



**City Of Jackson, MS**  
**O. B. Curtis Surface Water Treatment Plant**  
**Turbidity Compliance Report**

**System ID** 250008-02

**Month Of** Sep-19

DATE	TURBIDITIES (NTU)		
	RAW	SETTLED	FILTERS
9/1	4.92	0.64	0.29
9/2	4.4	0.4	0.18
9/3	5.75	0.45	0.3
9/4	4.88	0.43	0.17
9/5	5.3	0.33	0.15
9/6	6.1	0.44	0.29
9/7	6.57	0.4	0.12
9/8	5.6	0.37	0.07
9/9	5.42	0.4	0.08
9/10	5.53	0.45	0.28
9/11	4.51	0.28	0.05
9/12	5.51	0.48	0.06
9/13	4.83	0.5	0.23
9/14	4.74	0.24	0.08
9/15	4.37	0.32	0.13
9/16	5.98	0.38	0.07
9/17	6.93	0.26	0.06
9/18	4.9	0.77	0.06
9/19	5.66	0.71	0.07
9/20	5.16	0.45	0.06
9/21	5.11	0.93	0.08
9/22	5.53	1.05	0.05
9/23	7.15	2.23	0.05
9/24	9.66	2.2	0.07
9/25	8.03	1.79	0.06
9/26	6.77	0.82	0.14
9/27	5.51	0.72	0.07
9/28	5.68	0.71	0.09
9/29	5.78	0.93	0.13
9/30	5.14	1.27	0.06

**MIN** 4.37 0.24 0.05

**MAX** 9.66 2.23 0.3

**AVG** 5.714 0.71166667 0.12

**City Of Jackson, MS**  
**O. B. Curtis Surface Water Treatment Plant**  
**Turbidity Compliance**

System ID 250008-02

**Month Of** Sep-19

DATE	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
9/1	0.29	0.29	0.21	0.06	0.06	0.28
9/2	0.07	0.06	0.07	0.07	0.18	0.11
9/3	0.25	0.26	0.07	0.07	0.3	0.05
9/4	0.1	0.06	0.06	0.17	0.06	0.06
9/5	0.07	0.15	0.07	0.07	0.08	0.06
9/6	0.19	0.29	0.19	0.3	0.06	0.05
9/7	0.08	0.1	0.07	0.1	0.05	0.12
9/8	0.06	0.05	0.07	0.06	0.07	0.05
9/9	0.05	0.06	0.06	0.05	0.08	0.06
9/10	0.28	0.05	0.05	0.05	0.1	0.1
9/11	0.05	0.05	0.05	0.05	0.05	0.05
9/12	0.06	0.05	0.06	0.06	0.06	0.05
9/13	0.23	0.06	0.06	0.06	0.05	0.05
9/14	0.08	0.07	0.08	0.06	0.05	0.05
9/15	0.05	0.12	0.05	0.13	0.05	0.05
9/16	0.07	0.06	0.05	0.06	0.05	0.05
9/17	0.04	0.04	0.05	0.05	0.05	0.06
9/18	0.06	0.06	0.06	0.06	0.06	0.06
9/19	0.04	0.07	0.06	0.05	0.06	0.06
9/20	0.04	0.04	0.06	0.06	0.06	0.06
9/21	0.06	0.04	0.06	0.06	0.04	0.08
9/22	0.04	0.04	0.04	0.04	0.04	0.05
9/23	0.04	0.05	0.05	0.05	0.05	0.05
9/24	0.05	0.04	0.05	0.05	0.05	0.07
9/25	0.06	0.06	0.05	0.05	0.05	0.05
9/26	0.05	0.06	0.05	0.05	0.04	0.14
9/27	0.07	0.05	0.05	0.04	0.07	0.05
9/28	0.06	0.05	0.04	0.05	0.04	0.09
9/29	0.06	0.04	0.13	0.05	0.05	0.05
9/30	0.06	0.06	0.06	0.06	0.06	0.05
MIN	0.04	0.04	0.04	0.04	0.04	0.05
MAX	0.29	0.29	0.21	0.3	0.3	0.28
AVG	0.087419	0.08537634	0.077849	0.08516129	0.08828	0.09656



