ICIS Facility Report

NPDES ID	MS0045021
FRS Facility Site ID	1268243
Permit Name	SANDERSON FARMS INC, MCCOMB PROCESSIN
City	SUMMIT

Permit Type Desc	NPDES Individual Permit
Curr. Major Minor Status	Minor
Permit Status Desc	Effective
Issuing Agency Type Desc	State

Issue Date	3/31/15
Effective Date	4/1/15
Expiration Date	2/28/20

Latitude in Decimal Degrees	31.274972
Longitude in Decimal Degrees	-90.374694
Horizontal Accuracy Measure	150
Geometric Type Desc	

Horizontal Collect Method Desc	GPS-Unspecifie
Horizontal Reference Datum Desc	NAD83
Source Map Scale Number	24,000
Reference Point Desc	Facility/Station B

Total App. Design Flow (MGD)	0.18
Total Actual Average Flow (MGD)	
State Water Body	03180005
State Water Body Name	BOGUE CHITTO RI

Location Address	4039 RIVER RIDGE ROAD
Supplemental Address	MCCOMB PROCESSING
City	SUMMIT
State Code	MS
Zip	39666

DMR Cognizant Official	MS. STEPHANIE SHOEMAKER
DMR Cognizant Offcl Telephone	601-684-9375
Primary Permit SIC Desc	Poultry Slaughtering And Processing

Component Type Desc

Inspections in Last 5 Years

Actual End Date	Compliance Monitoring Type Desc	Agency Type Desc
5/10/02	Evaluation	State
7/23/08	Evaluation	State
2/27/13	Evaluation	State
10/27/17	Evaluation	State
4/27/18	Evaluation	State

ICIS Facility Report

Enforcement in Last 5 Years

Issued By	EA Type Desc	Final Order Issued Date	Informal Achieved Date
State	Letter of Violation/ Warning Letter		11/16/05
State	Letter of Violation/ Warning Letter		7/19/07
State	Letter of Violation/ Warning Letter		8/25/09
State	Letter of Violation/ Warning Letter		2/25/13
State	Letter of Violation/ Warning Letter		5/1/14
State	Letter of Violation/ Warning Letter		10/9/14
State	Letter of Violation/ Warning Letter		5/4/15

DMR Summary

Permit MS0045021

Permit Name	Version Nmbr	Curr. Major Minor Status	Issue Date	Effective Date	Expiration Date
SANDERSON FARMS INC, MCCOMB PROCESSING	0	Minor	3/31/15	4/1/15	2/28/20

Version # 0

Outfall 001A

00145 Total production - mass / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	Measured	Daily

Limit		
Limit Unit Desc	Pounds per Day	Pounds per Day
Statistical Base	MO AVG	DAILY MX
Limit Value		
DMR Values		
1/31/18	1660927	1660927
1/31/18	1815323	1815323
2/28/18	1578646	1578646
2/28/18	1794667	1794667
3/31/18	1671881	1671881
3/31/18	1837619	1837619
4/30/18	1716810	1716810
4/30/18	1934367	1934367
5/31/18	1755059	1755059
5/31/18	1912128	1912128
6/30/18	1745301	1745301
6/30/18	1876537	1876537
7/31/18	1718714	1718714
7/31/18	1858320	1858320
8/31/18	1797944	1797944
8/31/18	1926117	1926117
9/30/18	1609023	1609023
9/30/18	1854820	1854820
10/31/18	1777657	1777657
10/31/18	1847584	1847584
11/30/18	1760054	1760054
11/30/18	1909528	1909528
12/31/18	1662282	1662282
12/31/18	1978092	1978092
1/31/19	1765456	1765456
1/31/19	1934790	1934790
2/28/19	1824243	1824243
2/28/19	1904163	1904163
3/31/19	1793714	1793714
3/31/19	1890332	1890332
4/30/19	1794310	1794310
4/30/19	1927807	1927807
5/31/19	1650197	1650197
5/31/19	1824225	1824225
6/30/19	1745837	1745837
6/30/19	1862928	1862928
7/31/19	1797673	1797673
7/31/19	1904441	1904441
8/31/19	1765958	1765958

DMR Summary

Permit MS0045021

Version # 0

Outfall 001A

00145 Total production - mass / Location 1 / Season 0 / Base

DMR Values		
8/31/19	1909927	1909927
9/30/19	1812444	1812444
9/30/19	1910126	1910126
10/31/19	1846827	1846827
10/31/19	1958673	1958673
11/30/19	1892921	1892921
11/30/19	1972914	1972914
12/31/19		

