Date	Oprn	CHATTAHOOCHEE RIVER 044-1290-03	Water Usage		**Raw Water Quality**							Plant Operation			**Combined Filtered Water Quality**					
			Processed or Treated thru Plant (MG)	Treated Water Pumped to Dist. System (MG)	pH	Alkalinity (mg/L)	Temp (degree C)	Fe (mg/L)	Mn (mg/L)	Maximum Turbidity (NTU)	Minimum Turbidity (NTU)	Total Hours Plant Operated (hrs)	Number of Filters Actually in Use	Maximum Settled Water Turbidity (NTU)	pH	Maximum Turbidity (NTU)	Minimum Turbidity (NTU)	Average Turbidity (NTU)	Total Number of Turbidity Measurements Performed	Maximum Filtered Particles (in 3 - 15 micron range) (particles/100ml)
01	In Oprn	59.09	67.60	61.54	6.33	17.00	15.00	0.03	0.00	1.86	1.16	24.00	10.00	3.68	6.08	0.08	0.03	0.04	48.00	23.00
02	In Oprn	57.56	66.78	57.33	6.30	17.00	16.00	0.04	0.00	1.78	1.49	24.00	10.00	0.32	6.01	0.04	0.03	0.04	48.00	19.00
03	In Oprn	59.15	64.03	58.08	6.28	15.00	14.00	0.03	0.00	1.72	1.32	24.00	10.00	0.22	6.00	0.08	0.03	0.03	48.00	19.00
04	In Oprn	40.5	66.35	58.89	6.36	16.00	14.00	0.04	0.00	2.40	1.29	24.00	10.00	0.14	6.05	0.04	0.03	0.03	48.00	19.00
05	In Oprn	59.35	67.43	57.14	6.34	15.00	14.00	0.04	0.00	22.20	1.29	24.00	10.00	0.25	6.07	0.05	0.03	0.04	48.00	58.00
06	In Oprn	64.88	63.29	58.27	6.34	16.00	15.00	0.03	0.00	2.17	2.00	24.00	10.00	0.17	6.01	0.05	0.03	0.04	48.00	41.00
07	In Oprn	64.94	68.40	58.22	6.31	16.00	16.00	0.03	0.00	2.01	1.75	24.00	10.00	0.18	6.00	0.05	0.03	0.04	48.00	39.00
08	In Oprn	63.38	64.35	56.22	6.33	16.00	15.00	0.01	0.00	2.81	1.54	24.00	10.00	0.65	6.04	0.04	0.03	0.04	48.00	42.00
09	In Oprn	64.06	64.59	53.56	6.33	16.00	15.00	0.02	0.00	2.35	1.45	24.00	10.00	0.14	6.05	0.05	0.03	0.04	48.00	48.00
10	In Oprn	59.69	65.52	55.85	6.36	16.00	13.00	0.03	0.00	2.75	1.44	24.00	10.00	0.11	6.08	0.05	0.03	0.04	48.00	329.00
11	In Oprn	57.37	63.14	55.25	6.41	16.00	15.00	0.04	0.00	2.62	1.22	24.00	10.00	0.16	6.08	0.05	0.03	0.04	48.00	53.00
12	In Oprn	63.62	63.35	53.44	6.37	16.00	15.00	0.03	0.00	4.82	1.21	24.00	10.00	0.46	6.01	0.04	0.03	0.04	48.00	99.00
13	In Oprn	64.2	63.96	56.62	6.42	16.00	14.00	0.02	0.00	1.84	1.19	24.00	10.00	0.13	6.08	0.05	0.03	0.04	48.00	1904.00
14	In Oprn	63.61	63.91	56.77	6.40	16.00	14.00	0.03	0.00	7.37	1.11	24.00	10.00	0.11	6.12	0.05	0.03	0.04	48.00	221.00