**City Of Jackson, MS**  
**O. B. Curtis Surface Water Treatment Plant**  
**Monthly Report For HS# 2 Based On Filtered Water**

**System ID** 250008-02

**Month Of** Sep-19

**CONTINUOUS**

1. Total number of turbidity measurements taken during the month.

2. Percentage of turbidity that were equal to or less than the turbidity limit of 0.3 NTU.

99.70%

3. Number of filters that exceeded 0.5 NTU in 2 consecutive readings taken 15 min. apart after first four hours of operation.

NONE

4. Number of filters that exceeded 1.0 NTU in 2 consecutive readings taken 15 min. apart in 3 consecutive months.

NONE

5. Lowest daily disinfectant concentration entering the distribution system in mg/l.

1	2.07	7	2.96	13	2.33	19	2.22	25	2.2
2	2.13	8	2.85	14	2.44	20	0.74	26	1.2
3	2.66	9	2.13	15	2.92	21	2.76	27	1
4	2.92	10	2.09	16	2.72	22	2.97	28	2.33
5	2.77	11	2.5	17	2.79	23	1.7	29	1.1
6	2.17	12	2.77	18	2.21	24	2	30	2.6
								31	

6. Date and duration of each period the disinfectant fell below 0.2 mg/l for more than an hour while entering the distribution system.

NONE

7. Total number of disinfectant residual measured in the distribution system where total coliform samples were collected.

126

8. Number of instances where disinfectant was not measured in the distribution system where total coliform samples were collected.

NONE

9. Number of instances where disinfectant was measured in the distributed system but not detected.

NONE

**City Of Jackson, MS**  
**O. B. Curtis Surface Water Treatment Plant**  
**Turbidity Compliance Report**

**System ID** 250008-02

**Month Of** Sep-19

DATE	TURBIDITIES (NTU)	
	RAW	FINISHED
9/1	4.92	0.15
9/2	4.4	0.14
9/3	5.75	0.18
9/4	4.88	0.11
9/5	5.3	0.13
9/6	6.1	0.13
9/7	6.57	0.09
9/8	5.6	0.1
9/9	5.42	0.13
9/10	5.53	0.13
9/11	4.51	0.12
9/12	5.51	0.12
9/13	4.83	0.13
9/14	4.74	0.13
9/15	4.37	0.13
9/16	5.98	0.13
9/17	6.93	0.13
9/18	4.9	0.13
9/19	5.66	0.16
9/20	5.16	0.12
9/21	5.11	0.31
9/22	5.53	0.12
9/23	7.15	0.13
9/24	9.66	0.12
9/25	8.03	0.12
9/26	6.77	0.15
9/27	5.51	0.14
9/28	5.68	0.15
9/29	5.78	0.15
9/30	5.14	0.09

