637	27	2.8	34.9	3.4	36
10/31/2020	1.486	1.288	1.59	28	2.5	29.6	2.8	38
11/30/2020	1.482	1.403	1.899	34	2.9	39.5	3.3	45
12/31/2020	1.487	1.631	2.556	34	2.5	36.1	2.7	45
1/31/2021	1.481	1.564	1.82	36	2.8	40.2	3	43
2/28/2021	1.473	1.453	1.664	35	2.8	43.1	3.6	51
3/31/2021	1.479	1.852	2.419	46	3	58.8	3.8	64
4/30/2021	1.473	1.874	2.291	37	2.5	57.5	3.1	45
5/31/2021	1.477	1.766	2.895	79	5.3	135.4	8.6	210
6/30/2021	1.497	1.485	1.715	35	2.8	40.7	3.4	44
7/31/2021	1.561	2.025	4.981	36	2.3	41.5	2.6	43
8/31/2021	1.609	1.801	3.001	41	2.4	80.5	3.6	93

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Parameter	Flow	Flow	Flow	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5
	Annual Rolling Ave	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max
Units	MGD	MGD	MGD	lb/d	mg/L	lb/d	mg/L	lb/d
Effluent Limit	3.89	Report	Report	811	25	1298	40	1460
9/30/2021	1.632	1.443	2.064	39	3.4	63.8	5.7	100
10/31/2021	1.639	1.369	1.987	47	4.1	54.3	5	62
11/30/2021	1.653	1.57	1.848	44	3.3	52.9	3.8	62
12/31/2021	1.658	1.697	2.094	40	2.9	46.7	3.5	48
1/31/2022	1.666	1.651	2.48	38	2.7	48.7	3	50
2/28/2022	1.699	1.854	3.761	44	3.2	52.3	4.2	56
3/31/2022	1.72	2.101	2.589	47	2.8	57.6	3.8	61
4/30/2022	1.73	1.993	2.421	47	2.8	58.1	3.5	62
5/31/2022	1.72	1.65	1.9	47	3.5	51.4	3.7	60
6/30/2022	1.725	1.542	2.006	49	3.8	74.9	6.2	87
7/31/2022	1.677	1.451	1.788	54	4.2	88.8	6.9	132
8/31/2022	1.655	1.533	1.81	31	2.4	37.6	2.9	46
9/30/2022	1.674	1.673	1.953	74	5	89.1	5.8	111
10/31/2022	1.707	1.769	2.499	44	3.1	61.1	4.4	64
11/30/2022	1.719	1.709	2.039	59	4.1	129.9	9.3	223
12/31/2022	1.745	2.011	2.809	40	2.5	43.1	2.7	45
1/31/2023	1.773	1.989	2.556	64	4.1	79.2	4.6	84
2/28/2023	1.756	1.651	1.879	45	3.3	69.3	4.9	61
3/31/2023	1.738	1.888	3.219	39	2.5	52.7	4.1	50
4/30/2023	1.729	1.882	2.349	38	2.4	41.7	2.5	45
5/31/2023	1.732	1.687	2.46	41	2.9	49.9	3.4	54
6/30/2023	1.725	1.457	2.034	44	3.6	44.4	3.9	72
7/31/2023	1.779	2.101	3.272	65	3.3	95.8	4.2	101
8/31/2023	1.804	1.832	2.368	42	2.8	62	4.2	68
9/30/2023	1.803	1.655	2.063	38	2.7	40.8	2.9	50
10/31/2023	1.781	1.507	1.834	39	3	38.5	3.3	50
11/30/2023	1.767	1.548	2.043	38	2.9	46.9	3.3	49
12/31/2023	1.761	1.935	2.849	63	3.5	101	5	135