15	In Oprn	68.5	63.65	56.44	6.40	15.00	13.00	0.03	0.00	2.48	1.18	24.00	10.00	0.11	6.07	0.08	0.03	0.05	48.00	59.00
16	In Oprn	60.84	65.40	57.18	6.42	16.00	15.00	0.03	0.00	2.03	1.14	24.00	10.00	0.13	6.07	0.10	0.03	0.04	48.00	52.00
17	In Oprn	62.12	65.39	54.94	6.34	16.00	13.00	0.04	0.00	2.38	1.28	24.00	10.00	0.17	6.04	0.04	0.03	0.03	48.00	106.00
18	In Oprn	63.7	63.85	54.53	6.33	16.00	13.00	0.02	0.00	1.87	1.33	24.00	10.00	0.12	5.97	0.05	0.03	0.04	48.00	70.00
19	In Oprn	70	65.91	55.00	6.38	17.00	13.00	0.04	0.00	2.21	1.25	24.00	10.00	0.14	6.03	0.05	0.03	0.04	48.00	36.00
20	In Oprn	70.02	61.48	54.26	6.36	16.00	15.00	0.03	0.00	2.94	1.16	24.00	10.00	0.15	5.98	0.05	0.04	0.04	48.00	103.00
21	In Oprn	69.9	62.43	58.15	6.37	16.00	14.00	0.03	0.00	2.54	1.15	24.00	10.00	0.16	5.97	0.05	0.03	0.04	48.00	62.00
22	In Oprn	69.99	64.14	58.61	6.35	15.00	14.00	0.04	0.00	2.07	1.08	24.00	10.00	0.12	5.95	0.05	0.03	0.03	48.00	51.00
23	In Oprn	69.39	64.51	55.31	6.33	15.00	16.00	0.04	0.01	2.12	0.98	24.00	10.00	0.16	6.03	0.05	0.03	0.04	48.00	56.00
24	In Oprn	68.06	61.33	55.61	6.36	14.00	15.00	0.05	0.00	3.13	1.05	24.00	10.00	0.20	5.99	0.05	0.03	0.04	48.00	45.00
25	In Oprn	64.86	62.46	54.03	6.36	15.00	15.00	0.07	0.00	6.64	3.06	24.00	10.00	0.15	6.00	0.05	0.03	0.04	48.00	60.00
26	In Oprn	66.22	64.79	55.03	6.38	14.00	15.00	0.08	0.00	5.98	4.36	24.00	10.00	0.16	6.03	0.05	0.03	0.04	48.00	233.00
27	In Oprn	69.4	64.87	57.35	6.41	16.00	14.00	0.07	0.00	5.66	4.08	24.00	10.00	0.17	6.01	0.05	0.03	0.04	48.00	61.00
28	In Oprn	67.51	61.21	56.55	6.39	16.00	14.00	0.05	0.00	5.88	3.63	24.00	10.00	0.17	5.99	0.06	0.03	0.04	48.00	49.00
29	In Oprn	71.11	66.91	56.42	6.33	16.00	16.00	0.04	0.00	4.39	3.03	24.00	10.00	0.28	5.95	0.07	0.03	0.05	48.00	134.00
Total		1853.02	1871.03	1636.59	184.39	457.00	420.00	1.08	0.01	111.02	49.22			9.11	174.76	1.57	0.88	1.14	1392.00	4091.00
# Days		29	29	29	29	29	29	29	29	29	29	29		29	29	29	29	29	29	29
Avg		63.90	64.52	56.43										0.31	6.03			0.04	48.00	141.07
Max		71.11	68.40	61.54	6.42	17.00	16.00	0.08	0.01	22.20				3.68	6.12	0.10				1904.00
Min		40.5	61.21	53.44	6.28	14.00	13.00	0.01	0.00		0.98			0.11	5.95		0.03			19.00

