

Outfall 001

Parameter	Flow	Flow	Flow	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5
	Annual Rolling Ave	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Monthly Ave	Monthly Ave	Weekly Ave
Units	MGD	MGD	MGD	lb/d	lb/d	mg/L	mg/L	lb/d
Effluent Limit	2.15	Report	Report	126	179	10	7	251
Minimum	1.19	0.82	0.92	16	19.9	1.6	1.9	37.2
Maximum	1.61	2.01	4.49	65.2	92.6	7.1	6.7	128.5
Median	1.395	1.475	1.8	35.2	42.6	3.9	3.8	53.2
No. of Violations	0	N/A	N/A	0	0	0	0	0
1/31/2019		1.59	2.85		23.4	1.8		
2/28/2019		1.47	1.67		19.9	1.6		
3/31/2019		1.49	1.82		36	2.9		
4/30/2019		1.8	2.91		29.8	2		
5/31/2019		1.66	2.08		36.1	2.6		
6/30/2019		1.27	1.5	21.7			2	36.4
7/31/2019		1.08	1.36	21			2.2	32.8
8/31/2019		0.98	1.11	25			3	36.8
9/30/2019		0.91	0.99	23.3			2.9	41.1
10/31/2019		0.99	1.2	16			1.9	25.2
11/30/2019		1.14	1.52		20.4	2.1		
12/31/2019		1.93	3.45		65.6	4.3		
1/31/2020		1.82	2.26		24.3	1.6		
2/29/2020		1.64	2.52		28.8	2		
3/31/2020		1.73	2.5		33.2	2.3		
4/30/2020		2.01	2.52		39.9	2.3		
5/31/2020		1.53	2.18		29.9	2.3		
6/30/2020		1.08	1.21	28.8			3.2	36.3
7/31/2020		1.04	1.17	29.7			3.5	53.4
8/31/2020		1.12	1.34	30.6			3.1	67.6
9/30/2020		1.18	1.32	29.9			3	39.7
10/31/2020		1.24	1.45	59.2			5.3	156.8
11/30/2020	1.46	1.14	1.7		23.7	2.5		
12/31/2020	1.44	1.78	3.06		34.1	2.5		
1/31/2021	1.43	1.66	2.27		54	4		
2/28/2021	1.41	1.4	1.6		69.6	5.9		
3/31/2021	1.4	1.58	1.72		85.5	6.5		
4/30/2021	1.36	1.57	2.13		51.4	4		
5/31/2021	1.37	1.63	2.29		55.3	4.1		
6/30/2021	1.39	1.29	1.56	44.6			3.9	63.6
7/31/2021	1.45	1.77	2.39	57			3.8	65.2
8/31/2021	1.49	1.63	2.44	65.2			4.7	75.9

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Parameter	Flow	Flow	Flow	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5
	Annual Rolling Ave	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Monthly Ave	Monthly Ave	Weekly Ave
Units	MGD	MGD	MGD	lb/d	lb/d	mg/L	mg/L	lb/d
Effluent Limit	2.15	Report	Report	126	179	10	7	251
9/30/2021	1.53	1.71	2.55	56.8			3.8	91.4
10/31/2021	1.56	1.55	3	36.2			2.8	53.2
11/30/2021	1.61	1.8	2.43		65.1	4.4		
12/31/2021	1.6	1.6	1.78		52.3	3.9		
1/31/2022	1.58	1.48	1.87		70.4	5.6		
2/28/2022	1.59	1.52	1.89		92.6	7.1		
3/31/2022	1.59	1.51	1.78		77.1	6.1		
4/30/2022	1.59	1.57	2.08		81.4	6.1		
5/31/2022	1.55	1.14	1.55		42.6	4.5		
6/30/2022	1.52	0.96	1.25	32.8			3.9	49.4
7/31/2022	1.44	0.82	0.92	34.2			4.8	49.2
8/31/2022	1.37	0.83	0.97	24.9			3.5	37.2
9/30/2022	1.31	0.9	1.4	35.2			4.5	49.5
10/31/2022	1.25	0.91	1.1	51.7			6.7	73.2
11/30/2022	1.19	1.05	1.3		37	4.2		
12/31/2022	1.19	1.55	3.88		46.1	4		
1/31/2023	1.21	1.71	2.84		51.1	3.5		
2/28/2023	1.2	1.41	1.78		36.4	3.1		
3/31/2023	1.22	1.8	2.5		33.5	2.3		
4/30/2023	1.21	1.46	2.22		57.8	4.8		
5/31/2023	1.24	1.44	2.72		73.7	5.6		
6/30/2023	1.25	1.16	1.91	51.4			4.9	46.6
7/31/2023	1.32	1.63	2.71	55.8			3.9	128.5
8/31/2023	1.34	1.03	1.23	42.9			4.9	75.1
9/30/2023	1.35	1.09	1.4	36.2			4.05	43.9
10/31/2023	1.4	1.13	1.31	35.7			4.05	41.1
11/30/2023	1.37	1.1	1.39		48.9	5.42		
12/31/2023	1.39	1.79	4.49		41.8	2.48		