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Parameter	CBOD5	CBOD5	TSS	TSS	TSS	TSS	TSS	TSS
	Daily Max	Monthly Ave Min	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max
Units	mg/L	%	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L
Effluent Limit	45	85	973	30	1460	45	1622	50
Minimum	2.6	98	15	1.1	23.1	1.4	22	1.6
Maximum	15.6	99	91	7.6	232.7	21.4	255	22.7
Median	3.8	99	42	3.2	57.4	4.45	70	5.3
No. of Violations	0	0	0	0	0	0	0	0
1/31/2019	2.9	99	91	7.6	232.7	21.4	255	22.7
2/28/2019	3.8	99	40	3.3	58	4.5	61	5
3/31/2019	4.8	99	57	4.9	65	5.7	66	6
4/30/2019	3.8	99	68	4.4	77.8	5.7	113	6
5/31/2019	3	99	42	2.8	84.1	4.5	57	3.6
6/30/2019	3.7	99	76	6.1	106	8.4	118	9.2
7/31/2019	5.2	98	48	4	61.4	5.2	68	6
8/31/2019	4.2	99	40	3.9	47.3	4.6	58	5.2
9/30/2019	8.8	99	75	6.8	152.5	14	172	14.8
10/31/2019	3.3	99	36	3.2	38.3	3.4	82	6.4
11/30/2019	3	99	33	2.7	55	4.2	63	4.8
12/31/2019	3	99	33	2.5	35.7	2.4	45	3.6
1/31/2020	3.3	99	38	2.7	43.8	3.4	66	4.4
2/29/2020	2.9	99	48	3.7	56.5	4.4	88	6.4
3/31/2020	3.4	99	29	1.9	41.4	2.8	60	4
4/30/2020	3.2	99	66	4.1	111	7.2	118	7.6
5/31/2020	6.2	98	80	5.5	122.6	8	141	8.8
6/30/2020	3.9	99	26	2.3	30.1	2.8	52	4
7/31/2020	3.6	99	40	3.8	48.6	4.4	54	4.8
8/31/2020	2.8	99	36	3.4	51	5	63	6.4
9/30/2020	3.7	99	30	3	48	5.1	61	5.3
10/31/2020	3	99	29	2.7	38.4	3.8	56	5.6
11/30/2020	3.8	99	37	3.1	45.7	3.8	54	4.4
12/31/2020	3.2	99	28	2	35.4	2.6	56	4
1/31/2021	3.2	99	26	2.1	42.9	3.4	48	4
2/28/2021	4.1	99	23	1.9	34	2.8	43	3.6
3/31/2021	4	99	50	3.1	72.4	4.6	129	7.2
4/30/2021	3.4	99	42	2.9	82	4.2	70	5.3
5/31/2021	13.1	98	77	5.3	96.3	7	117	8.4
6/30/2021	3.6	99	53	4.2	92.8	7	111	8.4
7/31/2021	2.6	99	50	3.2	95.1	5.8	120	7.2
8/31/2021	3.7	99	41	2.6	53.5	3.2	60	4

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Parameter	CBOD5	CBOD5	TSS	TSS	TSS	TSS	TSS	TSS
	Daily Max	Monthly Ave Min	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max
Units	mg/L	%	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L
Effluent Limit	45	85	973	30	1460	45	1622	50
9/30/2021	9.1	99	50	4.2	64.4	5.6	93	8
10/31/2021	5.1	99	46	4	71.2	6.4	61	4.8
11/30/2021	4.6	99	43	3.2	78.9	5.8	134	10
12/31/2021	3.4	99	50	3.5	57	4.2	99	7.2
1/31/2022	3.3	99	28	2	51.1	3.6	38	2.8
2/28/2022	4.5	99	47	3.4	49.8	3.8	63	4.8
3/31/2022	3.8	99	40	2.3	53.6	3	70	4
4/30/2022	3.8	99	68	4.1	94.6	5.4	101	6
5/31/2022	4.9	99	63	4.6	83.5	6	95	8
6/30/2022	7.2	99	79	6.1	125	10.4	145	12
7/31/2022	10.1	99	60	4.6	97.7	7	137	9.2
8/31/2022	3.5	99	29	2.3	36.9	2.8	53	4
9/30/2022	6.8	99	67	4.5	99.8	6.6	125	8
10/31/2022	4.7	99	58	4.2	120.7	8.7	142	10
11/30/2022	15.6	99	48	3.3	59.8	4.4	73	4.8
12/31/2022	2.7	99	24	1.5	50.8	3.2	48	3
1/31/2023	5.4	98	35	2.3	44.4	2.6	71	4.7
2/28/2023	4.3	99	15	1.1	47.1	3.4	22	1.6
3/31/2023	3.1	99	17	1.1	23.1	1.4	27	1.6
4/30/2023	2.8	99	22	1.4	25.3	1.6	32	2
5/31/2023	4	99	29	2.1	38.3	2.6	44	3.6
6/30/2023	5	99	33	2.5	29.3	2.5	74	4.7
7/31/2023	5.3	98	62	3	80	4.4	128	5
8/31/2023	4.6	99	35	2.2	86.9	5	139	8
9/30/2023	3.5	99	51	3.6	67.7	5.2	89	6.8
10/31/2023	3.5	99	47	3.7	57.8	4.8	77	6
11/30/2023	3.2	99	25	1.9	31.1	2.2	40	2.8
12/31/2023	6.2	99	58	3.3	98.7	4.8	148	6.8