**MIN**           4.37           0.09

**MAX**           9.66           0.31

**AVG**           5.714    0.13566667

**City Of Jackson, MS**  
**O. B. Curtis Surface Water Treatment Plant**  
**Turbidity Compliance**

**System ID** 250008-02

**Month Of** Sep-19

DATE	TIME						
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM	
9/1	0.04	0.05	0.11	0.06	0.15	0.1	
9/2	0.14	0.06	0.1	0.1	0.12	0.13	
9/3	0.18	0.12	0.06	0.17	0.18	0.07	
9/4	0.09	0.07	0.11	0.11	0.06	0.11	
9/5	0.05	0.13	0.12	0.12	0.13	0.13	
9/6	0.12	0.12	0.13	0.12	0.09	0.09	
9/7	0.09	0.08	0.09	0.09	0.09	0.09	
9/8	0.09	0.09	0.1	0.1	0.09	0.09	
9/9	0.09	0.09	0.09	0.13	0.13	0.13	
9/10	0.13	0.13	0.13	0.13	0.13	0.12	
9/11	0.12	0.12	0.13	0.12	0.12	0.12	
9/12	0.12	0.12	0.12	0.12	0.12	0.12	
9/13	0.12	0.13	0.13	0.13	0.13	0.13	
9/14	0.13	0.13	0.13	0.12	0.13	0.13	
9/15	0.13	0.13	0.13	0.13	0.13	0.13	
9/16	0.13	0.13	0.13	0.13	0.13	0.13	
9/17	0.13	0.13	0.13	0.13	0.13	0.13	
9/18	0.13	0.13	0.3	0.12	0.12	0.12	
9/19	0.12	0.16	0.12	0.12	0.12	0.12	
9/20	0.12	0.12	0.12	0.12	0.12	0.12	
9/21	0.11	0.12	0.06	0.31	0.15	0.12	
9/22	0.12	0.12	0.12	0.12	0.12	0.12	
9/23	0.12	0.12	0.13	0.12	0.12	0.12	
9/24	0.12	0.11	0.11	0.11	0.12	0.12	
9/25	0.12	0.12	0.12	0.12	0.12	0.12	
9/26	0.12	0.12	0.12	0.12	0.12	0.15	
9/27	0.14	0.14	0.08	0.07	0.05	0.07	
9/28	0.08	0.11	0.04	0.13	0.12	0.15	
9/29	0.04	0.12	0.1	0.07	0.15	0.06	
9/30	0.09	0.09	0.08	0.09	0.04	0.09	
	MIN	0.04	0.05	0.04	0.06	0.04	0.06
	MAX	0.18	0.16	0.3	0.31	0.18	0.15
	AVG	0.107419	0.11537634	0.12172	0.13322581	0.13538	0.13753



**City of Jackson, MS  
J. H. Fewell Water Treatment Plant  
Surface Water Treatment Plant Monthly Report**

**System ID** 250008-01  
**MONTH** September 2019

1. Total number of turbidity measurements taken during the month. CONTINUOUS
2. Percentage of turbidity that were less than or equal to the turbidity limit of 0.3 NTU. 100.0%
3. Number of filters that exceeded .5 NTU in 2 consecutive readings taken 15 min. apart after first four hours of operation. NONE
4. Number of filters that exceeded 1.0 NTU in 2 consecutive readings taken 15 min. apart in 3 consecutive months. NONE
5. Lowest daily disinfectant concentration entering the distribution system in mg/l.

**HIGH SERVICE 1** nd=No Data

1	3.03	7	2.46	13	2.97	19	3.01	25	2.90
2	2.88	8	2.75	14	2.91	20	2.47	26	3.03
3	2.69	9	2.00	15	2.90	21	3.01	27	3.16
4	2.79	10	2.16	16	2.90	22	2.99	28	3.23
5	2.94	11	2.17	17	2.96	23	2.86	29	3.05
6	2.87	12	2.14	18	2.94	24	2.67	30	3.05

6. Date and duration of each period the disinfectant fell below 0.2 mg/l for more than an hour while entering the distribution system. NONE
7. Total number of disinfectant residual measured in the distribution system where total coliform samples were collected. 126
8. Number of instances where disinfectant was not measured in the distribution system where total coliform samples were collected. NONE
9. Number of instances where disinfectant was measured in the distribution system but not detected. NONE

