

Outfall 001

Parameter	Flow	Flow	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5
	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max
Units	MGD	MGD	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L
Effluent Limit	Report	Report	853	25	1365	40	1536	45
Minimum	1.02	1.38	17	2	19	2	19	2
Maximum	2.7	4.47	180	11	372	18	372	18
Median	1.79	2.3	80	5	123	7	123	7
No. of Violations	N/A	N/A	0	0	0	0	0	0
1/31/2019	1.94	2.43	105	7	152	11	152	11
2/28/2019	1.8	2.09	163	11	194	12	194	12
3/31/2019	1.88	2.27	144	9	160	10	160	10
4/30/2019	1.97	2.72	129	8	138	9	138	9
5/31/2019	1.97	2.85	99	6	145	8	145	8
6/30/2019	1.65	1.94	69	5	117	8	117	8
7/31/2019	1.32	1.57	30	3	48	4	48	4
8/31/2019	1.25	1.69	24	2	29	3	29	3
9/30/2019	1.14	1.55	20	2	28	3	28	3
10/31/2019	1.28	1.73	38	3	60	5	60	5
11/30/2019	1.45	1.96	35	3	41	4	41	4
12/31/2019	2.14	3.13	67	4	131	5	131	5
1/31/2020	2.06	2.36	90	5	119	7	119	7
2/29/2020	1.99	2.64	111	6	154	7	154	7
3/31/2020	1.96	2.37	111	7	164	11	164	11
4/30/2020	2.38	3.19	153	7	372	14	372	14
5/31/2020	1.75	2.36	84	5	109	7	109	7
6/30/2020	1.23	1.51	48	5	79	7	79	7
7/31/2020	1.14	1.5	20	2	23	2	23	2
8/31/2020	1.06	1.5	17	2	19	2	19	2
9/30/2020	1.09	1.66	29	3	36	4	36	4
10/31/2020	1.18	1.52	29	3	59	6	59	6
11/30/2020	1.31	1.66	45	4	68	7	68	7
12/31/2020	2.04	2.51	65	4	105	6	105	6
1/31/2021	1.91	2.47	80	5	105	6	101	6
2/28/2021	1.59	1.82	90	7	94	7	94	7
3/31/2021	1.8	2.17	123	8	150	10	150	10
4/30/2021	1.7	2.16	107	8	168	13	168	13
5/31/2021	1.76	2.33	102	7	146	8	146	8
6/30/2021	1.49	1.85	80	6	93	8	93	8
7/31/2021	2.63	4.16	68	3	102	4	102	4

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Parameter	Flow	Flow	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5	CBOD5
	Monthly Ave	Daily Max	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max
Units	MGD	MGD	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L
Effluent Limit	Report	Report	853	25	1365	40	1536	45
8/31/2021	1.78	2.38	58	4	88	6	88	6
9/30/2021	2.05	2.61	42	2	59	3	59	3
10/31/2021	1.59	2.18	45	4	63	5	63	5
11/30/2021	2.1	2.66	72	4	140	7	140	7
12/31/2021	1.71	2.09	51	4	49	4	77	5
1/31/2022	1.83	2.13	110	7	161	11	161	11
2/28/2022	2.08	2.65	158	9	237	13	237	13
3/31/2022	2.06	2.35	90	5	128	7	128	7
4/30/2022	2.19	2.45	126	7	161	10	161	10
5/31/2022	1.68	1.98	127	9	157	12	157	12
6/30/2022	1.37	1.77	121	10	220	16	220	16
7/31/2022	1.17	1.77	68	7	113	12	113	12
8/31/2022	1.02	1.38	69	9	150	18	150	18
9/30/2022	1.15	1.48	52	5	68	6	68	6
10/31/2022	1.3	1.89	80	8	169	15	169	15
11/30/2022	1.32	1.64	49	5	69	7	69	7
12/31/2022	2	3.43	93	6	133	10	133	10
1/31/2023	2.38	3.54	155	8	182	10	182	10
2/28/2023	2.15	3.1	164	9	233	13	233	13
3/31/2023	2.56	3.4	141	7	193	7	193	7
4/30/2023	2.21	2.82	150	8	200	11	200	11
5/31/2023	2.21	3.5	160	9	226	13	226	13
6/30/2023	1.71	2.91	95	7	127	10	127	10
7/31/2023	2.67	3.53	108	5	231	8	231	8
8/31/2023	1.86	2.67	58	4	74	5	74	5
9/30/2023	1.84	2.51	49	3	62	4	62	4
10/31/2023	1.39	1.78	43	4	98	8	98	8
11/30/2023	1.37	1.7	21	2	35	3	35	3
12/31/2023	2.7	4.47	180	8	192	11	192	11