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Parameter	TSS	pH	pH	E. coli	E. coli	TRC	TRC	DO
	Monthly Ave Min	Minimum	Maximum	Monthly Geometric Mean	Daily Max	Monthly Ave	Daily Max	Minimum
Units	%	SU	SU	CFU/100mL	CFU/100mL	mg/L	mg/L	mg/L
Effluent Limit	85	6.5	8	126	406	0.072	0.123	7
Minimum	97	6.8	7.2	1.1	2	0	0	7
Maximum	100	7.3	7.7	10.8	235.9	0	0	9.1
Median	99	7	7.4	2.8	15.05	0	0	7.7
No. of Violations	0	0	0	0	0	0	0	0
1/31/2019	98	6.9	7.4	10	235.9	0	0	8.6
2/28/2019	100	7	7.5	3	15.5	0	0	8.7
3/31/2019	99	7	7.6	8.4	161.6	0	0	8.9
4/30/2019	99	7	7.5	1.7	6.3	0	0	8.6
5/31/2019	100	7.2	7.5	4.8	26.2	0	0	8.3
6/30/2019	99	7.1	7.5	1.1	4.1	0	0	7
7/31/2019	99	6.9	7.6	2.7	75.9	0	0	7
8/31/2019	99	7.2	7.6	3.5	13.4	0	0	7.1
9/30/2019	99	7.3	7.5	2.2	7.1	0	0	7.1
10/31/2019	99	7.1	7.5	4.4	10.9	0	0	7.8
11/30/2019	99	7.3	7.5	3.7	8.5	0	0	8.3
12/31/2019	100	7	7.5	3	14.4	0	0	8.6
1/31/2020	100	7	7.4	2.3	8.6	0	0	8.7
2/29/2020	99	7.2	7.4	2.5	48	0	0	9.1
3/31/2020	100	7.1	7.4	1.2	2	0	0	9
4/30/2020	99	7.1	7.4	1.9	37.3	0	0	8.9
5/31/2020	98	7	7.4	2.6	20.9	0	0	7.8
6/30/2020	100	6.8	7.4	1.4	4.1	0	0	7.3
7/31/2020	99	7	7.5	4	34.3	0	0	7
8/31/2020	99	7.2	7.6	5	50.4	0	0	7.1
9/30/2020	99	7	7.5	2.8	9.7	0	0	7.3
10/31/2020	99	7.1	7.4	5.2	14.6	0	0	7.2
11/30/2020	99	7.2	7.5	5.5	13.5	0	0	7.8
12/31/2020	99	7.2	7.6	4.9	17.3	0	0	8.3
1/31/2021	100	7.2	7.6	2.9	35	0	0	9
2/28/2021	99	7.2	7.7	2.8	21.3	0	0	9.1
3/31/2021	99	7.1	7.5	2.2	8.4	0	0	8.8
4/30/2021	99	7	7.4	1.8	5.2	0	0	8.5
5/31/2021	98	6.8	7.5	5.2	28.8	0	0	7.2
6/30/2021	99	6.9	7.2	1.5	14.4	0	0	7
7/31/2021	99	7	7.3	1.3	3.1	0	0	7
8/31/2021	99	7	7.4	2.2	31.1	0	0	7.4

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Parameter	TSS	pH	pH	E. coli	E. coli	TRC	TRC	DO
	Monthly Ave Min	Minimum	Maximum	Monthly Geometric Mean	Daily Max	Monthly Ave	Daily Max	Minimum
Units	%	SU	SU	CFU/100mL	CFU/100mL	mg/L	mg/L	mg/L
Effluent Limit	85	6.5	8	126	406	0.072	0.123	7
9/30/2021	99	7.2	7.6	2.7	30.5	0	0	7.2
10/31/2021	99	7.1	7.5	4.1	8.6	0	0	7.2
11/30/2021	98	7	7.2	7.9	18.7	0	0	7.4
12/31/2021	99	7	7.3	1.9	7.3	0	0	7.7
1/31/2022	99	6.9	7.2	3.7	13.4	0	0	8.5
2/28/2022	97	6.9	7.4	1.5	3	0	0	7.2
3/31/2022	98	6.9	7.2	1.8	7.5	0	0	8
4/30/2022	99	7	7.3	1.4	5.2	0	0	8.4
5/31/2022	98	7	7.4	1.4	35.8	0	0	7
6/30/2022	97	7.1	7.4	1.6	5	0	0	7.1
7/31/2022	99	7.1	7.6	2.8	16.8	0	0	7
8/31/2022	99	7	7.5	2.3	9.8	0	0	7
9/30/2022	99	7.2	7.6	7	66.3	0	0	7.2
10/31/2022	98	7.1	7.6	7.8	16.9	0	0	7.5
11/30/2022	100	7.1	7.4	3.5	9.6	0	0	7.7
12/31/2022	100	7	7.4	1.5	22.8	0	0	8.1
1/31/2023	99	7	7.3	10.8	44.1	0	0	8
2/28/2023	100	7	7.3	10.3	48	0	0	8.1
3/31/2023	100	7	7.4	2	22.6	0	0	7.8
4/30/2023	99	6.8	7.5	1.4	3.1	0	0	7.7
5/31/2023	99	7	7.3	1.3	7.5	0	0	7.2
6/30/2023	99	7	7.5	1.6	9.8	0	0	7
7/31/2023	99	7	7.4	3.9	8.6	0	0	7
8/31/2023	99	7	7.5	5	20.1	0	0	7.2
9/30/2023	99	7.1	7.4	6.1	18.9	0	0	7
10/31/2023	98	7.1	7.4	5.6	17.5	0	0	7
11/30/2023	100	7	7.4	10.1	21.6	0	0	7.8
12/31/2023	98	6.9	7.3	4.4	128.1	0	0	7.7