00310 BOD, 5-day, 20 deg. C / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value	234	380	16	26
DMR Values				
1/31/18	35	35	35	35
1/31/18	4.2	4.2	4.2	4.2
1/31/18	45	45	45	45
1/31/18	5.4	5.4	5.4	5.4
2/28/18	23	23	23	23
2/28/18	35	35	35	35
2/28/18	3.7	3.7	3.7	3.7
2/28/18	3.9	3.9	3.9	3.9
3/31/18	17	17	17	17
3/31/18	23	23	23	23
3/31/18	2.6	2.6	2.6	2.6
3/31/18	4	4	4	4
4/30/18	22	22	22	22
4/30/18	2.8	2.8	2.8	2.8
4/30/18	47	47	47	47
4/30/18	6	6	6	6
5/31/18	49	49	49	49
5/31/18	5.6	5.6	5.6	5.6
5/31/18	63	63	63	63
5/31/18	6.5	6.5	6.5	6.5
6/30/18	55	55	55	55
6/30/18	6.3	6.3	6.3	6.3
6/30/18	74	74	74	74
6/30/18	8.7	8.7	8.7	8.7
7/31/18	28.5	28.5	28.5	28.5
7/31/18	3.5	3.5	3.5	3.5
7/31/18	54.5	54.5	54.5	54.5
7/31/18	6	6	6	6
8/31/18	38	38	38	38
8/31/18	4.3	4.3	4.3	4.3
8/31/18	44	44	44	44
8/31/18	5	5	5	5

DMR Summary

Permit MS0045021

Version # 0

Outfall 001A

00310 BOD, 5-day, 20 deg. C / Location 1 / Season 0 / Base

DMR Values				
9/30/18	49	49	49	49
9/30/18	5	5	5	5
9/30/18	6	6	6	6
9/30/18	62	62	62	62
10/31/18	34	34	34	34
10/31/18	3.8	3.8	3.8	3.8
10/31/18	39	39	39	39
10/31/18	4.7	4.7	4.7	4.7
11/30/18	29	29	29	29
11/30/18	3.4	3.4	3.4	3.4
11/30/18	68	68	68	68
11/30/18	7.9	7.9	7.9	7.9
12/31/18	48	48	48	48
12/31/18	5.6	5.6	5.6	5.6
12/31/18	73	73	73	73
12/31/18	7.7	7.7	7.7	7.7
1/31/19	41	41	41	41
1/31/19	5	5	5	5
1/31/19	68	68	68	68
1/31/19	9	9	9	9
2/28/19	29.3	29.3	29.3	29.3
2/28/19	3.5	3.5	3.5	3.5
2/28/19	44.2	44.2	44.2	44.2
2/28/19	4.8	4.8	4.8	4.8
3/31/19	63.6	63.6	63.6	63.6
3/31/19	7.3	7.3	7.3	7.3
3/31/19	73.1	73.1	73.1	73.1
3/31/19	8	8	8	8
4/30/19	45	45	45	45
4/30/19	4.8	4.8	4.8	4.8
4/30/19	61	61	61	61
4/30/19	6.7	6.7	6.7	6.7
5/31/19	18	18	18	18
5/31/19	2.1	2.1	2.1	2.1
5/31/19	31	31	31	31
5/31/19	3.2	3.2	3.2	3.2
6/30/19	32	32	32	32
6/30/19	3.4	3.4	3.4	3.4
6/30/19	37	37	37	37
6/30/19	4	4	4	4
7/31/19	51.5	51.5	51.5	51.5
7/31/19	6	6	6	6
7/31/19	64.1	64.1	64.1	64.1
7/31/19	8.1	8.1	8.1	8.1
8/31/19	40	40	40	40
8/31/19	50	50	50	50
8/31/19	5.3	5.3	5.3	5.3
8/31/19	6.5	6.5	6.5	6.5
9/30/19	42	42	42	42
9/30/19	5.3	5.3	5.3	5.3
9/30/19	57	57	57	57
9/30/19	7.1	7.1	7.1	7.1

DMR Summary

Permit MS0045021

Version # 0

Outfall 001A

00310 BOD, 5-day, 20 deg. C / Location 1 / Season 0 / Base

DMR Values				
10/31/19	20	20	20	20
10/31/19	25	25	25	25
10/31/19	2.8	2.8	2.8	2.8
10/31/19	3.3	3.3	3.3	3.3
11/30/19	23	23	23	23
11/30/19	33	33	33	33
11/30/19	4.5	4.5	4.5	4.5
11/30/19	5.9	5.9	5.9	5.9
12/31/19				

00400 pH / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	Grab	Weekly

Limit		
Limit Unit Desc	Standard Units	Standard Units
Statistical Base	MINIMUM	MAXIMUM
Limit Value	6	9
DMR Values		
1/31/18	6.6	6.6
1/31/18	7.4	7.4
2/28/18	6.6	6.6
2/28/18	7.3	7.3
3/31/18	6.7	6.7
3/31/18	7.3	7.3
4/30/18	6.9	6.9
4/30/18	7.3	7.3
5/31/18	6.8	6.8
5/31/18	7.3	7.3
6/30/18	7	7
6/30/18	7.4	7.4
7/31/18	6.7	6.7
7/31/18	7.7	7.7
8/31/18	6.5	6.5
8/31/18	7.3	7.3
9/30/18	6.9	6.9
9/30/18	7.2	7.2
10/31/18	6.9	6.9
10/31/18	7.4	7.4
11/30/18	6.8	6.8
11/30/18	7.4	7.4
12/31/18	6.9	6.9
12/31/18	7.7	7.7
1/31/19	7	7
1/31/19	7.6	7.6
2/28/19	6.2	6.2
2/28/19	7.8	7.8
3/31/19	6.9	6.9
3/31/19	7.8	7.8
4/30/19	6.9	6.9