**City of Jackson, MS**  
**J. H. Fewell Water Treatment Plant**  
**Turbidity Compliance Report**

**System ID**      250008-01  
**MONTH**      September 2019

<b>DATE</b>	<b>TURBIDITIES (NTU)</b>			
	<b>RAW</b>	<b>SETTLED</b>	<b>FILTER</b>	<b>HS #1</b>
9/1	8.12	0.510	0.230	0.200
9/2	4.39	0.660	0.270	0.270
9/3	10.30	0.490	0.190	0.190
9/4	7.29	0.660	0.230	0.210
9/5	6.17	0.820	0.210	0.190
9/6	6.96	0.680	0.210	0.200
9/7	8.00	0.700	0.200	0.200
9/8	6.10	0.950	0.200	0.210
9/9	5.17	0.780	0.200	0.380
9/10	4.94	0.690	0.200	0.200
9/11	4.16	0.740	0.230	0.200
9/12	4.14	0.720	0.200	0.180
9/13	4.04	0.710	0.190	0.180
9/14	4.20	0.620	0.190	0.180
9/15	7.00	0.800	0.220	0.190
9/16	3.85	0.610	0.200	0.190
9/17	6.99	0.540	0.270	0.190
9/18	5.50	0.680	0.200	0.190
9/19	4.22	0.580	0.210	0.190
9/20	21.20	0.670	0.200	0.200
9/21	12.20	0.620	0.190	0.190
9/22	14.00	0.820	0.200	0.260
9/23	8.83	0.590	0.230	0.230
9/24	12.10	0.740	0.220	0.220
9/25	12.20	0.890	0.380	0.230
9/26	11.40	0.790	0.190	0.200
9/27	13.90	0.950	0.280	0.200
9/28	12.55	0.800	0.210	0.200
9/29	12.90	0.830	0.200	0.200
9/30	12.1	1.020	0.190	0.200
<hr/>				
<b>MIN</b>	<b>3.85</b>	<b>0.49</b>	<b>0.19</b>	<b>0.18</b>
<b>MAX</b>	<b>21.2</b>	<b>1.0</b>	<b>0.4</b>	<b>0.4</b>
<b>AVG</b>	<b>8.5</b>	<b>0.7</b>	<b>0.2</b>	<b>0.2</b>

**CITY OF JACKSON  
J. H. FEWELL WATER TREATMENT PLANT  
SURFACE WATER TREATMENT REPORT  
TURBIDITY COMPLIANCE**

System ID **250008-01**  
MONTH **September 2019**

DATE	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
9/1	0.19	0.19	0.20	0.19	0.19	0.20
9/2	0.19	0.27	0.19	0.20	0.19	0.18
9/3	0.19	0.18	0.17	0.19	0.19	0.19
9/4	0.18	0.21	0.20	0.19	0.19	0.19
9/5	0.18	0.18	0.19	0.19	0.18	0.18
9/6	0.18	0.18	0.20	0.19	0.18	0.18
9/7	0.19	0.20	0.18	0.19	0.19	0.19
9/8	0.18	0.18	0.19	0.19	0.21	0.21
9/9	0.20	0.20	0.38	0.18	0.20	0.22
9/10	0.20	0.19	0.19	0.18	0.18	0.19
9/11	0.19	0.19	0.18	0.18	0.20	0.19
9/12	0.18	0.17	0.17	0.18	0.18	0.18
9/13	0.18	0.18	0.18	0.17	0.17	0.17
9/14	0.17	0.18	0.17	0.17	0.18	0.18
9/15	0.18	0.19	0.18	0.18	0.19	0.18
9/16	0.19	0.19	0.18	0.19	0.18	0.18
9/17	0.19	0.18	0.18	0.19	0.19	0.18
9/18	0.18	0.19	0.19	0.19	0.19	0.19
9/19	0.18	0.18	0.19	0.19	0.19	0.18
9/20	0.19	0.19	0.20	0.20	0.20	0.20
9/21	0.19	0.19	0.19	0.18	0.19	0.19
9/22	0.19	0.19	0.26	0.20	0.20	0.20
9/23	0.21	0.20	0.23	0.23	0.20	0.19
9/24	0.20	0.20	0.20	0.20	0.21	0.22
9/25	0.23	0.22	0.21	0.21	0.21	0.21
9/26	0.20	0.19	0.19	0.19	0.19	0.19
9/27	0.19	0.19	0.19	0.20	0.19	0.19
9/28	0.20	0.19	0.20	0.20	0.20	0.20
9/29	0.20	0.20	0.20	0.20	0.19	0.19
9/30	0.19	0.20	0.20	0.20	0.19	0.19
MIN	<b>0.17</b>	<b>0.17</b>	<b>0.17</b>	<b>0.17</b>	<b>0.17</b>	<b>0.17</b>
MAX	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
AVG	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>