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Parameter	Ammonia	Ammonia	Ammonia	Ammonia	Ammonia	TKN	TKN	TKN
	Monthly Ave	Monthly Ave	Daily Max	Daily Max	Daily Max	Monthly Ave	Monthly Ave	Daily Max
Units	mg/L	mg/L	lb/d	mg/L	mg/L	lb/d	mg/L	lb/d
Effluent Limit	10.9	7.2	Report	11.3	Report	Report	Report	Report
Minimum	0	0.1	0.8	0.1	0.07	13.3	1	13.3
Maximum	0.9	0.4	46.6	0.9	3.2	58.9	4.2	97.3
Median	0.1	0.1	2.8	0.2	0.2	24.15	1.8	28.8
No. of Violations	0	0	N/A	0	N/A	N/A	N/A	N/A
1/31/2019	0.2		7.5		0.7	13.3	1	13.3
2/28/2019	0.9		37.5		2.8	55.1	4.2	55.1
3/31/2019	0		0.9		0.1	26.6	2.2	31.3
4/30/2019	0.1		16.4		0.9	21.5	1.4	24.5
5/31/2019	0		1		0.1	21.6	1.4	24.2
6/30/2019		0.2		0.4		28.5	2.3	41
7/31/2019		0.4		0.9		36.7	3	42.2
8/31/2019		0.1		0.2		22.4	2.1	24.8
9/30/2019		0.2		0.2		25.7	2.2	33.6
10/31/2019		0.1		0.1		18.4	1.9	18.4
11/30/2019	0.1		1		0.1	18.4	1.4	18.4
12/31/2019	0		0.9		0.1	16.2	1.3	16.2
1/31/2020	0.1		1.2		0.1	23.3	1.7	23.3
2/29/2020	0		0.8		0.1	22.5	1.7	22.5
3/31/2020	0.04		1.1		0.07	20.7	1.4	23.1
4/30/2020	0.07		2.9		0.15	23	1.3	33
5/31/2020	0.1		3		0.2	31.5	2.1	38.9
6/30/2020		0.1		0.2		16.7	1.4	19.5
7/31/2020		0.1		0.2		19.1	1.7	23.5
8/31/2020		0.2		0.6		22	2	32.5
9/30/2020		0.1		0.2		16.8	1.7	24.9
10/31/2020		0.1		0.1		16	1.6	16
11/30/2020	0.1		1.7		0.1	17.9	1.5	17.9
12/31/2020	0.1		1.9		0.1	19.4	1.3	19.4
1/31/2021	0.1		1.3		0.1	21.3	1.6	21.3
2/28/2021	0.1		0.9		0.1	19.9	1.6	19.9
3/31/2021	0		1.2		0.1	28.7	1.8	38.3
4/30/2021	0		0.8		0.1	23.1	1.5	29.5
5/31/2021	0.9		46.3		3.2	44.2	3	86.7
6/30/2021		0.2		0.3		26.3	2	37.4
7/31/2021		0.2		0.3		26.3	1.6	36.4
8/31/2021		0.1		0.1		30.9	1.8	47.6

Outfall 001

Parameter	Ammonia	Ammonia	Ammonia	Ammonia	Ammonia	TKN	TKN	TKN
	Monthly Ave	Monthly Ave	Daily Max	Daily Max	Daily Max	Monthly Ave	Monthly Ave	Daily Max
Units	mg/L	mg/L	lb/d	mg/L	mg/L	lb/d	mg/L	lb/d
Effluent Limit	10.9	7.2	Report	11.3	Report	Report	Report	Report
9/30/2021		0.1		0.2		23.3	2	31.3
10/31/2021		0.1		0.2		24.1	2.1	24.1
11/30/2021	0.2		3.7		0.3	18.4	1.4	18.4
12/31/2021	0.1		2.2		0.2	38.5	2.8	38.5
1/31/2022	0.1		1.9		0.1	20.8	1.1	20.8
2/28/2022	0.1		2.6		0.2	21.7	1.7	21.7
3/31/2022	0.6		46.6		2.7	42.5	2.5	97.3
4/30/2022	0.1		1.4		0.1	33.5	2	45.8
5/31/2022	0.2		4.1		0.3	43.3	3	50.3
6/30/2022		0.4		0.6		42	3.3	59.1
7/31/2022		0.2		0.3		27.3	2.1	31.5
8/31/2022		0.2		0.2		25.4	2	32.7
9/30/2022		0.1		0.2		30.3	2.1	50.1
10/31/2022		0.1		0.1		32.6	2.4	32.6
11/30/2022	0.1		3		0.2	28.6	2	28.6
12/31/2022	0.2		5.3		0.3	28	1.7	28
1/31/2023	0.1		3		0.2	43.2	2.5	43.2
2/28/2023	0.2		6.8		0.5	25.4	1.8	25.4
3/31/2023	0.1		4.1		0.2	28.9	1.9	30.9
4/30/2023	0.1		4.6		0.3	24.5	1.5	27.3
5/31/2023	0.1		3.4		0.3	24.2	1.7	29
6/30/2023		0.2		0.3		31.7	2.5	42.9
7/31/2023		0.1		0.1		33.9	1.7	39.2
8/31/2023		0.1		0.1		20.1	1.3	25.8
9/30/2023		0.1		0.2		22	1.5	27.5
10/31/2023		0.1		0.2		20.1	1.6	20.1
11/30/2023	0.1		2.8		0.2	23.3	1.8	23.3
12/31/2023	0.2		9.7		0.6	58.9	2.7	58.9