DMR Summary

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Outfall 001A

00400 pH / Location 1 / Season 0 / Base

DMR Values		
4/30/19	7.3	7.3
5/31/19	6.2	6.2
5/31/19	7.6	7.6
6/30/19	6	6
6/30/19	7.6	7.6
7/31/19	6.7	6.7
7/31/19	7.7	7.7
8/31/19	6.9	6.9
8/31/19	7.5	7.5
9/30/19	6.6	6.6
9/30/19	7.4	7.4
10/31/19	6.8	6.8
10/31/19	7.3	7.3
11/30/19	6.7	6.7
11/30/19	7.4	7.4
12/31/19		

00530 Solids, total suspended / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value	292	438	20	30
DMR Values				
1/31/18	111	111	111	111
1/31/18	13	13	13	13
1/31/18	74	74	74	74
1/31/18	9	9	9	9
2/28/18	11	11	11	11
2/28/18	56	56	56	56
2/28/18	7	7	7	7
2/28/18	98	98	98	98
3/31/18	163	163	163	163
3/31/18	22	22	22	22
3/31/18	67	67	67	67
3/31/18	9	9	9	9
4/30/18	11	11	11	11
4/30/18	206	206	206	206
4/30/18	26	26	26	26
4/30/18	93	93	93	93
5/31/18	59	59	59	59
5/31/18	7	7	7	7
5/31/18	88	88	88	88
5/31/18	9	9	9	9
6/30/18	10	10	10	10
6/30/18	106	106	106	106
6/30/18	12	12	12	12
6/30/18	89	89	89	89

DMR Summary

Permit MS0045021

Version # 0

Outfall 001A

00530 Solids, total suspended / Location 1 / Season 0 / Base

DMR Values				
7/31/18	143	143	143	143
7/31/18	15	15	15	15
7/31/18	83	83	83	83
7/31/18	9	9	9	9
8/31/18	134	134	134	134
8/31/18	14	14	14	14
8/31/18	70	70	70	70
8/31/18	8	8	8	8
9/30/18	124	124	124	124
9/30/18	13	13	13	13
9/30/18	69	69	69	69
9/30/18	7	7	7	7
10/31/18	51	51	51	51
10/31/18	6	6	6	6
10/31/18	68	68	68	68
10/31/18	8	8	8	8
11/30/18	11	11	11	11
11/30/18	60	60	60	60
11/30/18	7	7	7	7
11/30/18	95	95	95	95
12/31/18	104	104	104	104
12/31/18	11	11	11	11
12/31/18	63	63	63	63
12/31/18	8	8	8	8
1/31/19	106	106	106	106
1/31/19	13	13	13	13
1/31/19	143	143	143	143
1/31/19	18	18	18	18
2/28/19	10	10	10	10
2/28/19	12	12	12	12
2/28/19	83	83	83	83
2/28/19	96	96	96	96
3/31/19	11	11	11	11
3/31/19	64	64	64	64
3/31/19	8	8	8	8
3/31/19	81.5	81.5	81.5	81.5
4/30/19	100	100	100	100
4/30/19	14	14	14	14
4/30/19	42	42	42	42
4/30/19	7	7	7	7
5/31/19	49	49	49	49
5/31/19	6	6	6	6
5/31/19	69	69	69	69
5/31/19	8	8	8	8
6/30/19	10	10	10	10
6/30/19	66	66	66	66
6/30/19	7	7	7	7
6/30/19	89	89	89	89
7/31/19	54	54	54	54
7/31/19	6	6	6	6
7/31/19	78	78	78	78
7/31/19	9	9	9	9

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Outfall 001A

00530 Solids, total suspended / Location 1 / Season 0 / Base

DMR Values				
8/31/19	10	10	10	10
8/31/19	61	61	61	61
8/31/19	8	8	8	8
8/31/19	82	82	82	82
9/30/19	57	57	57	57
9/30/19	7	7	7	7
9/30/19	73	73	73	73
9/30/19	9	9	9	9
10/31/19	41	41	41	41
10/31/19	57	57	57	57
10/31/19	6	6	6	6
10/31/19	8	8	8	8
11/30/19	35	35	35	35
11/30/19	44	44	44	44
11/30/19	7	7	7	7
11/30/19	9	9	9	9
12/31/19				