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Parameter	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD
	Weekly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max	Daily Max	Daily Max	Monthly Ave Min
Units	lb/d	mg/L	mg/L	lb/d	lb/d	mg/L	mg/L	%
Effluent Limit	412	14	23	287	448	16	25	85
Minimum	39.2	3	2	25.9	25.1	3.1	2.1	97.2
Maximum	136	13	11.4	298.9	227.9	24.7	19.1	99.5
Median	67.9	5.2	4.5	57.8	65.8	6	4.9	98.7
No. of Violations	0	0	0	1	0	1	0	0
1/31/2019	30		2.1		33.8		2.3	99.2
2/28/2019	23.3		2		25.1		2.1	99.3
3/31/2019	50.9		3.8		64.2		4.9	98.8
4/30/2019	31.4		2.4		39.5		2.8	99.2
5/31/2019	47.6		3.2		51.1		3.4	98.7
6/30/2019		3		38.8		3.1		99.2
7/31/2019		3		36.3		4.1		99.3
8/31/2019		4.1		37.3		4.3		99.1
9/30/2019		5.1		53.4		6.6		99.1
10/31/2019		3		25.9		3.2		99.5
11/30/2019	26		2.2		27.8		2.6	99.4
12/31/2019	115.5		6.8		160.2		9.6	97.9
1/31/2020	30.8		2		35.4		2.2	99.1
2/29/2020	44		2.5		63.1		3	99
3/31/2020	39.4		3		43.7		3.4	98.9
4/30/2020	52.8		2.8		68.4		3.4	98.6
5/31/2020	42.4		2.8		43.6		3	99.1
6/30/2020		4.3		48		5.7		99.1
7/31/2020		6.4		57.8		7		99.2
8/31/2020		6.3		70.4		6.8		98.8
9/30/2020		3.9		58		5.7		99.2
10/31/2020		13		298.9		24.7		98.7
11/30/2020	41		4.5		44.9		4.8	99.4
12/31/2020	39.2		3		48.6		3.4	99.1
1/31/2021	60.8		4.5		76.6		6	98.5
2/28/2021	135.9		11.4		227.9		19.1	97.7
3/31/2021	121.6		9.4		133		9.9	97.6
4/30/2021	90.8		7.6		105.6		9.1	98.3
5/31/2021	67.9		5		73.9		5.1	98
6/30/2021		4.9		69		5.3		98.6
7/31/2021		5.5		93		5.7		98.7
8/31/2021		6.2		79.7		6.5		98.4

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Parameter	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD
	Weekly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max	Daily Max	Daily Max	Monthly Ave Min
Units	lb/d	mg/L	mg/L	lb/d	lb/d	mg/L	mg/L	%
Effluent Limit	412	14	23	287	448	16	25	85
9/30/2021		4.8		110.7		5.2		98.7
10/31/2021		4.4		54.4		3.9		99.2
11/30/2021	89.2		5.2		92.2		5.4	98.2
12/31/2021	61.6		4.4		69.8		4.7	98.6
1/31/2022	82.6		6.6		84.4		6.7	97.8
2/28/2022	136		9.6		157.6		10.1	97.2
3/31/2022	103		8.2		114.3		8.2	97.3
4/30/2022	116.6		7.2		135.4		7.8	97.2
5/31/2022	50.1		5.4		59.3		6.4	98
6/30/2022		5.6		57.1		6.3		98.4
7/31/2022		6.8		49.3		7.2		98.9
8/31/2022		5.2		39.5		5.5		99
9/30/2022		5		68.9		7		98.7
10/31/2022		9.3		79.2		10.2		98.1
11/30/2022	52.9		5.7		63.4		7.3	98.7
12/31/2022	52.5		5		57.7		4.8	98.4
1/31/2023	72.4		3.8		97.2		4.2	98.2
2/28/2023	49.8		4.4		65.8		5.8	98.9
3/31/2023	44.8		2.6		48.2		2.9	99
4/30/2023	64.1		5.3		82.8		5.7	98
5/31/2023	117.8		7.6		152.6		7.6	97.2
6/30/2023		5.2		98.8		6.2		98.5
7/31/2023		7.7		146.6		9.6		97.9
8/31/2023		9		75.1		9		98.6
9/30/2023		5.65		47.1		6		98.8
10/31/2023		4.85		47.7		5.6		98.5
11/30/2023	45.8		5.2		62.6		6.5	97.46
12/31/2023	99.2		6.2		99.2		4.1	99.27

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Parameter	TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Weekly Ave	Weekly Ave	Weekly Ave	Daily Max
Units	lb/d	mg/L	lb/d	lb/d	mg/L	mg/L	lb/d	lb/d
Effluent Limit	269	15	448	538	25	30	538	628
Minimum	4.1	2.5	43.4	63.4	2.8	3.8	5.6	56.5
Maximum	811	36.2	174.2	399.4	59.6	161.4	1355.2	7515.5
Median	76.15	6.75	115.6	136	8	9	98.4	145.2
No. of Violations	1	3	0	0	1	2	1	3
1/31/2019	811	36.2		3794.6		161.4		7515.5
2/28/2019	35.9	3		55		4.4		56.5
3/31/2019	99.4	8.1		145.4		11		188.7
4/30/2019	56.6	3.9		64.5		4.8		78.9
5/31/2019	80.6	5.7		116.2		8		117.5
6/30/2019	38.2	3.6	51.2		5.2		51.6	
7/31/2019	23.2	2.5	30		2.8		46	
8/31/2019	23.6	2.8	41.2		4.6		40.1	
9/30/2019	21.6	2.7	27.4		3.4		29.1	
10/31/2019	29.1	3.4	38.2		4.5		45.1	
11/30/2019	53.8	5.5		74		7.4		76.9
12/31/2019	205.7	13		443		26.2		655.9
1/31/2020	71.7	4.8		92.8		5.8		101.5
2/29/2020	65	4.4		108.2		6.2		151.4
3/31/2020	93.1	6.5		97.6		7.4		104.6
4/30/2020	87.6	5.2		98.2		6.4		127.5
5/31/2020	82.4	6.5		109		6.8		103.3
6/30/2020	63.3	7	75.5		7.8		81.3	
7/31/2020	70.7	8.2	124.4		14.8		134.9	
8/31/2020	46.2	4.8	86.4		8		98.4	
9/30/2020	41	4.1	56.8		5.6		58.9	
10/31/2020	210.7	18.4	715.8		59.6		1355.2	
11/30/2020	64.5	6.9		74.6		8.2		78.5
12/31/2020	87.5	6.4		104.9		7.9		110.2
1/31/2021	107.6	7.9		121.4		9		127.8
2/28/2021	180.8	15.3		399.4		33.4		716
3/31/2021	135.5	10.3		170.8		13		178.4
4/30/2021	133.7	10.3		209		17.6		259.8
5/31/2021	124.8	9.4		136		11.8		154.2
6/30/2021	101.1	8.8	122		9.4		136.5	
7/31/2021	134.3	9	174.2		11.4		245.6	
8/31/2021	134.4	9.5	150.6		11.2		192.3	