Outfall 001

Parameter	TKN	TN	TN	TN	TN	Nitrite+Nitrate	Nitrite+Nitrate
	Daily Max	Monthly Ave	Monthly Ave	Daily Max	Daily Max	Monthly Ave	Monthly Ave
Units	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L
Effluent Limit	Report	Report	Report	Report	Report	Report	Report
Minimum	1	86.8	5	99.1	6.2	44.3	2.6
Maximum	5.9	244.8	20.6	269.1	20.6	214.6	19
Median	2	165.95	11.8	174.55	12.7	137.9	9.95
No. of Violations	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/31/2019	1	137.3	10.3	137.3	10.3	123.9	9.3
2/28/2019	4.2	144.4	11	144.4	11	89.3	6.8
3/31/2019	2.7	98.5	8.1	107.6	9.1	71.8	5.9
4/30/2019	1.5	96.4	6.2	120.6	8.2	74.9	4.8
5/31/2019	1.5	148.9	10	161.4	12.4	127.2	8.5
6/30/2019	3.2	213.8	16.9	245.8	19.2	185.2	14.6
7/31/2019	3.5	179.3	14.5	227.3	17.1	142.8	11.5
8/31/2019	2.3	181.6	16.8	186.8	17.3	159.2	14.8
9/30/2019	2.9	213.4	18.2	227.3	19.1	187.7	16
10/31/2019	1.9	173	17.9	173	17.9	154.7	16
11/30/2019	1.4	175.7	13.4	175.7	13.4	157.3	12
12/31/2019	1.3	133.1	10.7	133.1	10.7	117	9.4
1/31/2020	1.7	160.4	11.7	160.4	11.7	137.1	10
2/29/2020	1.7	168	12.7	168	12.7	145.5	11
3/31/2020	1.6	136.8	9	180.6	11	116	7.6
4/30/2020	1.9	203	11.9	255	14.5	180	10.5
5/31/2020	2.6	164.4	11	192	12.2	132.9	8.9
6/30/2020	1.6	187.6	16.2	201.5	17.5	170.8	14.8
7/31/2020	2.1	170.8	15.5	182.2	16.6	151.7	13.8
8/31/2020	3	166.2	15.3	184.4	17.1	144.2	13.3
9/30/2020	2.7	173.2	17.5	199.9	19.6	156.4	15.8
10/31/2020	1.6	205.5	20.6	205.5	20.6	189.5	19
11/30/2020	1.5	197.2	16.5	197.2	16.5	179.3	15
12/31/2020	1.3	198.1	13.3	198.1	13.3	178.7	12
1/31/2021	1.6	138.7	10.4	138.7	10.4	117.4	8.8
2/28/2021	1.6	137.1	11	137.1	11	117.1	9.4
3/31/2021	2.3	115.9	7.4	141.2	10.4	87.2	5.6
4/30/2021	1.7	139.3	9.2	161.7	10	116.2	7.7
5/31/2021	5.9	115	7.8	136.7	10.4	70.8	4.8
6/30/2021	2.7	188.2	14.6	236.6	19.8	183.6	14.4
7/31/2021	1.9	188.9	11.6	216.7	12.6	162.6	10
8/31/2021	2.2	186.8	11.7	211	14.2	155.9	9.8