00552 Oil and grease, hexane extr method / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	Grab	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value	117	204	8	14
DMR Values				
1/31/18	23	23	23	23
1/31/18	2.6	2.6	2.6	2.6
1/31/18	58	58	58	58
1/31/18	7	7	7	7
2/28/18	NODI=B	NODI=B	NODI=B	NODI=B
3/31/18	1.3	1.3	1.3	1.3
3/31/18	37	37	37	37
3/31/18	5	5	5	5
3/31/18	9	9	9	9
4/30/18	NODI=B	NODI=B	NODI=B	NODI=B
5/31/18	NODI=B	NODI=B	NODI=B	NODI=B
6/30/18	NODI=F	NODI=F	NODI=F	NODI=F
7/31/18	1	1	1	1
7/31/18	48	48	48	48
7/31/18	5	5	5	5
7/31/18	9.5	9.5	9.5	9.5
8/31/18	1.3	1.3	1.3	1.3
8/31/18	38	38	38	38
8/31/18	5	5	5	5
8/31/18	9	9	9	9
9/30/18	NODI=B	NODI=B	NODI=B	NODI=B
10/31/18	NODI=B	NODI=B	NODI=B	NODI=B
11/30/18	NODI=B	NODI=B	NODI=B	NODI=B

DMR Summary

Permit MS0045021

Version # 0

Outfall 001A

00552 Oil and grease, hexane extr method / Location 1 / Season 0 / Base

DMR Values				
12/31/18	NODI=B	NODI=B	NODI=B	NODI=B
1/31/19	NODI=B	NODI=B	NODI=B	NODI=B
2/28/19	NODI=B	NODI=B	NODI=B	NODI=B
3/31/19	NODI=B	NODI=B	NODI=B	NODI=B
4/30/19	NODI=B	NODI=B	NODI=B	NODI=B
5/31/19	NODI=B	NODI=B	NODI=B	NODI=B
6/30/19	NODI=B	NODI=B	NODI=B	NODI=B
7/31/19	NODI=B	NODI=B	NODI=B	NODI=B
8/31/19	NODI=B	NODI=B	NODI=B	NODI=B
9/30/19	NODI=B	NODI=B	NODI=B	NODI=B
10/31/19	NODI=B	NODI=B	NODI=B	NODI=B
11/30/19	NODI=B	NODI=B	NODI=B	NODI=B
12/31/19				

00600 Nitrogen, total [as N] / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value	1503	2146	103	147
DMR Values				
1/31/18	677	677	677	677
1/31/18	79	79	79	79
1/31/18	888	888	888	888
1/31/18	93	93	93	93
2/28/18	1183	1183	1183	1183
2/28/18	124.5	124.5	124.5	124.5
2/28/18	703	703	703	703
2/28/18	87	87	87	87
3/31/18	531	531	531	531
3/31/18	608	608	608	608
3/31/18	76	76	76	76
3/31/18	90	90	90	90
4/30/18	673	673	673	673
4/30/18	737	737	737	737
4/30/18	79	79	79	79
4/30/18	93	93	93	93
5/31/18	625	625	625	625
5/31/18	713	713	713	713
5/31/18	75	75	75	75
5/31/18	80	80	80	80
6/30/18	560	560	560	560
6/30/18	65	65	65	65
6/30/18	715	715	715	715
6/30/18	84	84	84	84
7/31/18	554	554	554	554
7/31/18	63	63	63	63
7/31/18	895	895	895	895

DMR Summary

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Outfall 001A

00600 Nitrogen, total [as N] / Location 1 / Season 0 / Base

DMR Values				
7/31/18	95	95	95	95
8/31/18	532	532	532	532
8/31/18	589	589	589	589
8/31/18	60	60	60	60
8/31/18	66	66	66	66
9/30/18	522	522	522	522
9/30/18	55	55	55	55
9/30/18	567	567	567	567
9/30/18	59	59	59	59
10/31/18	487	487	487	487
10/31/18	55	55	55	55
10/31/18	604	604	604	604
10/31/18	68	68	68	68
11/30/18	526	526	526	526
11/30/18	598	598	598	598
11/30/18	60	60	60	60
11/30/18	71	71	71	71
12/31/18	570	570	570	570
12/31/18	667	667	667	667
12/31/18	69	69	69	69
12/31/18	75	75	75	75
1/31/19	598	598	598	598
1/31/19	70	70	70	70
1/31/19	741	741	741	741
1/31/19	83	83	83	83
2/28/19	102	102	102	102
2/28/19	1218	1218	1218	1218
2/28/19	130	130	130	130
2/28/19	849	849	849	849
3/31/19	648	648	648	648
3/31/19	74	74	74	74
3/31/19	818	818	818	818
3/31/19	90	90	90	90
4/30/19	535	535	535	535
4/30/19	60.7	60.7	60.7	60.7
4/30/19	759	759	759	759
4/30/19	81.5	81.5	81.5	81.5
5/31/19	601	601	601	601
5/31/19	688	688	688	688
5/31/19	71	71	71	71
5/31/19	82	82	82	82
6/30/19	732	732	732	732
6/30/19	766	766	766	766
6/30/19	79	79	79	79
6/30/19	84	84	84	84
7/31/19	665	665	665	665
7/31/19	762	762	762	762
7/31/19	77	77	77	77
7/31/19	88	88	88	88
8/31/19	113	113	113	113
8/31/19	691	691	691	691
8/31/19	736	736	736	736