**CITY OF JACKSON, MS**  
**DISTRIBUTION SYSTEM DISINFECTANT DATA**

**System ID****MONTH****September 2019**

	No. of sites, disinfectant residual measured (a)	No. of sites, no disinfectant measured, HPC measured (b)	No. of sites, disinfectant residual not detected, no HPC measured (c)	No. of sites, disinfectant residual not detected. HPC > 500/ml (d)	No. of sites, disinfectant residual not measured. HPC > 500/ml (e)	No. of sites with no disinfectant detected (f)
DATE	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7
9/1	1					
9/2						
9/3	31					
9/4	36					
9/5	8					
9/6						
9/7						
9/8						
9/9	37					
9/10						
9/11						
9/12	13					
9/13						
9/14						
9/15						
9/16						
9/17						
9/18						
9/19						
9/20						
9/21						
9/22						
9/23						
9/24						
9/25						
9/26						
9/27						
9/28						
9/29						
9/30						
Total	126	0	0	0	0	0

$$V = (c+d+e) / (a+b) * 100$$

V= 0

**CITY OF JACKSON**  
**CHLORINE DIOXIDE COMPLIANCE**

SEPT-2019	SYSTEM ID: 250008-02		SYSTEM ID: 250008-01	
	O. B. CURTIS		J. H. FEWELL	
	CIO <sup>2</sup>	CIO	CIO <sub>2</sub>	CIO
1	OFF	OFF	OFF	OFF
2	OFF	OFF	OFF	OFF
3	OFF	OFF	OFF	OFF
4	OFF	OFF	OFF	OFF
5	OFF	OFF	OFF	OFF
6	OFF	OFF	OFF	OFF
7	OFF	OFF	OFF	OFF
8	OFF	OFF	OFF	OFF
9	OFF	OFF	OFF	OFF
10	OFF	OFF	OFF	OFF
11	OFF	OFF	OFF	OFF
12	OFF	OFF	OFF	OFF
13	OFF	OFF	OFF	OFF
14	OFF	OFF	OFF	OFF
15	OFF	OFF	OFF	OFF
16	OFF	OFF	OFF	OFF
17	OFF	OFF	OFF	OFF
18	OFF	OFF	OFF	OFF
19	OFF	OFF	OFF	OFF
20	OFF	OFF	OFF	OFF
21	OFF	OFF	OFF	OFF
22	OFF	OFF	OFF	OFF
23	OFF	OFF	OFF	OFF
24	OFF	OFF	OFF	OFF
25	OFF	OFF	OFF	OFF
26	OFF	OFF	OFF	OFF
27	OFF	OFF	OFF	OFF
28	OFF	OFF	OFF	OFF
29	OFF	OFF	OFF	OFF
30	OFF	OFF	OFF	OFF

DISTRIBUTION SITES			
DATE	SITE	ClO <sub>2</sub>	CIO
	Olympia		
	Boling St		
	John Hopkins		

TOC Table-Required % Removal of TOC			
Source Water TOC (ppm)	Source Water Alkalinity, ppm as CaCO <sub>3</sub>		
	0-60	>60-120	>120
>2.0 to 4.0	35.0%	25.0%	15.0%
>4.0 to 8.0	45.0%	35.0%	25.0%
>8.0	50.0%	40.0%	30.0%