Outfall 001

Parameter	TKN	TN	TN	TN	TN	Nitrite+Nitrate	Nitrite+Nitrate
	Daily Max	Monthly Ave	Monthly Ave	Daily Max	Daily Max	Monthly Ave	Monthly Ave
Units	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L
Effluent Limit	Report	Report	Report	Report	Report	Report	Report
9/30/2021	2.6	142.4	11.9	156.7	13.1	119	9.9
10/31/2021	2.1	162	14.1	162	14.1	137.9	12
11/30/2021	1.4	126.3	9.6	126.3	9.6	107.8	8.2
12/31/2021	2.8	173.4	12.6	173.4	12.6	134.9	9.8
1/31/2022	1.1	128.6	6.8	128.6	6.8	107.8	5.7
2/28/2022	1.7	137.6	10.8	137.6	10.8	116	9.1
3/31/2022	5.6	86.8	5	120.6	7.3	44.3	2.6
4/30/2022	2.5	89	5.3	99.1	6.2	55.6	3.3
5/31/2022	4.1	166.9	11.6	191.6	14.1	123.6	8.5
6/30/2022	4.9	202.6	15.7	224	16.7	160.7	12.4
7/31/2022	2.4	179.8	13.8	193.9	15.7	152.4	11.7
8/31/2022	2.4	192.9	15	210.1	15.6	167.4	13
9/30/2022	3.2	244.8	16.8	269.1	19.1	214.6	14.8
10/31/2022	2.4	236.4	17.4	236.4	17.4	203.8	15
11/30/2022	2	171.8	12	171.8	12	143.2	10
12/31/2022	1.7	209.2	12.7	209.2	12.7	181.2	11
1/31/2023	2.5	146.7	8.5	146.7	8.5	103.6	6
2/28/2023	1.8	100.2	7.1	100.2	7.1	74.8	5.3
3/31/2023	2.1	118.1	7.7	150.3	10.2	89.2	5.8
4/30/2023	1.6	131.9	7.9	157.6	9.6	107.4	6.5
5/31/2023	2	145	10.2	161.5	14	120.8	8.6
6/30/2023	3	217.5	17.5	231.1	20.2	185.8	15
7/31/2023	2	162	8	218	8.9	128.1	6.3
8/31/2023	1.7	157.3	10.3	208.1	13.7	137.1	9
9/30/2023	1.6	173.8	12.2	198.9	15.3	151.8	10.7
10/31/2023	1.6	157.9	12.6	157.9	12.6	137.9	11
11/30/2023	1.8	165.7	12.8	165.7	12.8	142.4	11
12/31/2023	2.7	215.9	9.9	215.9	9.9	157	7.2

Outfall 001

Parameter	Nitrite+Nitrate	Nitrite+Nitrate	TP	TP	TP	TP	TP
	Daily Max	Daily Max	Monthly Ave	Monthly Ave	Monthly Ave	Daily Max	Daily Max
Units	lb/d	mg/L	lb/d	lb/d	mg/L	lb/d	mg/L
Effluent Limit	Report	Report	17	Report	Report	Report	Report
Minimum	70.3	4.4	1.9	1.5	0.1	1.9	0.1
Maximum	252.7	19	13.7	24.2	1.6	32.7	1.9
Median	153.7	11	5.25	6.8	0.5	6.95	0.5
No. of Violations	N/A	N/A	0	N/A	N/A	N/A	N/A
1/31/2019	123.9	9.3		1.8	0.1	2	0.1
2/28/2019	89.3	6.8		1.6	0.1	1.9	0.1
3/31/2019	78.6	7		1.5	0.1	1.9	0.2
4/30/2019	98.5	6.7		2.5	0.2	2.5	0.2
5/31/2019	141.3	11		4.7	0.3	5.1	0.3
6/30/2019	204.8	16		6.8	0.5	8.1	0.7
7/31/2019	185.7	14		5.5	0.4	6.7	0.5
8/31/2019	162	15		6	0.6	6.6	0.6
9/30/2019	204.4	17		5.4	0.5	5.5	0.5
10/31/2019	154.7	16		7	0.7	9.7	0.9
11/30/2019	157.3	12		5.1	0.4	5.9	0.5
12/31/2019	117	9.4		7.3	0.6	12.2	0.9
1/31/2020	137.1	10		2	0.1	2.4	0.2
2/29/2020	145.5	11		2.9	0.2	2.9	0.2
3/31/2020	161.7	9.4		2.7	0.2	2.7	0.2
4/30/2020	221	12.6		2.6	0.15	2.7	0.16
5/31/2020	166.2	9.7		6.4	0.4	6.9	0.4
6/30/2020	182	16		3.8	0.3	4	0.3
7/31/2020	164.6	15		4.1	0.4	4.3	0.4
8/31/2020	161.8	15		6.4	0.6	7	0.6
9/30/2020	183.6	18		7.7	0.8	9	1
10/31/2020	189.5	19	13.7		1.4	19	1.9
11/30/2020	179.3	15		9.2	0.8	11	0.9
12/31/2020	178.7	12		15.3	1.1	16.8	1.2
1/31/2021	117.4	8.8		12.5	1	16.7	1.4
2/28/2021	117.1	9.4		9.1	0.8	9.2	0.8
3/31/2021	117.8	9		10	0.7	10.2	0.8
4/30/2021	137.5	8.6	2.1		0.1	2.6	0.2
5/31/2021	101.2	7.7	1.9		0.1	2.1	0.1
6/30/2021	215.1	18	3.8		0.3	4.9	0.4
7/31/2021	182.9	11	4		0.3	4.5	0.3
8/31/2021	178.3	12	2.7		0.1	4.8	0.2