Date	Oprn	Parameters At Entry Point To Distribution System												Comments
										Measurements At Peak				
		Fe (mg/L)	Mn (mg/L)	Fluoride (mg/L)	pH (Max.)	pH (Min.)	Chlorine Minimum Free Available (mg/L)	Chlorite (mg/L) [if ClO2 used]	Chlorine Dioxide (mg/L) [if ClO2 used]	Peak Hourly Flow (PHF) (MGD)	Chlorine Free Available at PHF (mg/L)	Giardia log Inactivation	Virus log Inactivation [if ozone or chloramine used]	
01	In Oprn	0.01	0.00	0.88	9.17	8.99	1.22			73.92	1.22	3.52	68.87	
02	In Oprn	0.00	0.00	0.86	9.08	8.91	1.33			72.96	1.40	3.70	83.33	
03	In Oprn	0.01	0.00	0.87	9.17	8.95	0.00			71.04	1.45	3.68	49.61	The online instrument captured 0.00
04	In Oprn	0.00	0.00	0.82	9.25	9.00	1.33			69.12	1.41	3.62	34.09	
05	In Oprn	0.00	0.00	0.94	9.18	9.01	1.27			64.08	1.33	3.77	35.15	
06	In Oprn	0.00	0.00	0.86	9.20	9.08	1.50			72.72	1.53	3.80	59.58	
07	In Oprn	0.00	0.00	0.92	9.24	9.05	1.20			73.44	1.49	3.67	52.97	
08	In Oprn	0.00	0.00	0.88	9.22	9.00	1.34			73.44	1.51	3.72	40.17	
09	In Oprn	0.00	0.00	0.86	9.11	8.92	1.31			72.72	1.38	3.56	44.17	
10	In Oprn	0.00	0.00	0.92	9.17	8.95	1.46			75.36	1.50	3.73	48.86	
11	In Oprn	0.00	0.00	1.04	9.11	8.89	1.46			72.72	1.51	3.73	80.69	
12	In Oprn	0.00	0.00	0.94	9.04	8.86	1.31			64.80	1.46	3.85	87.55	
13	In Oprn	0.00	0.00	0.88	9.15	8.88	1.46			71.04	1.47	3.69	82.84	
14	In Oprn	0.00	0.00	0.80	9.19	8.96	1.40			74.88	1.50	3.64	45.33	
15	In Oprn	0.00	0.00	0.86	9.21	8.90	1.09			72.00	1.38	3.62	43.37	
16	In Oprn	0.00	0.00	0.88	9.20	8.97	1.46			71.76	1.49	3.80	50.97	
17	In Oprn	0.00	0.00	0.85	9.15	8.84	1.30			72.96	1.55	3.76	38.64	
18	In Oprn	0.00	0.00	0.85	9.15	8.84	1.30			72.96	1.55	3.76	38.64	
19	In Oprn	0.00	0.00	0.86	9.21	9.01	1.34			72.00	1.44	3.65	48.61	
20	In Oprn	0.00	0.01	0.87	9.16	8.92	1.38			64.08	1.43	3.95	56.92	
21	In Oprn	0.00	0.00	0.88	9.27	9.03	1.40			71.28	1.44	3.71	36.75	
22	In Oprn	0.00	0.00	0.83	9.20	9.09	1.27			71.28	1.40	3.63	34.27	
23	In Oprn	0.00	0.00	0.83	9.24	8.83	1.37			74.64	1.42	3.60	81.79	
24	In Oprn	0.00	0.00	0.88	9.08	8.88	1.31			72.96	1.59	3.79	59.31	
25	In Oprn	0.00	0.00	0.85	9.08	8.92	1.31			63.36	1.46	3.83	99.07	
26	In Oprn	0.00	0.00	0.90	9.14	8.97	0.00			63.12	1.50	3.85	102.17	The online instrument captured 0.00
27	In Oprn	0.00	0.00	0.85	9.14	8.91	1.16			70.80	1.52	3.77	89.59	
28	In Oprn	0.00	0.00	0.92	9.25	8.86	1.40			72.00	1.43	3.74	86.25	
29	In Oprn	0.00	0.00	0.93	9.11	8.93	1.31			70.80	1.64	3.80	92.74	
Total		0.02	0.01	25.51	265.87	259.35	35.99	0	0					
# Days		29	29	29	29	29	29	0	0					
Avg		0.00	0.00	0.88			1.24	0	0			3.72	61.11	
Max		0.01	0.01	1.04	9.27		1.50	0	0	75.36	1.64	3.95	102.17	
Min		0.00	0.00	0.80		8.83	0.00			63.12	1.22	3.52	34.09	