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Parameter	CBOD5	TSS	TSS	TSS	TSS	TSS	TSS	TSS
	Monthly Ave Min	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max	Monthly Ave Min
Units	%	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L	%
Effluent Limit	85	1024	30	1536	45	1707	50	85
Minimum	92	3	0	8	1	8	1	1.02
Maximum	99	188	10	289	15	289	15	2.7
Median	96	35	2.5	59	4	58.5	4	1.79
No. of Violations	0	0	0	0	0	0	0	60
1/31/2019	95	29	2	42	3	50	3	99
2/28/2019	92	53	4	78	5	78	5	98
3/31/2019	93	37	2	59	4	57	3	99
4/30/2019	94	59	4	102	5	102	5	98
5/31/2019	95	80	4	118	6	118	6	98
6/30/2019	97	28	2	54	4	54	4	99
7/31/2019	99	11	1	24	2	24	2	100
8/31/2019	99	15	1	33	3	33	3	100
9/30/2019	99	9	1	10	1	11	1	100
10/31/2019	98	11	1	13	1	13	1	100
11/30/2019	98	6	1	13	1	14	1	100
12/31/2019	97	3	0	12	1	12	1	100
1/31/2020	96	23	1	28	2	33	2	99
2/29/2020	95	48	3	66	3	66	3	98
3/31/2020	95	45	3	60	4	60	4	99
4/30/2020	94	61	3	80	4	80	4	98
5/31/2020	96	46	3	126	7	126	7	99
6/30/2020	98	5	1	11	1	11	1	100
7/31/2020	99	14	1	23	2	23	2	100
8/31/2020	99	11	1	17	2	17	2	100
9/30/2020	99	11	1	14	1	18	2	100
10/31/2020	99	14	1	20	2	20	2	100
11/30/2020	98	19	2	27	2	27	2	99
12/31/2020	97	31	2	30	2	63	3	99
1/31/2021	97	32	2	63	3	35	2	99
2/28/2021	96	63	5	81	6	81	6	98
3/31/2021	95	109	7	144	9	145	9	97
4/30/2021	95	55	4	65	5	76	5	98
5/31/2021	96	87	6	146	8	146	8	98
6/30/2021	96	107	9	173	15	173	15	98
7/31/2021	98	42	2	77	4	77	4	99

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Parameter	CBOD5	TSS	TSS	TSS	TSS	TSS	TSS	TSS
	Monthly Ave Min	Monthly Ave	Monthly Ave	Weekly Ave	Weekly Ave	Daily Max	Daily Max	Monthly Ave Min
Units	%	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L	%
Effluent Limit	85	1024	30	1536	45	1707	50	85
8/31/2021	97	24	2	49	4	49	4	99
9/30/2021	98	20	1	20	1	28	2	99
10/31/2021	97	13	1	28	2	14	1	99
11/30/2021	98	23	1	38	2	38	2	99
12/31/2021	98	17	1	31	2	31	2	100
1/31/2022	95	71	5	112	7	172	11	97
2/28/2022	94	58	3	67	4	89	5	98
3/31/2022	96	31	2	53	3	53	3	99
4/30/2022	95	77	4	97	6	97	6	98
5/31/2022	94	111	8	152	11	152	11	97
6/30/2022	95	101	8	160	12	160	12	97
7/31/2022	97	26	3	35	4	28	3	99
8/31/2022	96	8	1	8	1	8	1	100
9/30/2022	98	15	2	22	3	22	5	99
10/31/2022	97	13	1	17	2	17	2	100
11/30/2022	98	17	2	24	2	24	2	100
12/31/2022	96	61	3	155	7	155	7	98
1/31/2023	94	188	10	265	12	265	12	94
2/28/2023	94	115	6	238	10	238	10	97
3/31/2023	94	107	5	166	6	166	6	97
4/30/2023	94	104	6	133	8	133	8	96
5/31/2023	92	77	5	156	9	156	9	98
6/30/2023	96	63	4	63	5	112	5	98
7/31/2023	96	119	5	289	10	289	10	97
8/31/2023	97	40	3	59	4	73	5	99
9/30/2023	98	88	5	155	10	155	10	98
10/31/2023	98	33	3	47	4	47	4	99
11/30/2023	99	19	2	23	2	38	3	99
12/31/2023	93	124	5	220	8	220	8	97