DMR Summary

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00600 Nitrogen, total [as N] / Location 1 / Season 0 / Base

DMR Values				
8/31/19	92.5	92.5	92.5	92.5
9/30/19	517	517	517	517
9/30/19	593	593	593	593
9/30/19	67	67	67	67
9/30/19	73	73	73	73
10/31/19	610	610	610	610
10/31/19	726	726	726	726
10/31/19	79	79	79	79
10/31/19	97	97	97	97
11/30/19	388	388	388	388
11/30/19	455	455	455	455
11/30/19	78	78	78	78
11/30/19	81	81	81	81
12/31/19				

00610 Nitrogen, ammonia total [as N] / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value	58	117	4	8
DMR Values				
1/31/18	NODI=B	NODI=B	NODI=B	NODI=B
2/28/18	10.4	10.4	10.4	10.4
2/28/18	1.1	1.1	1.1	1.1
2/28/18	2.6	2.6	2.6	2.6
2/28/18	.3	.3	.3	.3
3/31/18	NODI=B	NODI=B	NODI=B	NODI=B
4/30/18	NODI=B	NODI=B	NODI=B	NODI=B
5/31/18	1	1	1	1
5/31/18	1.5	1.5	1.5	1.5
5/31/18	.2	.2	.2	.2
5/31/18	7.7	7.7	7.7	7.7
6/30/18	NODI=B	NODI=B	NODI=B	NODI=B
7/31/18	NODI=B	NODI=B	NODI=B	NODI=B
8/31/18	NODI=B	NODI=B	NODI=B	NODI=B
9/30/18	NODI=B	NODI=B	NODI=B	NODI=B
10/31/18	NODI=B	NODI=B	NODI=B	NODI=B
11/30/18	NODI=B	NODI=B	NODI=B	NODI=B
12/31/18	NODI=B	NODI=B	NODI=B	NODI=B
1/31/19	1.1	1.1	1.1	1.1
1/31/19	1.7	1.7	1.7	1.7
1/31/19	.2	.2	.2	.2
1/31/19	8.7	8.7	8.7	8.7
2/28/19	NODI=B	NODI=B	NODI=B	NODI=B
3/31/19	NODI=B	NODI=B	NODI=B	NODI=B
4/30/19	NODI=B	NODI=B	NODI=B	NODI=B
5/31/19	NODI=B	NODI=B	NODI=B	NODI=B

DMR Summary

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00610 Nitrogen, ammonia total [as N] / Location 1 / Season 0 / Base

DMR Values				
6/30/19	NODI=B	NODI=B	NODI=B	NODI=B
7/31/19	NODI=B	NODI=B	NODI=B	NODI=B
8/31/19	NODI=B	NODI=B	NODI=B	NODI=B
9/30/19	NODI=B	NODI=B	NODI=B	NODI=B
10/31/19	NODI=B	NODI=B	NODI=B	NODI=B
11/30/19	1.1	1.1	1.1	1.1
11/30/19	1.5	1.5	1.5	1.5
11/30/19	.3	.3	.3	.3
11/30/19	6.2	6.2	6.2	6.2
12/31/19				

00625 Nitrogen, Kjeldahl, total [as N] / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value				
DMR Values				
1/31/18	12.7	12.7	12.7	12.7
1/31/18	1.6	1.6	1.6	1.6
1/31/18	23	23	23	23
1/31/18	2.8	2.8	2.8	2.8
2/28/18	11.3	11.3	11.3	11.3
2/28/18	1.4	1.4	1.4	1.4
2/28/18	22.8	22.8	22.8	22.8
2/28/18	2.4	2.4	2.4	2.4
3/31/18	1.1	1.1	1.1	1.1
3/31/18	1.2	1.2	1.2	1.2
3/31/18	8	8	8	8
3/31/18	8.9	8.9	8.9	8.9
4/30/18	10	10	10	10
4/30/18	11	11	11	11
4/30/18	1.2	1.2	1.2	1.2
4/30/18	1.3	1.3	1.3	1.3
5/31/18	13.5	13.5	13.5	13.5
5/31/18	1.6	1.6	1.6	1.6
5/31/18	27	27	27	27
5/31/18	3.5	3.5	3.5	3.5
6/30/18	11	11	11	11
6/30/18	1.2	1.2	1.2	1.2
6/30/18	13	13	13	13
6/30/18	1.5	1.5	1.5	1.5
7/31/18	10	10	10	10
7/31/18	1.1	1.1	1.1	1.1
7/31/18	1.2	1.2	1.2	1.2
7/31/18	9	9	9	9
8/31/18	12.5	12.5	12.5	12.5
8/31/18	1.4	1.4	1.4	1.4