**CITY OF JACKSON  
TOC REMOVAL SUMMARY**

**CITY OF JACKSON**  
**CORROSION CONTROL DATA**

September 2019		System ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF		
		DATE/SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity
1	0700 - 1500	9.30	24	21	9.18	25.3	61.9
	1500 - 2300	9.23	25.7	19.4	9.10	29.1	85.9
	2300 - 0700	9.21	30	21	9.49	24.8	74.5
2	0700 - 1500	9.31	29.4	22.8	9.09	30.6	65.1
	1500 - 2300	8.90	20.9	20.3	9.24	27.3	62.7
	2300 - 0700	9.00	27	25	9.14	23.8	70.0
3	0700 - 1500	9.2	27	21	9.04	28.7	64.8
	1500 - 2300	9.27	24.6	28.3	9.31	28	82.0
	2300 - 0700	9.11	25	27	9.25	24.4	75.0
4	0700 - 1500	9.5	26	18	9.26	2.51	7.59
	1500 - 2300	9.41	25.3	27.6	9.56	27	79.0
	2300 - 0700	9.21	29	24	9.58	32.7	91.6
5	0700 - 1500	9.15	29	19	9.22	1.91	11.06
	1500 - 2300	9.01	34	27	9.39	33	94
	2300 - 0700	8.97	31	29	9.15	30.4	80.3
6	0700 - 1500	9.0	28	22	9.35	3.69	9.3
	1500 - 2300	9.33	30	24	9.48	39.3	78.3
	2300 - 0700	9.29	26	22	9.13	33.9	85.4
7	0700 - 1500	9.3	31	28	9.30	38	89
	1500 - 2300	9.38	28	20	9.55	39	91
	2300 - 0700	9.32	32	24	9.79	42.9	93.6
8	0700 - 1500	9.42	26	26	9.38		
	1500 - 2300	9.22	30	29	9.59	51.7	92.1
	2300 - 0700	9.14	37	30	9.47	39.9	86.4
9	0700 - 1500	9.49	30	25	9.28	34.0	58.6
	1500 - 2300	9.48	25.5	27.1	9.42	41.0	86.0
	2300 - 0700	9.37	29	25	9.58	40.3	88.5

\*OBC: pHs <9.0 due to membrane flow changes caused by microscreen failure and ammonia feed line issues.



September 2019		System ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF		
		DATE/SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity
19	0700 - 1500	9.35	25	36	9.13	24.9	99.5
	1500 - 2300	9.58	23	27	9.19	36	88.0
	2300 - 0700	9.31	29	24	9.33	32.6	90.4
20	0700 - 1500	9.21	30	25	9.30	49.9	88.9
	1500 - 2300	9.21	25	31	9.40	35.4	86.4
	2300 - 0700	9.15	28	21	9.60	32.9	85.2
21	0700 - 1500	9.64	27	30	9.41	31	90
	1500 - 2300	9.44	26.4	27.5	9.64	36	78
	2300 - 0700	9.24	30	24	9.04	35.9	80.1
22	0700 - 1500	9.46			9.35	32.4	88
	1500 - 2300	9.72	25.5	29.4	9.37	38.7	69.9
	2300 - 0700	9.30	29	24	9.36	41.4	80.5
23	0700 - 1500	9.48	27	38	9.41	38.7	79.7
	1500 - 2300	9.58	26.3	30.4	9.49	53.8	73.9
	2300 - 0700	9.31	26.7	30.6	9.41	40.2	80.3
24	0700 - 1500	9.35	28	35	9.21	37	77.1
	1500 - 2300	9.47	27.4	31.3	9.58	43	92
	2300 - 0700	9.49	17	24	9.54	30.2	82.6
25	0700 - 1500	9.50	27	35	9.66	34.1	76.7
	1500 - 2300	9.37	25.8	29.6	9.35	34	78
	2300 - 0700	9.18	30	24	9.58	40.1	80.8
26	0700 - 1500	9.02	29	26	9.51	32.9	66.1
	1500 - 2300	9.01	21	25	9.47	33	86
	2300 - 0700	9.11	28	24	9.55	36.7	83.7
27	0700 - 1500	9.03	30	23	9.52	34.3	69.4
	1500 - 2300	9.12	26	32	9.31	30.4	71.8
	2300 - 0700	9.12	24	31	9.45	39.4	88.3