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Parameter	pH	pH	E. coli	E. coli	TRC	TRC	TP	Arsenic, total recoverable
	Minimum	Maximum	Monthly Geometric Mean	Daily Max	Monthly Ave	Daily Max	Daily Max	Monthly Ave
Units	SU	SU	MPN/100mL	MPN/100mL	mg/L	mg/L	mg/L	ug/L
Effluent Limit	6.5	8	126	406	1	1	Report	Report
Minimum	5.2	6.3	1	1	0.19	0.26	3	1
Maximum	7.5	7.9	88	220	0.56	0.84	7	2.6
Median	6.9	7.4	5	25.5	0.435	0.56	4	1.3
No. of Violations	16	0	0	0	0	0	N/A	N/A
1/31/2019	7.4	7.7	2	6	0.52	0.57	3	1
2/28/2019	7.5	7.6	2	9	0.5	0.54	3	1.1
3/31/2019	7.5	7.7	1	12	0.46	0.53	4	1
4/30/2019	7.4	7.9	2	8	0.51	0.58	4	1
5/31/2019	7.3	7.6	3	8	0.42	0.48	5	1
6/30/2019	7.4	7.7	5	35	0.46	0.62	4	1.2
7/31/2019	6.9	7.4	1	1	0.46	0.56	5	1.4
8/31/2019	6.1	6.9	2	10	0.32	0.53	4	1.6
9/30/2019	6.5	7	3	9	0.35	0.45	5	1.8
10/31/2019	6.7	7	10	201	0.38	0.48	5	1.7
11/30/2019	6.9	7.5	2	12	0.45	0.61	6	1.5
12/31/2019	7.4	7.6	3	16	0.5	0.64	5	1.1
1/31/2020	7.4	7.6	8	19	0.46	0.54	4	1
2/29/2020	7.5	7.6	5	19	0.46	0.54	4	1
3/31/2020	7.4	7.5	1	4	0.44	0.52	4	1
4/30/2020	7.2	7.5	4	15	0.46	0.55	4	1
5/31/2020	7.2	7.4	1	2	0.46	0.58	4	1
6/30/2020	7.1	7.4	2	9	0.48	0.57	5	1.5
7/31/2020	5.8	7	4	38	0.34	0.59	5	1.9
8/31/2020	6.3	7	7	124	0.36	0.54	6	2.6
9/30/2020	6.8	7.2	2	10	0.37	0.49	7	2.4
10/31/2020	6.7	7.1	9	114	0.42	0.58	7	2.2
11/30/2020	7	7.2	2	19	0.56	0.68	5	1.3
12/31/2020	7.1	7.3	13	58	0.53	0.6	4	1.1
1/31/2021	7.1	7.4	4	32	0.54	0.6	3	1.1
2/28/2021	6.9	7.5	4	22	0.53	0.65	4	1
3/31/2021	7.3	7.5	2	7	0.5	0.58	3	1
4/30/2021	7.4	7.6	3	17	0.54	0.64	4	1
5/31/2021	6	7.4	2	6	0.36	0.46	4	1
6/30/2021	5.2	6.3	12	137	0.37	0.71	5	1.3
7/31/2021	6.3	6.8	6	155	0.48	0.79	6	1.3

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Parameter	pH	pH	E. coli	E. coli	TRC	TRC	TP	Arsenic, total recoverable
	Minimum	Maximum	Monthly Geometric Mean	Daily Max	Monthly Ave	Daily Max	Daily Max	Monthly Ave
Units	SU	SU	MPN/100mL	MPN/100mL	mg/L	mg/L	mg/L	ug/L
Effluent Limit	6.5	8	126	406	1	1	Report	Report
8/31/2021	6.1	6.9	1	5	0.39	0.62	4	1.4
9/30/2021	6.1	6.5	4	10	0.44	0.55	4	1.6
10/31/2021	6.2	7.2	27	47	0.35	0.43	4	1.7
11/30/2021	6.8	7.1	25	48	0.32	0.42	4	1.5
12/31/2021	6.7	7	5	29	0.51	0.6	3	1.1
1/31/2022	7	7.4	3	31	0.49	0.57	4	1.3
2/28/2022	7.2	7.5	11	220	0.56	0.66	4	1.4
3/31/2022	7.4	7.6	2	16	0.53	0.6	3	1.3
4/30/2022	7.3	7.5	6	28	0.41	0.5	3	1.1
5/31/2022	5.4	7.4	8	183	0.29	0.43	4	1.1
6/30/2022	5.6	6.4	1	4	0.31	0.51	4	1.7
7/31/2022	6.3	7.2	4	15	0.33	0.46	6	2.1
8/31/2022	6.7	7.2	5	19	0.29	0.36	5	2.1
9/30/2022	6.5	7	7	33	0.31	0.77	6	2
10/31/2022	6.6	7.2	9	53	0.48	0.84	7	1.4
11/30/2022	7.3	7.4	11	30	0.34	0.66	6	1.7
12/31/2022	7.4	7.6	42	183	0.46	0.61	5	1.1
1/31/2023	7.4	7.6	28	89	0.5	0.63	5	1
2/28/2023	7.4	7.5	7	23	0.44	0.51	3	1
3/31/2023	7.3	7.5	9	30	0.32	0.42	3	1.1
4/30/2023	7.2	7.6	13	32	0.3	0.38	3	1
5/31/2023	7.2	7.3	7	44	0.3	0.41	3	1
6/30/2023	6.5	7.5	7	31	0.3	0.43	3	1.2
7/31/2023	5.5	6.6	49	200	0.26	0.46	5	1.7
8/31/2023	6.3	6.6	29	120	0.29	0.33	4	1.7
9/30/2023	6.2	6.7	88	155	0.19	0.26	4	1.7
10/31/2023	6.3	7.1	7	44	0.43	0.56	4	1.7
11/30/2023	6.5	6.7	3	12	0.41	0.58	3	1.7
12/31/2023	6.5	7.6	21	145	0.38	0.59	4	2.2