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Parameter	TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS
	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max
Units	lb/d	mg/L	lb/d	lb/d	mg/L	mg/L	lb/d	lb/d
Effluent Limit	269	15	448	538	25	30	538	628
9/30/2021	118.2	8	165		9		195.8	
10/31/2021	92.7	7.3	117.4		8.4		125.5	
11/30/2021	142.4	9.4		189.4		11.2		243
12/31/2021	111.7	8.3		124.2		9		136.7
1/31/2022	117.8	9.4		148.8		10.2		161.3
2/28/2022	162.2	12.6		204.4		14.6		224.7
3/31/2022	130.5	10.3		187		14.9		206.3
4/30/2022	143.7	10.7		223.6		13.8		277.7
5/31/2022	71.2	7.5		87.4		9.3		95.1
6/30/2022	48.6	5.7	91.4		9.2		95.1	
7/31/2022	55.4	7.8	100		13.8		104.7	
8/31/2022	32.4	4.5	63.5		8.8		71.8	
9/30/2022	66.2	8.3	129.4		13		182.3	
10/31/2022	86.2	11	120.2		14.6		122.6	
11/30/2022	60.8	6.9		110.4		12		142.3
12/31/2022	66.9	5.6		86.5		6.8		102.7
1/31/2023	92.4	6.2		132.9		7.2		189.6
2/28/2023	46.3	3.9		63.4		4.8		63.6
3/31/2023	42	2.7		63.4		3.8		66.8
4/30/2023	115.7	10.4		173.3		15.8		192.3
5/31/2023	81	6.5		137.3		8.6		159.2
6/30/2023	59.7	6.1	62.2		7.8		102	
7/31/2023	57.5	4.1	115.6		7.1		158.8	
8/31/2023	32.7	3.8	43.4		5.6		46.4	
9/30/2023	4.1	4.1	45.3		4.8		5.6	
10/31/2023	59.6	6.6	70		7.4		80.1	
11/30/2023	104.7	10.7		178.2		18.6		199.5
12/31/2023	49.3	3.1		111.15		5.2		145.2

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Parameter	TSS	TSS	TSS	pH	pH	E. coli	E. coli	E. coli
	Daily Max	Daily Max	Monthly Ave Min	Minimum	Maximum	Monthly Geometric Mean	Monthly Geometric Mean	Daily Max
Units	mg/L	mg/L	%	SU	SU	#/100mL	MPN/100mL	#/100mL
Effluent Limit	30	35	85	6.5	8	126	126	406
Minimum	3.6	4	86.7	6.6	6.9	0	1.3	3.1
Maximum	112	316	99.5	7.2	7.6	11.8	31.6	1732.9
Median	9.2	9.6	98.1	6.8	7.3	Non-Detect	4.2	509.25
No. of Violations	1	3	0	0	0	0	0	2
1/31/2019		316	86.7	6.6	7.2		4.3	
2/28/2019		4.8	98.9	6.8	7		2.7	
3/31/2019		14.4	97.1	6.7	6.9		5.2	
4/30/2019		5.2	98.9	6.7	7.2		1.5	
5/31/2019		8	97.8	6.7	7.2		2.3	
6/30/2019	5.2		98.9	6.9	7.4		1.5	
7/31/2019	5.2		99.5	6.9	7.3		1.5	
8/31/2019	4.8		99.2	7.2	7.5		3.8	
9/30/2019	3.6		99.3	7	7.6		5.5	
10/31/2019	5.4		99.3	7	7.4		7.6	
11/30/2019		8	98.8	6.8	7.3		9.7	
12/31/2019		39.3	94.5	6.8	7.3		2.9	
1/31/2020		6.4	98	6.8	7.1		1.3	
2/29/2020		7.2	98.4	6.6	7.1		1.6	
3/31/2020		7.6	97.6	6.7	6.9		1.6	
4/30/2020		7.6	97.9	6.7	7.2		1.3	
5/31/2020		7.2	98	6.7	7.1		2.1	
6/30/2020	9.2		98.5	6.6	7.2		1.4	
7/31/2020	15.7		98.5	6.9	7.3		2.3	
8/31/2020	8.8		98.8	6.9	7.3		5.8	
9/30/2020	5.6		99.2	6.9	7.2		5.4	
10/31/2020	112		96.5	6.7	7.2		7.7	
11/30/2020		8.4	98.9	6.8	7.2		3.6	
12/31/2020		8.2	98.5	6.8	7.1		4.6	
1/31/2021		9.6	97.9	6.8	7.1		3.4	
2/28/2021		60	96	6.8	7.4		13.3	
3/31/2021		13.2	97.3	7.2	7.5		13	
4/30/2021		22.4	96.6	6.7	7.3		3.9	
5/31/2021		12.4	97.2	6.7	7.2		3.5	
6/30/2021	11.6		97.9	6.8	7.2		3.1	
7/31/2021	13.2		97.7	6.8	7.4		4.3	
8/31/2021	11.2		97.8	6.9	7.4		12.3	