Water System Name	DEKALB COUNTY	WSID No.	GA0890001	Treatment Facility	DEKALB CO WATER PLANT	Plant No.	201	Feb 2016

Monthly Surface Water Treatment Operation Report for Turbidity

I - COMBINED FILTERED WATER MONITORING & REPORTING

(a)	Total number of filtered water turbidity measurements performed:	1392.00
(b)	Total number of filtered water turbidity measurements < 0.3 NTU:	1392.00
(c)	Percentage of the turbidity measurements < 0.3 NTU (b/a x 100):	100.00%
(d)	Is the percentage in (c) < 95%	No
	[If Yes, report the date (mm/dd/yyyy) when public notice was issued]	
	[If Yes, report the date (mm/dd/yyyy) when EPD was notified]	
(e)	Did filtered water turbidity exceed 1 NTU at any time during the month	No
	[If Yes, report the date (mm/dd/yyyy) when public notice was issued]	
	[If Yes, report the date (mm/dd/yyyy) when EPD was notified]	

II - INDIVIDUAL FILTER MONITORING & REPORTING

(a)	Was each filter continuously monitored for turbidity?	Yes
(b)	Were the individual filter turbidity monitoring results recorded every 15 minutes?	Yes
(c)	Was there a failure of the continuous turbidity monitoring equipment?	No
	[If Yes, perform "Follow-up Actions" 1, 2 and 3]	
(d)	Was any individual filter turbidity level > 1.0 NTU in two consecutive measurements?	No
	[If Yes, perform "Follow-up Actions" 1, 2 and 3]	
(e)	Was any individual filter turbidity level > 0.5 NTU in two consecutive measurements at the end of 4 hrs of	No
	[If Yes, perform "Follow-up Actions" 1, 2 and 3]	
(f)	Was any individual filter turbidity level > 1.0 NTU in two consecutive measurements in each 3 consecutive	No
	[If Yes, perform "Follow-up Actions" 1, 2, 3 and 4]	
(g)	Was any individual filter turbidity level > 2.0 NTU in two consecutive measurements in 2 consecutive	No
	[If Yes, perform "Follow-up Action" 5]	

Comments:

"FOLLOW-UP ACTIONS" to PERFORM

1	**Report, filter number(s); turbidity measurements; and, date(s) the exceedance(s) have occurred.**
2	**Produce a "Filter Profile" within 7 days of the exceedance (if there is no obvious reason for exceedance).**
3	**Report that "Filter Profile" has been produced and is available for EPD inspection or identify and report, in writing, obvious reason for exceedance.**
4	**Conduct a "Self-Assessment" of the filter within 14 days of the exceedance and report that "self-assessment" has been completed and the findings are available for EPD inspection.**
5	**Contact EPD no later than 30 days following exceedance, and arrange for a Comprehensive Performance Evaluation (CPE) of your system.**

Entered / Updated by:	Sandy Smith	Certification No. / Class:	13848 / 1	Date:	03/10/2016

Water System Name	DEKALB COUNTY	WSID No.	GA0890001	Treatment Facility	DEKALB CO WATER PLANT	Plant No.	201	Feb 2016

Monthly Disinfectant and/or Oxidant Monitoring at the Entry Point and in the Distribution System

(Reporting for Systems using Chlorine - Part 1)

I - ENTRY POINT Monitoring and Reporting for Public Water Systems using CHLORINE

(a)	At any time during the month, did the residual disinfectant concentration of water leaving the plant (entry point to distribution system) ever fall below 0.2 mg/L?	Yes
	[If Yes, did it last more than 4.0 consecutive hours?]	No
	[If Yes, report the date when public notice was given to customers]	
	[If Yes, report the date when public notice was given to EPD]	
(b)	Were there any periods when the plant failed to meet the CT requirements for more than four (4.0) consecutive hours?	No

II - DISTRIBUTION SYSTEM Monitoring and Reporting for Public Water Systems using CHLORINE

(c)	Total number of residual disinfectant measurements performed in the distribution system (This must be equal to or greater than the number of coliform samples required per month):	258.00
(d)	Maximum residual disinfectant level measured in the distribution system:	1.72 mg/L
(e)	Lowest or minimum residual disinfectant level measured in the distribution system:	**0.08 mg/L**
(f)	Monthly arithmetic average of all the measurements performed in the distribution system:	1.17 mg/L
(g)	Total number of samples measured without a detectable disinfectant residual:	0.00
(h)	Percentage of samples without a detectable disinfectant residual (g/c x 100):	0.00%
(i)	Were more than 5% of the residuals in the distribution system undetectable for two (2) months in a row?	No
(j)	Was chlorination equipment out of service for more than five (5) working days?	No

Comments: Regarding question 1A, please refer to the DSWTR comment box for 2/3/16 and 2/26/16.