DMR Summary

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00625 Nitrogen, Kjeldahl, total [as N] / Location 1 / Season 0 / Base

DMR Values				
8/31/18	1.6	1.6	1.6	1.6
8/31/18	16	16	16	16
9/30/18	11.4	11.4	11.4	11.4
9/30/18	1.2	1.2	1.2	1.2
9/30/18	12.7	12.7	12.7	12.7
9/30/18	1.3	1.3	1.3	1.3
10/31/18	12	12	12	12
10/31/18	1.4	1.4	1.4	1.4
10/31/18	18	18	18	18
10/31/18	2.2	2.2	2.2	2.2
11/30/18	10	10	10	10
11/30/18	1.1	1.1	1.1	1.1
11/30/18	11	11	11	11
11/30/18	1.3	1.3	1.3	1.3
12/31/18	1.2	1.2	1.2	1.2
12/31/18	13.2	13.2	13.2	13.2
12/31/18	1.4	1.4	1.4	1.4
12/31/18	9.9	9.9	9.9	9.9
1/31/19	12	12	12	12
1/31/19	1.3	1.3	1.3	1.3
1/31/19	18	18	18	18
1/31/19	1.9	1.9	1.9	1.9
2/28/19	13	13	13	13
2/28/19	1.5	1.5	1.5	1.5
2/28/19	22	22	22	22
2/28/19	2.3	2.3	2.3	2.3
3/31/19	10.6	10.6	10.6	10.6
3/31/19	1.2	1.2	1.2	1.2
3/31/19	13.7	13.7	13.7	13.7
3/31/19	1.5	1.5	1.5	1.5
4/30/19	15	15	15	15
4/30/19	1.7	1.7	1.7	1.7
4/30/19	23	23	23	23
4/30/19	2.5	2.5	2.5	2.5
5/31/19	10	10	10	10
5/31/19	1.2	1.2	1.2	1.2
5/31/19	1.3	1.3	1.3	1.3
5/31/19	13	13	13	13
6/30/19	10.6	10.6	10.6	10.6
6/30/19	1.2	1.2	1.2	1.2
6/30/19	12.1	12.1	12.1	12.1
6/30/19	1.3	1.3	1.3	1.3
7/31/19	1.1	1.1	1.1	1.1
7/31/19	11	11	11	11
7/31/19	1.3	1.3	1.3	1.3
7/31/19	9.5	9.5	9.5	9.5
8/31/19	10.7	10.7	10.7	10.7
8/31/19	1.2	1.2	1.2	1.2
8/31/19	1.4	1.4	1.4	1.4
8/31/19	9.1	9.1	9.1	9.1
9/30/19	10.5	10.5	10.5	10.5
9/30/19	1.1	1.1	1.1	1.1

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00625 Nitrogen, Kjeldahl, total [as N] / Location 1 / Season 0 / Base

DMR Values				
9/30/19	1.3	1.3	1.3	1.3
9/30/19	8.7	8.7	8.7	8.7
10/31/19	11	11	11	11
10/31/19	1.2	1.2	1.2	1.2
10/31/19	1.3	1.3	1.3	1.3
10/31/19	8.4	8.4	8.4	8.4
11/30/19	1.2	1.2	1.2	1.2
11/30/19	1.4	1.4	1.4	1.4
11/30/19	5.9	5.9	5.9	5.9
11/30/19	7.8	7.8	7.8	7.8
12/31/19				

00630 Nitrite + Nitrate total [as N] / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value				
DMR Values				
1/31/18	665	665	665	665
1/31/18	77.5	77.5	77.5	77.5
1/31/18	881	881	881	881
1/31/18	92	92	92	92
2/28/18	1160	1160	1160	1160
2/28/18	122	122	122	122
2/28/18	692	692	692	692
2/28/18	86	86	86	86
3/31/18	523	523	523	523
3/31/18	599	599	599	599
3/31/18	75	75	75	75
3/31/18	89	89	89	89
4/30/18	663	663	663	663
4/30/18	727	727	727	727
4/30/18	78	78	78	78
4/30/18	92	92	92	92
5/31/18	638	638	638	638
5/31/18	73.5	73.5	73.5	73.5
5/31/18	746	746	746	746
5/31/18	78.9	78.9	78.9	78.9
6/30/18	550	550	550	550
6/30/18	64	64	64	64
6/30/18	702	702	702	702
6/30/18	82	82	82	82
7/31/18	544	544	544	544
7/31/18	62	62	62	62
7/31/18	884	884	884	884
7/31/18	94	94	94	94
8/31/18	519	519	519	519