Outfall 001

Parameter	Arsenic, total recoverable
	Daily Max
Units	ug/L
Effluent Limit	Report
Minimum	1
Maximum	2.8
Median	1.35
No. of Violations	N/A
1/31/2019	1
2/28/2019	1.2
3/31/2019	1
4/30/2019	1
5/31/2019	1
6/30/2019	1.2
7/31/2019	1.4
8/31/2019	1.6
9/30/2019	1.8
10/31/2019	1.8
11/30/2019	1.5
12/31/2019	1.1
1/31/2020	1
2/29/2020	1
3/31/2020	1
4/30/2020	1
5/31/2020	1
6/30/2020	1.5
7/31/2020	2.2
8/31/2020	2.8
9/30/2020	2.4
10/31/2020	2.3
11/30/2020	1.3
12/31/2020	1.2
1/31/2021	1.2
2/28/2021	1
3/31/2021	1
4/30/2021	1
5/31/2021	1
6/30/2021	1.3
7/31/2021	1.4

Outfall 001

Parameter	Arsenic, total recoverable
	Daily Max
Units	ug/L
Effluent Limit	Report
8/31/2021	1.4
9/30/2021	1.6
10/31/2021	1.7
11/30/2021	1.6
12/31/2021	1.2
1/31/2022	1.5
2/28/2022	1.5
3/31/2022	1.4
4/30/2022	1.1
5/31/2022	1.2
6/30/2022	1.8
7/31/2022	2.3
8/31/2022	2.2
9/30/2022	2.2
10/31/2022	1.5
11/30/2022	1.7
12/31/2022	1.1
1/31/2023	1
2/28/2023	1
3/31/2023	1.1
4/30/2023	1
5/31/2023	1
6/30/2023	1.2
7/31/2023	1.8
8/31/2023	1.7
9/30/2023	1.7
10/31/2023	1.8
11/30/2023	1.7
12/31/2023	2.5

WET Effluent

Parameter	LC50 Acute Ceriodaphnia	LC50 Acute Pimephales	Ammonia	Aluminum	Cadmium	Copper	Lead
	Daily Min	Daily Min	Daily Max	Daily Max	Daily Max	Daily Max	Daily Max
Units	%	%	mg/L	mg/L	mg/L	mg/L	mg/L
Effluent Limit	100	100	Report	Report	Report	Report	Report
Minimum	35.4	67.7	0.1	0	0	0.0066	0
Maximum	100	100	23	0.053	0	0.019	0.0006
Median	100	100	10.08	0.021	0	0.0075	0
No. of Violations	3	2	N/A	N/A	N/A	N/A	N/A
3/31/2019	35.4	100	23	0.039	0	0.012	0.0006
9/30/2019	100	93.9	0.1	0.02	0	0.0074	0
3/31/2020	100	100	19.9	0.029	0	0.0069	0.0004
9/30/2020	100	100	0.1	0	0	0.012	0
3/31/2021	100	100	22	0.053	0	0.019	0
9/30/2021	100	100	0.14	0.0221	0	0.00679	0.000213
3/31/2022	39.2	67.7	23	0.011	0	0.0082	0
9/30/2022	100	100	0.26	0.01	0	0.0067	0
3/31/2023	93.9	100	20	0.022	0	0.0076	0
9/30/2023	100	100	0.16	0.012	0	0.0066	0