Outfall 001

Parameter	Nitrite+Nitrate	Nitrite+Nitrate	TP	TP	TP	TP	TP
	Daily Max	Daily Max	Monthly Ave	Monthly Ave	Monthly Ave	Daily Max	Daily Max
Units	lb/d	mg/L	lb/d	lb/d	mg/L	lb/d	mg/L
Effluent Limit	Report	Report	17	Report	Report	Report	Report
9/30/2021	136.3	11	5.1		0.4	6.9	0.6
10/31/2021	137.9	12	5		0.5	6.1	0.5
11/30/2021	107.8	8.2		7.1	0.6	8.5	0.7
12/31/2021	134.9	9.8		14.4	1	17.9	1.3
1/31/2022	107.8	5.7		9.7	0.6	13.8	0.7
2/28/2022	116	9.1		19.9	1.6	20.4	1.6
3/31/2022	104.1	6.3		4.8	0.3	7.1	0.4
4/30/2022	70.3	4.4	2.4		0.1	2.7	0.2
5/31/2022	152.7	10	2.1		0.1	2.2	0.1
6/30/2022	185.5	13.8	9.9		0.8	10.7	0.8
7/31/2022	164	14	5.6		0.5	6.8	0.6
8/31/2022	177.4	14	5.9		0.4	8.1	0.6
9/30/2022	252.7	18	11.7		0.8	23.2	1.7
10/31/2022	203.8	15	7.4		0.6	11.4	0.8
11/30/2022	143.2	10		6.8	0.5	6.9	0.5
12/31/2022	181.2	11		12	0.7	16.5	1
1/31/2023	103.6	6		8.2	0.5	8.3	0.5
2/28/2023	74.8	5.3		11.3	0.8	14.6	1
3/31/2023	119.4	8.1		14	1	14.7	1
4/30/2023	133.2	8.2	2.9		0.2	3.6	0.2
5/31/2023	134.8	12	3.5		0.2	4.6	0.3
6/30/2023	205.7	18	5.9		0.5	7.1	0.6
7/31/2023	178.8	7.3	7		0.3	7.2	0.4
8/31/2023	182.2	12	6.5		0.4	7.3	0.4
9/30/2023	182	14	7.3		0.5	8.1	0.5
10/31/2023	137.9	11	5.4		0.4	6.2	0.5
11/30/2023	142.4	11		19.9	1.6	20.3	1.6
12/31/2023	157	7.2		24.2	1.2	32.7	1.5

Outfall 001

Parameter	Copper	
	Monthly Ave	Daily Max
Units	ug/L	ug/L
Effluent Limit	17.32	24.64
Minimum	5	5
Maximum	13	16
Median	8	9
No. of Violations	0	0
1/31/2019	9	9
2/28/2019	11	11
3/31/2019	11	12
4/30/2019	9	9
5/31/2019	7	8
6/30/2019	11	13
7/31/2019	12	14
8/31/2019	10	10
9/30/2019	10	11
10/31/2019	9	10
11/30/2019	7	7
12/31/2019	7	8
1/31/2020	9	9
2/29/2020	11	11
3/31/2020	10	11
4/30/2020	7.7	7.9
5/31/2020	10	11
6/30/2020	10	10
7/31/2020	13	16
8/31/2020	8	8
9/30/2020	9	10
10/31/2020	6	11
11/30/2020	10	12
12/31/2020	7	8
1/31/2021	9	10
2/28/2021	10	10
3/31/2021	12	12
4/30/2021	8	9
5/31/2021	6	6
6/30/2021	8	9
7/31/2021	6	7
8/31/2021	6	7

Outfall 001

Parameter	Copper	
	Monthly Ave	Daily Max
Units	ug/L	ug/L
Effluent Limit	17.32	24.64
9/30/2021	8	10
10/31/2021	7	8
11/30/2021	6	6
12/31/2021	9	10
1/31/2022	7	7
2/28/2022	9	10
3/31/2022	8	10
4/30/2022	8	9
5/31/2022	7	7
6/30/2022	9	10
7/31/2022	7	8
8/31/2022	8	10
9/30/2022	8	10
10/31/2022	7	9
11/30/2022	7	8
12/31/2022	6	7
1/31/2023	7	7
2/28/2023	6	7
3/31/2023	7	7
4/30/2023	5	5
5/31/2023	6	6
6/30/2023	11	11
7/31/2023	7	7
8/31/2023	6	6
9/30/2023	7	7
10/31/2023	8	8
11/30/2023	9	9
12/31/2023	8	9