DMR Summary

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Outfall 001A

00630 Nitrite + Nitrate total [as N] / Location 1 / Season 0 / Base

DMR Values				
8/31/18	58	58	58	58
8/31/18	580	580	580	580
8/31/18	65	65	65	65
9/30/18	511	511	511	511
9/30/18	53.8	53.8	53.8	53.8
9/30/18	557	557	557	557
9/30/18	58.2	58.2	58.2	58.2
10/31/18	475	475	475	475
10/31/18	53.6	53.6	53.6	53.6
10/31/18	594	594	594	594
10/31/18	67	67	67	67
11/30/18	516	516	516	516
11/30/18	587	587	587	587
11/30/18	59	59	59	59
11/30/18	70	70	70	70
12/31/18	560	560	560	560
12/31/18	653	653	653	653
12/31/18	68	68	68	68
12/31/18	74	74	74	74
1/31/19	587	587	587	587
1/31/19	69	69	69	69
1/31/19	727	727	727	727
1/31/19	82	82	82	82
2/28/19	100	100	100	100
2/28/19	128	128	128	128
2/28/19	590	590	590	590
2/28/19	792	792	792	792
3/31/19	637	637	637	637
3/31/19	72.6	72.6	72.6	72.6
3/31/19	804	804	804	804
3/31/19	88	88	88	88
4/30/19	520	520	520	520
4/30/19	59	59	59	59
4/30/19	736	736	736	736
4/30/19	79	79	79	79
5/31/19	591	591	591	591
5/31/19	677	677	677	677
5/31/19	70	70	70	70
5/31/19	81	81	81	81
6/30/19	721	721	721	721
6/30/19	756	756	756	756
6/30/19	78	78	78	78
6/30/19	83	83	83	83
7/31/19	655	655	655	655
7/31/19	751	751	751	751
7/31/19	76	76	76	76
7/31/19	87	87	87	87
8/31/19	112	112	112	112
8/31/19	682	682	682	682
8/31/19	725	725	725	725
8/31/19	91	91	91	91
9/30/19	508	508	508	508

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00630 Nitrite + Nitrate total [as N] / Location 1 / Season 0 / Base

DMR Values				
9/30/19	583	583	583	583
9/30/19	66	66	66	66
9/30/19	72	72	72	72
10/31/19	566	566	566	566
10/31/19	717	717	717	717
10/31/19	78	78	78	78
10/31/19	96	96	96	96
11/30/19	382	382	382	382
11/30/19	448	448	448	448
11/30/19	76.5	76.5	76.5	76.5
11/30/19	80	80	80	80
12/31/19				

00665 Phosphorus, total [as P] / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	24 Hour Composite	Weekly

Limit				
Limit Unit Desc	Pounds per Day	Pounds per Day	Milligrams per Liter	Milligrams per Liter
Statistical Base	MO AVG	DAILY MX	MO AVG	DAILY MX
Limit Value				
DMR Values				
1/31/18	101	101	101	101
1/31/18	11	11	11	11
1/31/18	15	15	15	15
1/31/18	93	93	93	93
2/28/18	10	10	10	10
2/28/18	108	108	108	108
2/28/18	11.4	11.4	11.4	11.4
2/28/18	79	79	79	79
3/31/18	10.6	10.6	10.6	10.6
3/31/18	12.6	12.6	12.6	12.6
3/31/18	74	74	74	74
3/31/18	83	83	83	83
4/30/18	111	111	111	111
4/30/18	131	131	131	131
4/30/18	13.3	13.3	13.3	13.3
4/30/18	15.8	15.8	15.8	15.8
5/31/18	107	107	107	107
5/31/18	12	12	12	12
5/31/18	174	174	174	174
5/31/18	17.6	17.6	17.6	17.6
6/30/18	10.4	10.4	10.4	10.4
6/30/18	113	113	113	113
6/30/18	13.2	13.2	13.2	13.2
6/30/18	90	90	90	90
7/31/18	110	110	110	110
7/31/18	12.5	12.5	12.5	12.5
7/31/18	156	156	156	156
7/31/18	16.4	16.4	16.4	16.4

DMR Summary

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00665 Phosphorus, total [as P] / Location 1 / Season 0 / Base