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Parameter	TSS	TSS	TSS	pH	pH	E. coli	E. coli	E. coli
	Daily Max	Daily Max	Monthly Ave Min	Minimum	Maximum	Monthly Geometric Mean	Monthly Geometric Mean	Daily Max
Units	mg/L	mg/L	%	SU	SU	#/100mL	MPN/100mL	#/100mL
Effluent Limit	30	35	85	6.5	8	126	126	406
9/30/2021	10.4		98.1	7	7.3			3.2
10/31/2021	8.8		98.3	6.7	7.2			12.1
11/30/2021		14	96.6	6.8	7.3			3.2
12/31/2021		9.2	97.3	6.7	7.2			4.1
1/31/2022		10.8	97.4	6.8	7.6			16.6
2/28/2022		14.8	96.3	7	7.3			9.7
3/31/2022		15	96.7	6.8	7.5			4.4
4/30/2022		16	96.7	6.7	7.3			8.3
5/31/2022		10	98	6.8	7.4			10.2
6/30/2022	10		98.2	6.7	7.4			2.4
7/31/2022	15.3		98.5	6.8	7.5			31.6
8/31/2022	10		99.1	6.6	7.4			7.2
9/30/2022	17.2		98.3	6.9	7.3			21.8
10/31/2022	14.7		97.2	6.8	7.2			20.4
11/30/2022		16.4	98	7	7.3			6.6
12/31/2022		7.2	98.1	6.7	7.6			3.3
1/31/2023		8	98.8	6.8	7.2			2.4
2/28/2023		5.6	98.9	6.8	7.4			4.6
3/31/2023		4	99.1	6.6	7.3			4.1
4/30/2023		18	96.8	6.6	7.4			3.2
5/31/2023		9.6	97.8	6.8	7.3			5.7
6/30/2023	8.4		98.7	6.8	7.4			3.2
7/31/2023	10.4		98.5	6.8	7.4			5.2
8/31/2023	6		99.2	6.8	7.5			13.1
9/30/2023	5.6		98.6	6.67	7.37	< 8.9		1732.9
10/31/2023	8		98.3	6.6	7.34	< 1.4		7.3
11/30/2023		20	96.15	6.99	7.54	11.8		1011.2
12/31/2023		6	99	6.68	7.35	< 1.3		3.1

Outfall 001

Parameter	E. coli	DO	Ammonia	Ammonia	Ammonia	Ammonia	Ammonia	Ammonia
	Daily Max	Minimum	Monthly Ave	Monthly Ave	Monthly Ave	Monthly Ave	Monthly Ave	Daily Max
Units	MPN/100mL	mg/L	lb/d	mg/L	mg/L	mg/L	mg/L	lb/d
Effluent Limit	406	6	Report	12.9	19.4	4.1	7.3	179
Minimum	4.1	6.3	0.77	0.35	0	0.1	0	0
Maximum	2419.6	10.7	102.4	23.6	6.9	11.02	1.2	211.95
Median	58.4	8.8	9	2.1	0.5	0.9	0.1	16.4
No. of Violations	7	0	N/A	3	0	4	0	1
1/31/2019	70.6	10			1.1			
2/28/2019	29.8	10.2			0.8			
3/31/2019	13.5	10.1			1.3			
4/30/2019	4.1	9.7			0			
5/31/2019	8.6	9.4			0.2			
6/30/2019	12.1	9.2					0.1	5.1
7/31/2019	8.5	8.7					0.3	23.9
8/31/2019	10.8	8.4					0.1	5.5
9/30/2019	178.5	8.5					0	0
10/31/2019	248.1	8.9					0	1.48
11/30/2019	93.3	9			0.5			
12/31/2019	15.8	9.5			6.9			
1/31/2020	6.3	10.1			0			
2/29/2020	4.1	10.1			0			
3/31/2020	8.4	9.7			0.7			
4/30/2020	11	9.7			0.5			
5/31/2020	16	9.5			0.3			
6/30/2020	6.3	8.6					0	1
7/31/2020	76.3	8.4					0.2	7.1
8/31/2020	87.8	8.01					0.1	4.9
9/30/2020	36.9	7.2					0.6	14.4
10/31/2020	2419.6	8.1					1.2	59.3
11/30/2020	25.9	8.7		0.4				
12/31/2020	113	9.6		0.4				
1/31/2021	53.7	9.8		0.9				
2/28/2021	2419.6	9.2		7.3				
3/31/2021	143	9.5		23.6				
4/30/2021	68.3	8.8		14				
5/31/2021	22.3	8.3		2.1				
6/30/2021	22.8	7.8	19.9			1.6		99.5
7/31/2021	64.4	8.2	13.8			0.9		65.2
8/31/2021	191.8	7.9	61.8			4.7		172.3

Outfall 001

Parameter	E. coli	DO	Ammonia	Ammonia	Ammonia	Ammonia	Ammonia	Ammonia
	Daily Max	Minimum	Monthly Ave	Monthly Ave	Monthly Ave	Monthly Ave	Monthly Ave	Daily Max
Units	MPN/100mL	mg/L	lb/d	mg/L	mg/L	mg/L	mg/L	lb/d
Effluent Limit	406	6	Report	12.9	19.4	4.1	7.3	179
9/30/2021	13.5	8.4	8			0.6		16.4
10/31/2021	435.2	8.4	9			0.5		46.8
11/30/2021	13.4	8.8		0.9				
12/31/2021	51.2	9.2		0.35				
1/31/2022	2419.6	8.4		3.4				
2/28/2022	139.6	8.9		12.5				
3/31/2022	11	8.5		10.2				
4/30/2022	49.6	8.3		4.8				
5/31/2022	199.7	8.2		10				
6/30/2022	127.4	8.4	10.1			1.2		56.8
7/31/2022	2419.6	6.3	30.4			4.4		95.1
8/31/2022	107.6	7.1	37			5.5		98.3
9/30/2022	117.8	9.4	0.77			0.1		1.54
10/31/2022	1986.3	7.2	7.3			1		29
11/30/2022	63.1	8.8		0.4				
12/31/2022	17.1	7.6		3				
1/31/2023	7.4	7.5		2.8				
2/28/2023	31.3	10.7		1.3				
3/31/2023	272.3	8.8		1.6				
4/30/2023	42.8	9.5		1				
5/31/2023	816.4	8.2		2.1				
6/30/2023	325.5	8.7	1.56			0.18		7.68
7/31/2023	191.8	8.7	7.7			0.4		42.7
8/31/2023	224.7	8.5	5.4			0.6		15.4
9/30/2023		9.49	6.81			0.81		14.59
10/31/2023		10	102.4			11.02		211.95
11/30/2023		10.07		15.1				
12/31/2023		10.28		0.76				