September 2019		System ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF		
DATE/SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity	Hardness	
	0700 - 1500	8.57	23	31	9.69	36	77
28	1500 - 2300	9.21	31.2	25.8	9.57	33	74
	2300 - 0700	9.08	30	22	9.20	32.2	77.3
	0700 - 1500	9.61	30	33	9.63	40.3	80.3
29	1500 - 2300	9.13	26.2	30.8	9.56	28.4	64.9
	2300 - 0700	8.51	30	24	9.69	33.2	75.1
	0700 - 1500	8.53	31	26	9.58	30.2	66.1
30	1500 - 2300	9.48	25.7	32.6	9.80	33.3	79.2
	2300 - 0700	9.24	30	29	9.73	32.4	74.6
<b>MONTHLY MIN</b>		8.51	17	18	9.04	1.91	7.59
<b>MONTHLY MAX</b>		10.08	37	38	10.01	53.8	102.9
<b>MONTHLY AVG</b>		9.30	27.39	26.22	9.43	33.58	77.64



O. B. CURTIS W. T. P. DAILY FLOW REPORT

System ID

System ID	UV Reactor #3						UV Reactor #4					
	Date	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate	Min UVT (%)	Date	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate	Min UVT (%)
9/1/2019	23.5	2105516	95.3	2.1	87.8	23.1	2317795	37.4	2.3	95.3		
9/2/2019	23.1	2078537	117.2	2.1	88.1	24	2386539	39.2	2.4	95.3		
9/3/2019	23.5	2257172	92.4	2.3	87.8	15.6	2729309	24.1	2.7	95.3		
9/4/2019	23.9	2235326	48.3	2.2	87.7		OFFLINE					
9/5/2019	24	2370472	35.9	2.4	88.1	14.1	2564056	21.8	2.6	95.3		
9/6/2019	23.4	2520966	90	2.5	87.6	24	2865242	34.9	2.9	95.3		
9/7/2019	24	2129810	36.9	2.1	87.5	23.1	2285424	37.5	2.3	95.3		
9/8/2019	23.5	2099624	83.2	2.1	86.7	24	2378428	38.9	2.4	95.3		
9/9/2019	22.4	2093587	294.9	2.1	87.5	22.4	2317901	36.1	2.3	95.3		
9/10/2019	23.2	1897782	110.3	1.9	87.7	23.5	2109195	42.1	2.1	95.3		
9/11/2019	24	2048055	39.2	2	88.1	24	2271513	40	2.3	95.3		
9/12/2019	24	2104696	37.4	2.1	87.6	24	2332102	38.8	2.3	95.3		
9/13/2019	23.5	2105393	92	2.1	86.9	23.1	2303000	36.7	2.3	95.3		
9/14/2019	24	2157541	35.1	2.2	86.7	23.1	2313410	36.5	2.3	95.3		
9/15/2019	22.5	2065637	182.2	2.1	85.8	23.4	2355677	37.4	2.4	95.3		
9/16/2019	24	2391830	33.7	2.4	86.3	24	2640601	35.8	2.6	95.3		
9/17/2019	24	2586298	31.5	2.6	85.3	24	2842980	34.1	2.8	95.3		
9/18/2019	24	2591669	31.9	2.6	85.5	24	2842247	34.3	2.8	95.3		
9/19/2019	24	2665755	32.2	2.7	85.3	23.5	2868912	33.4	2.9	95.3		
9/20/2019	23.4	2520680	100.7	2.5	88.7	24	2848101	34.3	2.8	95.3		
9/21/2019	23.3	2091421	83.6	2.1	88.7	24	2348836	39.7	2.3	95.3		
9/22/2019	23.5	2170407	82.5	2.2	88.7	23.5	2404574	37.9	2.4	95.3		
9/23/2019	24	2168269	37.5	2.2	88.7	24	240098	38.4	2.4	95.3		
9/24/2019	24	2247872	36.9	2.2	88.7	23.4	2413257	37.3	2.4	95.3		
9/25/2019	24	2233597	36.6	2.2	88.7	24	2470404	37.6	2.5	95.3		
9/26/2019	23.1	2232641	114.5	2.2	88.7	24	2558321	36.7	2.6	95.3		
9/27/2019	23.2	2027509	84.7	2	88.7	22.9	2219819	39.3	2.2	95.3		
9/28/2019	23.6	1966629	51.2	2	88.7	24	2212069	40.7	2.2	95.3		
9/29/2019	23.4	2233069	80.2	2.2	88.7	22.9	2419195	35.2	2.4	95.3		
9/30/2019	24	2287334	35	2.3	88.7	24	2517881	36.4	2.5	95.3		