DMR Values				
8/31/18	113	113	113	113
8/31/18	12.6	12.6	12.6	12.6
8/31/18	140	140	140	140
8/31/18	14.4	14.4	14.4	14.4
9/30/18	131	131	131	131
9/30/18	13.7	13.7	13.7	13.7
9/30/18	145	145	145	145
9/30/18	14.8	14.8	14.8	14.8
10/31/18	112	112	112	112
10/31/18	13.8	13.8	13.8	13.8
10/31/18	6.9	6.9	6.9	6.9
10/31/18	83.5	83.5	83.5	83.5
11/30/18	130	130	130	130
11/30/18	15	15	15	15
11/30/18	155	155	155	155
11/30/18	18	18	18	18
12/31/18	105	105	105	105
12/31/18	11.1	11.1	11.1	11.1
12/31/18	14.6	14.6	14.6	14.6
12/31/18	90	90	90	90
1/31/19	115	115	115	115
1/31/19	13.6	13.6	13.6	13.6
1/31/19	146	146	146	146
1/31/19	15.4	15.4	15.4	15.4
2/28/19	103	103	103	103
2/28/19	12.4	12.4	12.4	12.4
2/28/19	138	138	138	138
2/28/19	15	15	15	15
3/31/19	114	114	114	114
3/31/19	13	13	13	13
3/31/19	132	132	132	132
3/31/19	14.4	14.4	14.4	14.4
4/30/19	148	148	148	148
4/30/19	16.7	16.7	16.7	16.7
4/30/19	202	202	202	202
4/30/19	21.5	21.5	21.5	21.5
5/31/19	111	111	111	111
5/31/19	13	13	13	13
5/31/19	137	137	137	137
5/31/19	15.8	15.8	15.8	15.8
6/30/19	116	116	116	116
6/30/19	12.5	12.5	12.5	12.5
6/30/19	145	145	145	145
6/30/19	15.6	15.6	15.6	15.6
7/31/19	106	106	106	106
7/31/19	12.1	12.1	12.1	12.1
7/31/19	158	158	158	158
7/31/19	16.8	16.8	16.8	16.8
8/31/19	108	108	108	108
8/31/19	13.9	13.9	13.9	13.9
8/31/19	150	150	150	150
8/31/19	18.2	18.2	18.2	18.2

DMR Summary

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00665 Phosphorus, total [as P] / Location 1 / Season 0 / Base

DMR Values				
9/30/19	12.4	12.4	12.4	12.4
9/30/19	140	140	140	140
9/30/19	16.4	16.4	16.4	16.4
9/30/19	96	96	96	96
10/31/19	110	110	110	110
10/31/19	126	126	126	126
10/31/19	16	16	16	16
10/31/19	19	19	19	19
11/30/19	11.4	11.4	11.4	11.4
11/30/19	140	140	140	140
11/30/19	25	25	25	25
11/30/19	55	55	55	55
12/31/19				

50050 Flow, in conduit or thru treatment plant / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	Instantaneous	Daily

Limit		
Limit Unit Desc	Million Gallons per	Million Gallons per
Statistical Base	MO AVG	DAILY MX
Limit Value		
DMR Values		
1/31/18	1.012	1.012
1/31/18	1.231	1.231
2/28/18	1.23	1.23
2/28/18	.92	.92
3/31/18	1.265	1.265
3/31/18	.937	.937
4/30/18	1.024	1.024
4/30/18	1.271	1.271
5/31/18	1.057	1.057
5/31/18	1.32	1.32
6/30/18	1.002	1.002
6/30/18	1.265	1.265
7/31/18	1.043	1.043
7/31/18	1.316	1.316
8/31/18	1.139	1.139
8/31/18	1.318	1.318
9/30/18	1.123	1.123
9/30/18	1.329	1.329
10/31/18	1.082	1.082
10/31/18	1.275	1.275
11/30/18	1.181	1.181
11/30/18	.94	.94
12/31/18	1.022	1.022
12/31/18	1.305	1.305
1/31/19	1.087	1.087
1/31/19	1.289	1.289
2/28/19	1.015	1.015

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50050 Flow, in conduit or thru treatment plant / Location 1 / Season 0 / Base

DMR Values		
2/28/19	1.261	1.261
3/31/19	1.07	1.07
3/31/19	1.245	1.245
4/30/19	1.125	1.125
4/30/19	1.303	1.303
5/31/19	1.003	1.003
5/31/19	1.384	1.384
6/30/19	1.085	1.085
6/30/19	1.207	1.207
7/31/19	1.212	1.212
7/31/19	.995	.995
8/31/19	1.062	1.062
8/31/19	.865	.865
9/30/19	1.166	1.166
9/30/19	.85	.85
10/31/19	1.154	1.154
10/31/19	.886	.886
11/30/19	.642	.642
11/30/19	.968	.968
12/31/19		

74055 Coliform, fecal general / Location 1 / Season 0 / Base

Limit Start Date	Limit End Date	Sample Type	Frequency of Analysis
4/1/15	2/28/20	Grab	Weekly

Limit		
Limit Unit Desc	Number per 100 Mil	Number per 100 Mil
Statistical Base	GEO MEAN	DA GEO
Limit Value	200	400
DMR Values		
1/31/18	1	1
2/28/18	1	1
3/31/18	1	1
4/30/18	1	1
5/31/18	1	1
6/30/18	1	1
7/31/18	1	1
8/31/18	1	1
9/30/18	1	1
10/31/18	1	1
11/30/18	1	1
12/31/18	1	1
1/31/19	1	1
2/28/19	1	1
3/31/19	1	1
4/30/19	1	1
5/31/19	1	1
6/30/19	2	2
6/30/19	30	30
7/31/19	1	1

DMR Summary

Permit MS0045021

Version # 0

Outfall 001A

74055 Coliform, fecal general / Location 1 / Season 0 / Base

DMR Values		
8/31/19	1	1
9/30/19	1	1
10/31/19	1	1
11/30/19	1	1
12/31/19		