Outfall 001

Parameter	Ammonia	Ammonia	Ammonia	TKN	TKN	TN	TN	TN
	Daily Max	Daily Max	Daily Max	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Daily Max
Units	lb/d	mg/L	mg/L	mg/L	mg/L	lb/d	mg/L	mg/L
Effluent Limit	Report	10	Report	Report	Report	Report	Report	Report
Minimum	0	0	0	1.1	1.2	87.86	8.9	10.1
Maximum	259	24.9	31.5	23.7	25.4	317.4	31.6	33.2
Median	17.3	1.9	3.1	3.2	4.85	199.5	15.9	20.005
No. of Violations	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A
1/31/2019	108.2		4.6					
2/28/2019	19.8		1.6					
3/31/2019	47.3		4.1					
4/30/2019	2		0.2					
5/31/2019	14.8		1.2					
6/30/2019		0.4						
7/31/2019		2.4						
8/31/2019		0.7						
9/30/2019		0						
10/31/2019		0.2						
11/30/2019	12.2		1.3					
12/31/2019	259		21.7					
1/31/2020	2.1		0.2					
2/29/2020	0		0					
3/31/2020	30		1.9					
4/30/2020	28.5		1.5					
5/31/2020	11.8		1					
6/30/2020		0.1						
7/31/2020		0.8						
8/31/2020		0.5						
9/30/2020		1.5						
10/31/2020		4.9						
11/30/2020			1	1.8	2.4	292.2	31.6	33.2
12/31/2020			1.2	1.5	2.1	249.7	17	20
1/31/2021			1.3	2.6	3.3	250.7	18.1	20.5
2/28/2021			20.7	10.9	23.3	269.1	23	24.4
3/31/2021			25.5	23.7	25.4	317.4	24.1	25.7
4/30/2021			24.1	15.4	23.6	283.4	21.7	26
5/31/2021			6.2	4.3	8.7	201.3	14.8	18.1
6/30/2021		7.6		3	4.8	142.5	13.2	22.8
7/31/2021		3.8		1.8	2.6	173.8	11.8	14.3
8/31/2021		12.5		5.4	14.1	178.3	13.1	17.7

Outfall 001

Parameter	Ammonia	Ammonia	Ammonia	TKN	TKN	TN	TN	TN
	Daily Max	Daily Max	Daily Max	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Daily Max
Units	lb/d	mg/L	mg/L	mg/L	mg/L	lb/d	mg/L	mg/L
Effluent Limit	Report	10	Report	Report	Report	Report	Report	Report
9/30/2021		1.1		2.2	2.9	126.5	8.9	10.1
10/31/2021		1.9		2.7	4.4	161	12.45	21.2
11/30/2021			3.2	2.7	3.4	178	11.9	13.5
12/31/2021			1.15	1.77	1.97	253.2	18.94	20.01
1/31/2022			17.4	7	19.1	231.4	18.7	23.7
2/28/2022			17.9	14.5	17.2	200.2	15.8	18
3/31/2022			16.7	11.3	16.2	202.2	16	17.9
4/30/2022			13.7	4.7	6.4	174.3	13.3	15.3
5/31/2022			14.6	11.2	16.7	161.6	17.1	21.6
6/30/2022		7		2.5	4.4	127.5	16	25.9
7/31/2022		13.9		5.8	14.3	98.2	14.4	19.2
8/31/2022		15.1		7.5	17	134.8	19.4	30.9
9/30/2022		0.21		2	2.4	198.8	26.4	32.2
10/31/2022		3.7		3.4	5.3	229.6	30.2	32.9
11/30/2022			2.7	2.1	2.8	213.1	24.3	27.6
12/31/2022			11.7	3.6	4.9	220.5	17	20.9
1/31/2023			7.3	4.1	7.3	210.4	14.7	16.7
2/28/2023			3.1	1.1	1.2	165.5	14	15.1
3/31/2023			2.8	2.7	3.9	191.1	12.7	14.6
4/30/2023			1.7	2.4	3.5	209.5	17.2	21
5/31/2023			5.7	2.8	3.6	217.8	18.1	22.2
6/30/2023		0.92		1.95	3.07	123.7	12.8	13.8
7/31/2023		1.9		3.5	5.9	143.7	10.6	13.4
8/31/2023		1.6		2.5	2.9	89.3	10.4	11
9/30/2023		1.9		8.71	12	87.86	10.38	11.66
10/31/2023		24.9		12.14	13.95	218.9	21.5	25.8
11/30/2023			31.5	11.7	20	151.44	14.51	16.5
12/31/2023			2.28	1.27	3.1	289.11	12.14	14