WET Effluent

Parameter	C-NOEC Chronic Ceriodaphnia	LC50 Statre 48Hr Acute Ceriodaphnia	LC50 Statre 48Hr Acute Pimephales	Noel 7Day Chronic Pimephales	Aluminum	Cadmium	Copper
	Daily Min	Daily Min	Daily Min	Daily Min	Daily Max	Daily Max	Daily Max
Units	%	%	%	%	mg/L	mg/L	mg/L
Effluent Limit	15.4	100	100	15.4	Report	Report	Report
Minimum	100	100	100	15.4	0.041	0	0.0053
Maximum	100	100	100	100	1.92	0	0.016
Median	100	100	100	100	0.2885	0	0.0078
No. of Violations	0	0	0	0	N/A	N/A	N/A
9/30/2019	100	100	100	15.4	1.92	0	0.014
12/31/2019	100	100	100	100	0.48	0	0.0096
9/30/2020	100	100	100	100	0.91	0	0.016
12/31/2020	100	100	100	100	0.28	0	0.0078
9/30/2021	100	100	100	100	1.05	0	0.0072
12/31/2021	100	100	100	50	0.297	0	0.00628
9/30/2022	100	100	100	100	0.1575	0	0.0078
12/31/2022	100	100	100	100	0.149	0	0.0062
9/30/2023	100	100	100	100	0.2	0	0.0053
12/31/2023	100	100	100	100	0.041	0	0.0089

WET Effluent

Parameter	Lead	Nickel	Zinc	Hardness
	Daily Max	Daily Max	Daily Max	Daily Max
Units	mg/L	mg/L	mg/L	mg/L
Effluent Limit	Report	Report	Report	Report
Minimum	0	0.0012	0.01	81
Maximum	0.0011	0.0023	0.054	110
Median	0.000295	0.001485	0.021	95.5
No. of Violations	N/A	N/A	N/A	N/A
9/30/2019	0.0003	0.0023	0.021	94
12/31/2019	0	0.0019	0.025	86
9/30/2020	0.0011	0.0019	0.054	81
12/31/2020	0.0004	0.0016	0.023	96
9/30/2021	0.000647	0.00149	0.0166	110
12/31/2021	0.000342	0.00148	0.0208	97.2
9/30/2022	0	0.0013	0.021	82.5
12/31/2022	0.00029	0.0012	0.023	104
9/30/2023	0	0.0012	0.01	110
12/31/2023	0	0.0013	0.014	95

WET Ambient

Parameter	pH	Ammonia	Aluminum	Cadmium	Copper	Lead	Nickel	Zinc
	Daily Max	Daily Max	Daily Max	Daily Max	Daily Max	Daily Max	Daily Max	Daily Max
Units	S.U.	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Effluent Limit	Report	Report	Report	Report	Report	Report	Report	Report
Minimum	6.78	0.041	0.041	0	0.00108	0	0	0
Maximum	7.48	0.87	0.87	0	0.00346	0.000959	0.0016	0.0088
Median	6.975	0.13	0.13	Non-Detect	0.0014	0.0002	Non-Detect	0.00505
No. of Violations	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/30/2019	7.12	0	0.1	<0.0001	0.0013	0.0005	0.0005	0.0048
12/31/2019	7.48	0	0.041	<0.0003	0.0012	<0.0003	<0.001	0.0056
9/30/2020	7.03	0	0.14	<0.0003	0.0013	0.0004	<0.001	0.0088
12/31/2020	6.82	0	0.18	<0.0003	0.0015	0.0005	<0.001	0.0042
9/30/2021	6.78	0	0.446	<0.0001	0.00346	0.000959	0.00109	0.00757
12/31/2021	6.8	0	0.0533	<0.0001	0.00108	<0.0002	0.000414	0.00337
9/30/2022	7.28	0	0.094	<0.0005	0.0012	<0.0005	<0.001	<0.005
12/31/2022	6.92	0	0.87	<0.0005	0.0023	<0.0005	<0.001	<0.005
9/30/2023	7.04	0	0.12	<0.0005	0.0025	<0.0005	<0.001	0.0053
12/31/2023	6.9	0.058	0.25	<0.0005	0.0029	0.0009	0.0016	0.0072

WET Ambient

Parameter	Hardness
	Daily Max
Units	mg/L
Effluent Limit	Report
Minimum	14.8
Maximum	37
Median	24.05
No. of Violations	N/A
9/30/2019	25
12/31/2019	37
9/30/2020	31
12/31/2020	23
9/30/2021	14.8
12/31/2021	23.1
9/30/2022	37
12/31/2022	28
9/30/2023	21
12/31/2023	20

Ambient Phosphorus

Parameter	Total Phosphorus
Units	mg/L
Site	1,000 ft upstream
Minimum	0.015
Maximum	0.092
Median	0.0178
7/31/2019	0.0185
7/31/2020	0.055
9/30/2020	0.015
8/31/2021	0.092
8/31/2022	0.017
8/31/2023	0.0165