Entered / Updated by:	Sandy Smith	Certification No. / Class:	13848 / 1	Date:	03/10/2016

Water System Name	DEKALB COUNTY	WSID No.	GA0890001	Treatment Facility	DEKALB CO WATER PLANT	Plant No.	201	Feb 2016

Monthly Disinfectant and/or Oxidant Monitoring at the Entry Point

(Additional Bromate Monitoring and Reporting for Systems using Ozone - Part 4)

(a)	Did you collect a "bromate" sample at the entry point this month?	Yes
(b)	List sampling date, laboratory certification number and result of "bromate" sample taken:	
	Laboratory Certification Number	929

Current Period	
Jan/20/2016	0.0000 mg/L
Feb/22/2016	0.0000 mg/L
Mar/__/2016	mg/L

1st Period		2nd Period		3rd Period		4th Period	
Jan/21/2015	0.0000mg/L	Apr/20/2015	0.0000mg/L	Jul/21/2015	0.0000mg/L	Oct/20/2015	0.0000mg/L
Feb/18/2015	0.0000mg/L	May/20/2015	0.0000mg/L	Aug/19/2015	0.0000mg/L	Nov/16/2015	0.0000mg/L
Mar/18/2015	0.0000mg/L	Jun/16/2015	0.0000mg/L	Sep/14/2015	0.0000mg/L	Dec/16/2015	0.0000mg/L
Average	mg/L	Average	mg/L	Average	mg/L	Average	mg/L

[NOTE: If average of samples collected in any consecutive 4-Quarter period exceeds the MCL of 0.010 mg/L, Public Notification is required.]

(c)	Is the average of consecutive 4 quarter period > 0.010 mg/L?	No
	If Yes, send copies of the Public Notification (PN) and PN Certification Form and explain the corrective measures taken to prevent reoccurence of the violation(s).	

Comments:

Entered / Updated by:	Sandy Smith	Certification No. / Class:	13848 / 1	Date:	03/10/2016

Water System Name	DEKALB COUNTY	WSID No.	GA0890001	Treatment Facility	DEKALB CO WATER PLANT	Plant No.	201	Feb 2016

Monthly TOC Removal / SUVA Report Summary

I. TOC Removal Summary

(a)	Date (mm/dd/yyyy)	02/17/2016
(b)	Source Water Alkalinity (mg/L)	17.00
(c)	Source Water TOC (mg/L)	1.60
(d)	Treated Water TOC (mg/L)	1.10
(e)	Actual TOC Removed (%)	31.25
(f)	Required TOC Removal (%)	35.00
(g)	Actual TOC Removal Ratio	0.89
(h)	Reported TOC Removal Ratio	1.00

II. Alternative Monitoring for SUVA

(a)	Date (mm/dd/yyyy)	
(b)	Source Water SUVA (L/mg-m)	
(c)	Treated Water SUVA (L/mg-m)	

Additional Comments:	

Entered / Updated by:	Sandy Smith	**Certification No. / Class:**	13848 / 1	**Date:**	03/10/2016

Water System Name	DEKALB COUNTY	WSID No.	GA0890001	Treatment Facility	DEKALB CO WATER PLANT	Plant No.	201	Feb 2016

NPDES / Monthly Maintenance

(a)	Max. Suspended Solids (mg/L)	8.40
(b)	Avg. Suspended Solids (mg/L)	5.40
(c)	Effluent pH	6.30
(d)	Discharge Flow (MGD)	0.53
Comments:	TCL = 0.08mg/L	

Entered / Updated by:	Sandy Smith	Certification No. / Class:	13848 / 1	Date:	03/10/2016