Outfall 001

Parameter	Nitrite+Nitrate	Nitrite+Nitrate	TP	TP	TP	Aluminum	Aluminum
	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave
Units	mg/L	mg/L	lb/d	mg/L	mg/L	ug/L	ug/L
Effluent Limit	Report	Report	3	Report	Report	87	Report
Minimum	0.4	0.6	No Data	1.5	1.9	No Data	0
Maximum	29.8	31.2	No Data	22.68	31.84	No Data	715.5
Median	10.3	15.4	No Data	2.4	3	No Data	71.3
No. of Violations	N/A	N/A	No Data	N/A	N/A	No Data	N/A
1/31/2019							
2/28/2019							
3/31/2019							
4/30/2019							
5/31/2019							
6/30/2019							
7/31/2019							
8/31/2019							
9/30/2019							
10/31/2019							
11/30/2019							
12/31/2019							
1/31/2020							
2/29/2020							
3/31/2020							
4/30/2020							
5/31/2020							
6/30/2020							
7/31/2020							
8/31/2020							
9/30/2020							
10/31/2020							
11/30/2020	29.8	31.2					688
12/31/2020	15.5	18.7					333.8
1/31/2021	15.5	17.5					715.5
2/28/2021	12.1	21.2					612
3/31/2021	0.4	0.6					72.8
4/30/2021	6.3	16.2		2	2.4		269
5/31/2021	10.4	16.4		1.8	2.1		363
6/30/2021	10.2	20.6		2.4	2.8		< 50
7/31/2021	9.9	13.3		1.6	2.1		283.5
8/31/2021	7.7	12		2.4	4.1		46

Outfall 001

Parameter	Nitrite+Nitrate	Nitrite+Nitrate	TP	TP	TP	Aluminum	Aluminum
	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave
Units	mg/L	mg/L	lb/d	mg/L	mg/L	ug/L	ug/L
Effluent Limit	Report	Report	3	Report	Report	87	Report
9/30/2021	6.7	8.1		2	2.4		322
10/31/2021	9.8	19.4		2	3		328.5
11/30/2021	9.2	11.3					290
12/31/2021	17.17	18.64					377
1/31/2022	11.7	15.4					< 50
2/28/2022	1.3	2.7					80.1
3/31/2022	4.7	7.6					88.8
4/30/2022	8.6	11.1		1.6	1.9		64.1
5/31/2022	5.8	19.7		1.5	2.3		71.2
6/30/2022	13.4	23.3		3	3.9		< 50
7/31/2022	8.6	11.9		3.2	4.4		108
8/31/2022	11.9	28.5		4.2	14.6		< 50
9/30/2022	24.3	30		4.4	5.4		60.2
10/31/2022	26.8	30.5		3.5	3.7		53.2
11/30/2022	22.3	25.6					71.4
12/31/2022	13.4	18.1					34.9
1/31/2023	10.6	12.8					30.6
2/28/2023	13	14.3					13.8
3/31/2023	10	12.6					< 50
4/30/2023	14.8	18.7		1.8	2.3		99
5/31/2023	15.2	20.3		1.9	2.6		66.5
6/30/2023	10.9	11.8		2.94	3.41		< 50
7/31/2023	7.1	7.9		1.8	2		< 50
8/31/2023	7.9	8.3		2.8	3		50
9/30/2023	6.91	8.94		21.43	22.82		< 50
10/31/2023	6.98	7.25		22.68	31.84		180
11/30/2023	4.69	6.63				< .05	
12/31/2023	12.58	15.4				< .05	

Outfall 001

Parameter	Aluminum	Cadmium	Cadmium	Cadmium	Cadmium	Copper	Copper	Copper
	Daily Max	Monthly Ave	Monthly Ave	Daily Max	Daily Max	Monthly Ave	Daily Max	Monthly Ave
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Effluent Limit	Report	3	1.4	3.4	3.1	14.4	16.2	10.1
Minimum	0	0	0	0	0	0	0	0
Maximum	901	0	0	0	0	30	30	11
Median	78.3	0	Non-Detect	0	Non-Detect	10.4	11.2	5.05
No. of Violations	N/A	0	0	0	0	5	7	1
1/31/2019		0		0				4.8
2/28/2019		0		0				5.8
3/31/2019		0		0				4.8
4/30/2019		0		0				11
5/31/2019		0		0				5
6/30/2019		0		0				3.3
7/31/2019		0		0				3.6
8/31/2019		0		0				4.8
9/30/2019		0		0				2.8
10/31/2019		0		0				0
11/30/2019		0		0				0
12/31/2019		0		0				9.7
1/31/2020		0		0				6.2
2/29/2020		0		0				7.8
3/31/2020		0		0				7.6
4/30/2020		0		0				5.1
5/31/2020		0		0				7
6/30/2020		0		0				6.5
7/31/2020		0		0				7.7
8/31/2020		0		0				3.4
9/30/2020		0		0				5
10/31/2020		0		0				7.6
11/30/2020	760		0		0	7.5	7.5	
12/31/2020	482		< 1		< 1	5.9	6.1	
1/31/2021	735		< 1		< 1	6.6	6.7	
2/28/2021	901		< 1		< 1	14	17.2	
3/31/2021	81.4		< 1.2		< 1.2	12.8	13	
4/30/2021	279		< 1.2		< 1.2	10	10.6	
5/31/2021	369		< 1.2		< 1.2	10.7	10.9	
6/30/2021	< 50		< 1.2		< 1.2	< 2.5	< 2.5	
7/31/2021	295		< 1.2		< 1.2	6.7	7.2	
8/31/2021	91.9		< 1.2		< 1.2	10.4	11.9	