WET Effluent

Parameter	Nickel	Zinc	Hardness
	Daily Max	Daily Max	Daily Max
Units	mg/L	mg/L	mg/L
Effluent Limit	Report	Report	Report
Minimum	0	0.02	66
Maximum	0.0065	0.051	76
Median	0.00358	0.043	69.95
No. of Violations	N/A	N/A	N/A
3/31/2019	0.0039	0.049	69
9/30/2019	0.0042	0.051	75
3/31/2020	0.0046	0.045	74
9/30/2020	0.0065	0.041	76
3/31/2021	0	0.048	66
9/30/2021	0.00326	0.0292	69.9
3/31/2022	0.0027	0.048	69
9/30/2022	0.004	0.02	70
3/31/2023	0.0031	0.032	72
9/30/2023	0.0025	0.032	69

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	6.06	0	0.055	0	0	0	0	0
Maximum	7.19	0.18	0.14	0	0.001	0.000341	0.000433	0.0063
Median	6.7	0.08	0.072	0	0	0	0	0
3/31/2019	NODI	NODI	NODI	NODI	NODI	NODI	NODI	NODI
9/30/2019								
3/31/2020	7.19	0.18	0.12	0	0.001	0	0	0.0063
9/30/2020	6.93	0	0.055	0	0.001	0.0003	0	0.0063
3/31/2021	6.8	0	0.06	0	0	0	0	0
9/30/2021	6.7	0.1	0.0996	0	0.000699	0.000341	0.000433	0
3/31/2022	6.06	0.14	0.074	0	0	0	0	0
9/30/2022	6.9							
3/31/2023	6.08	0.16	0.07	0	0	0	0	0
9/30/2023	6.38	0.06	0.14	0	0	0	0	0

WET Ambient

Parameter	Hardness
	Daily Max
Units	mg/L
Effluent Limit	Report
Minimum	13
Maximum	22
Median	17
3/31/2019	NODI
9/30/2019	
3/31/2020	13
9/30/2020	21
3/31/2021	17
9/30/2021	15.6
3/31/2022	22
9/30/2022	22
3/31/2023	18
9/30/2023	13

Ambient Phosphorus

Parameter	Total Phosphorus
Units	mg/L
Site	Station 07A-MER (0.5 miles upstream)
Minimum	0.025
Maximum	0.082
Median	0.0125
7/27/2010	0.065
9/21/2010	0.082
5/17/2012	0.025

Parameter	Total Phosphorus
Units	mg/L
Site	Station M006U (200 ft upstream)
8/10/2016	0.079

Parameter	Flow	TP	TP
	Monthly Ave	Daily Max	Daily Max
Units	MGD	mg/L	mg/L
Effluent Limit	Report	Report	Report
Minimum	1.02	3	41.7
Maximum	2.67	7	131.7
Median	1.65	4	56.7
4/30/2019	1.97	4	65.8
5/31/2019	1.97	5	82.2
6/30/2019	1.65	4	55.1
7/31/2019	1.32	5	55.1
8/31/2019	1.25	4	41.7
9/30/2019	1.14	5	47.6
10/31/2019	1.28	5	53.4
4/30/2020	2.38	4	79.4
5/31/2020	1.75	4	58.4
6/30/2020	1.23	5	51.3
7/31/2020	1.14	5	47.6
8/31/2020	1.06	6	53.1
9/30/2020	1.09	7	63.7
10/31/2020	1.18	7	68.9
4/30/2021	1.7	4	56.7
5/31/2021	1.76	4	58.7
6/30/2021	1.49	5	62.2
7/31/2021	2.63	6	131.7
8/31/2021	1.78	4	59.4
9/30/2021	2.05	4	68.4
10/31/2021	1.59	4	53.1
4/30/2022	2.19	3	54.8
5/31/2022	1.68	4	56.1
6/30/2022	1.37	4	45.7
7/31/2022	1.17	6	58.6
8/31/2022	1.02	5	42.6
9/30/2022	1.15	6	57.6
10/31/2022	1.3	7	75.9
4/30/2023	2.21	3	55.3
5/31/2023	2.21	3	55.3
6/30/2023	1.71	3	42.8
7/31/2023	2.67	5	111.4

Ambient Phosphorus

Parameter	Total Phosphorus
Units	mg/L
Site	Station 07A-MER (0.5 miles upstream)
Minimum	0.025

Parameter	Flow	TP	TP
	Monthly Ave	Daily Max	Daily Max
Units	MGD	mg/L	mg/L
Effluent Limit	Report	Report	Report
8/31/2023	1.86	4	62.1
9/30/2023	1.84	4	61.4
10/31/2023	1.39	4	46.4