Outfall 001

Parameter	Aluminum	Cadmium	Cadmium	Cadmium	Cadmium	Copper	Copper	Copper
	Daily Max	Monthly Ave	Monthly Ave	Daily Max	Daily Max	Monthly Ave	Daily Max	Monthly Ave
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Effluent Limit	Report	3	1.4	3.4	3.1	14.4	16.2	10.1
9/30/2021	373		< 1.2		< 1.2	5.6	6.2	
10/31/2021	376		< 1.2		< 1.2	5.6	11.3	
11/30/2021	304		< 1.2		< 1.2	9.1	10.2	
12/31/2021	395		< 1.2		< 1.2	12	12	
1/31/2022	55.3		< 1.2		< 1.2	12.8	13.4	
2/28/2022	87.2		< 1.2		< 1.2	13.4	14.2	
3/31/2022	104		< 1.2		< 1.2	20.2	22.9	
4/30/2022	68.8		< 1.2		< 1.2	14.4	16.4	
5/31/2022	75.2		< 1.2		< 1.2	10.4	10.8	
6/30/2022	< 50		< 1.2		< 1.2	6.8	7.1	
7/31/2022	113		< 1.2		< 1.2	18.5	19.1	
8/31/2022	< 50		< 1.2		< 1.2	6.4	6.6	
9/30/2022	68.8		< 1.2		< 1.2	12	14	
10/31/2022	55		< 1.2		< 1.2	12.6	14.4	
11/30/2022	88.7		< 1.2		< 1.2	9.2	9.3	
12/31/2022	69.8		< 1.2		< 1.2	9.8	11.1	
1/31/2023	61.1		< 1.2		< 1.2	10.6	12.3	
2/28/2023	27.5		< 1.2		< 1.2	10.4	11	
3/31/2023	< 50		< 1.2		< 1.2	10.2	10.6	
4/30/2023	117		< 1.2		< 1.2	21.2	22	
5/31/2023	72		< 1		< 1	17.9	18	
6/30/2023	< 50		< 1		< 1	13	14	
7/31/2023	< 50		< 1		< 1	10.5	11	
8/31/2023	50		< 1		< 1	13	13	
9/30/2023	< 50		< .001		< 1	8	16	
10/31/2023	180		< .001		< 1	30	30	
11/30/2023	< 50		< .001		< 1	8.7	8.7	
12/31/2023	< 50		< .001		< 1	8	8	

Outfall 001

Parameter	Copper	Lead	Lead	Lead
	Daily Max	Monthly Ave	Monthly Ave	Daily Max
Units	ug/L	ug/L	ug/L	ug/L
Effluent Limit	13.5	2	5	51
Minimum	2.6	0	0	0
Maximum	15.8	5.8	0	5.8
Median	5.6	Non-Detect	0	Non-Detect
No. of Violations	1	1	0	0
1/31/2019	5.2		0	0
2/28/2019	6.2		0	0
3/31/2019	4.9		0	0
4/30/2019	15.8		0	0
5/31/2019	5.3		0	0
6/30/2019	3.8		0	0
7/31/2019	4.6		0	0
8/31/2019	4.8		0	0
9/30/2019	3		0	0
10/31/2019	4.3		0	0
11/30/2019	2.6		0	0
12/31/2019	13.4		0	0
1/31/2020	6.4		0	0
2/29/2020	7.9		0	0
3/31/2020	7.8		0	0
4/30/2020	5.6		0	0
5/31/2020	7.9		0	0
6/30/2020	6.6		0	0
7/31/2020	8.4		0	0
8/31/2020	3.4		0	0
9/30/2020	5.6		0	0
10/31/2020	8.8		0	0
11/30/2020		0		0
12/31/2020		< 1.5		< 1.5
1/31/2021		< 1.5		< 1.5
2/28/2021		< 1.5		< 1.5
3/31/2021		< 1.9		< 1.9
4/30/2021		< 1.9		< 1.9
5/31/2021		< 1.9		< 1.9
6/30/2021		< 1.9		< 1.9
7/31/2021		< 1.9		< 1.9
8/31/2021		< 1.9		< 1.9

Outfall 001

Parameter	Copper	Lead	Lead	Lead
	Daily Max	Monthly Ave	Monthly Ave	Daily Max
Units	ug/L	ug/L	ug/L	ug/L
Effluent Limit	13.5	2	5	51
9/30/2021		< 1.9		< 1.9
10/31/2021		< 1.9		< 1.9
11/30/2021		< 1.9		< 1.9
12/31/2021		< 1.9		< 1.9
1/31/2022		< 1.9		< 1.9
2/28/2022		< 1.9		< 1.9
3/31/2022		< 1.9		< 1.9
4/30/2022		< 1.9		< 1.9
5/31/2022		< 1.9		< 1.9
6/30/2022		< 1.9		< 1.9
7/31/2022		< 1.9		< 1.9
8/31/2022		< 1.9		< 1.9
9/30/2022		< 1.9		< 1.9
10/31/2022		< 1.9		< 1.9
11/30/2022		< 1.9		< 1.9
12/31/2022		< 1.9		< 1.9
1/31/2023		< 1.9		< 1.9
2/28/2023		< 1.9		< 1.9
3/31/2023		< 1.9		< 1.9
4/30/2023		< 1.9		< 1.9
5/31/2023		< 1		< 1
6/30/2023		< 1		< 1
7/31/2023		< 1		< 1
8/31/2023		< 1		< 1
9/30/2023		< 1		< 1
10/31/2023		5.8		5.8
11/30/2023		< 1		< 1
12/31/2023		< 1		< 1

WET Effluent

Parameter	LC50 Acute Ceriodaphnia	LC50 Acute Pimephales	C-NOEC Chronic Ceriodaphnia	Noel 7Day Chronic Pimephales	Aluminum	Nickel	Zinc	Hardness
	Daily Min	Daily Min	Daily Min	Daily Min	Daily Max	Daily Max	Daily Max	Daily Max
Units	%	%	%	%	mg/L	mg/L	mg/L	mg/L
Effluent Limit	100	100	28	28	Report	Report	Report	Report
Minimum	100	100	6.25	50	0	0	0.0628	101
Maximum	100	100	100	100	0.95	0.0048	0.2	210
Median	100	100	100	100	0.205	0.00205	0.0919	137.5
No. of Violations	0	0	1	0	N/A	N/A	N/A	N/A
3/31/2019	100	100	100	100	0.44	0.0023	0.13	170
6/30/2019	100	100	100	100	0.27	0.002	0.077	170
9/30/2019	100	100	50	100	0.17	0.002	0.095	140
12/31/2019	100	100	100	100	0.24	0.0024	0.11	120
3/31/2020	100	100	100	50	0.3	0.0048	0.097	160
6/30/2020	100	100	100	100	0.51	0.0025	0.086	210
9/30/2020	100	100	100	100	0.39	0.001	0.099	130
12/31/2020	100	100	100	100	0.49	0.0021	0.2	150
3/31/2021	100	100	100	100	0.95	0	0.13	160
6/30/2021	100	100	100	100	0.385	0.00239	0.0947	137
9/30/2021	100	100	50	100	0	0.00275	0.0765	180
12/31/2021	100	100	100	100	0.324	0.00154	0.0628	127
3/31/2022	100	100	100	100	0.104	0.002	0.088	120
6/30/2022	100	100	50	100	0.065	0.003	0.077	114
9/30/2022	100	100	38	100	0.053	0.003	0.096	123
12/31/2022	100	100	100	100	0.055	0.002	0.089	138
3/31/2023	100	100	100	100	0.055	0.002	0.108	112
6/30/2023	100	100	100	100	0.062	0.003	0.076	144
9/30/2023	100	100	6.25	100	0.019	0.002	0.076	121
12/31/2023	100	100	100	100	0.043	0.002	0.086	101

WET Effluent

Parameter	TOC
	Daily Max
Units	mg/L
Effluent Limit	Report
Minimum	6
Maximum	14
Median	10.5
No. of Violations	N/A
3/31/2019	--
6/30/2019	--
9/30/2019	--
12/31/2019	--
3/31/2020	--
6/30/2020	--
9/30/2020	--
12/31/2020	10.2
3/31/2021	14
6/30/2021	6.3
9/30/2021	7.7
12/31/2021	6
3/31/2022	13.1
6/30/2022	9.56
9/30/2022	11.1
12/31/2022	10.9
3/31/2023	7.5
6/30/2023	11.5
9/30/2023	10.5
12/31/2023	12.9

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	SU	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	6.3	0	0.034	0	0	0	0	0
Maximum	7.1	0.17	0.22	0.0001	0.0032	0.0006	0.0023	27
Median	6.81	0	0.0733	0	0.0011	0.0003	0	0.006
No. of Violations	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/31/2019	6.88	0	0.067	0	0.0009	0.0003	0	0.011
6/30/2019	6.82	0	0.12	0	0.0022	0.0006	0	0.01
9/30/2019	7.09	0	0.039	0	0.0013	0.0004	0	0.0078
12/31/2019								
3/31/2020	6.51	0	0.09	0	0.0016	0	0.0023	0.02
6/30/2020	6.91	0	0.052	0	0.0011	0.0004	0	0.0058
9/30/2020	7.09	0	0.034	0	0.0019	0.0003	0	0.01
12/31/2020	6.3	0	0.22	0	0.0014	0.0006	0	0.017
3/31/2021	6.4	0	0.18	0	0	0	0	27
6/30/2021	6.39	0	0.0733	0	0.000946	0.000306	0.00047	0.00753
9/30/2021	6.7	0.17	0.0624	0	0.000921	0.000398	0.000426	0.00481
12/31/2021	6.46	0.12	0.175	0	0.000777	0.000487	0.000435	0.00531
3/31/2022	6.58	0.11	0.105	0	0.0018	0.0003	0	0.006
6/30/2022	6.66	0.11	0.066	0	0	0.0006	0	0.004
9/30/2022	7	0.08	0.069	0	0	0.0004	0	0.005
12/31/2022	6.81	0	0.07	0.0001	0.0012	0	0.001	0.005
3/31/2023	6.92	0	0.083	0	0.0006	0	0	0.005
6/30/2023	6.8	0.07	0.098	0	0.0011	0.0003	0	0.004
9/30/2023	6.84	0	0.059	0	0.0009	0.0003	0	0.011
12/31/2023	7.1	0.06	0.081	0	0.0032	0.0003	0	0

WET Ambient

Parameter	Hardness	TOC	DOC	Temperature
	Daily Max	Daily Max	Daily Max	Daily Max
Units	mg/L	mg/L	mg/L	deg C
Effluent Limit	Report	Report	Report	Report
Minimum	8.8	2.8	2.1	2.7
Maximum	34.7	7.9	7.5	21.5
Median	17	4.6	4.2	11.3
No. of Violations	N/A	N/A	N/A	N/A
3/31/2019	15			
6/30/2019	15			
9/30/2019	26			
12/31/2019				
3/31/2020	17			
6/30/2020	20			
9/30/2020	25			
12/31/2020	15	7.9	7.5	8
3/31/2021	21	3	2.8	2.7
6/30/2021	17.9	3.6	3.5	17
9/30/2021	21	4.6	4.6	21.4
12/31/2021	12	5.7	5.7	8.7
3/31/2022	13.9	3.83	4	6.4
6/30/2022	15.4	4.43	3.9	19.5
9/30/2022	34.7	2.8	2.1	21.5
12/31/2022	21.6	5.97	5.5	11.3
3/31/2023	8.8	2.87	2.7	4.4
6/30/2023	13.4	5.24	5	16.2
9/30/2023	18.3	5.35	5.3	15.7
12/31/2023	15.6	4.74	4.2	7.3

TP Ambient

Parameter	TP	TP
	Monthly Ave	Daily Max
Units	mg/L	mg/L
Effluent Limit	Report	Report
Minimum	0	0
Maximum	0.05	0.05
Median	Non-Detect	Non-Detect
No. of Violations	N/A	N/A
4/30/2021	< .05	< .05
5/31/2021	< .05	< .05
6/30/2021	< .05	< .05
7/31/2021	< .05	< .05
8/31/2021	< .05	< .05
9/30/2021	< .05	< .05
10/31/2021	< .05	< .05
4/30/2023	< .05	< .05
5/31/2023	< .05	< .05
6/30/2023	< .05	< .05
7/31/2023	< .05	< .05
8/31/2023	0.05	0.05
9/30/2023	< .05	< .05
10/31/2023	0.003	0.05