## J. H. FEWELL W. T. P. MONTHLY U. V. DOSE MONITORING FOR HS #1 REACTORS

## CITY OF JACKSON UV COMPLIANCE

System ID Date	UV Reactor #1				UV Reactor #2				UV Reactor #3				UV Reactor #4			
	Min Flow (MGD)	Total Production (Gals)	Run Time (Hrs)	Calculated Min Dose (mJ/cm <sup>2</sup> )	Run Time (Hrs)	Calculated Min Dose (mJ/cm <sup>2</sup> )	Run Time (Hrs)	Calculated Min Dose (mJ/cm <sup>2</sup> )	Run Time (Hrs)	Calculated Min Dose (mJ/cm <sup>2</sup> )	Run Time (Hrs)	Calculated Min Dose (mJ/cm <sup>2</sup> )	Run Time (Hrs)	Calculated Min Dose (mJ/cm <sup>2</sup> )	Run Time (Hrs)	
9/1/2019	10.9	10896510	24	27.4	85											
9/2/2019	11	10952535	24	27.4	85											
9/3/2019	10.6	10579705	24	27.9	85											
9/4/2019	10.8	10792257	24	27.3	85											
9/5/2019	10.6	10598767	16	18.3	85											
9/6/2019	10.7	10685278	24	26.9	85											
9/7/2019	10.7	10698125	24	27.1	85											
9/8/2019	10.7	10688993	24	27.4	85											
9/9/2019	11	11009722	24	26.6	85											
9/10/2019	10.5	10480347	24	27	85											
9/11/2019	11	11008542	24	27.5	85											
9/12/2019	10.7	10733941	24	27.7	85											
9/13/2019	10.9	10871667	24	26.5	85											
9/14/2019	10.4	10446263	OFFLINE													
9/15/2019	10.7	10689725	24	14.9	85	24	22.9	85								
9/16/2019	11	11050000	24	16.1	85	24	22.8	85								
9/17/2019	10.7	10684340	24	26.9	85	24	22.7	85								
9/18/2019	10.7	10697778	24	33	85											
9/19/2019	11	10956076	24	33.2	85											
9/20/2019	10.8	10839569	24	33.7	85	OFFLINE										
9/21/2019	10.6	10572517	24	34.8	85											
9/22/2019	10.6	10586684	24	33.6	85	24	16.9	85								
9/23/2019	10.7	10715486	24	18.9	85											
9/24/2019	10.4	10398957	OFFLINE													
9/25/2019	10.4	10405104														
9/26/2019	10.2	10230085														
9/27/2019	10.5	10462934	15	17.3	85	24	15.7	85								
9/28/2019	10.6	10600000	24	27.4	85	24	16.4	85								
9/29/2019	10.6	10600000	24	27.4	85	24	16.2	85								
9/30/2019	10.5	10498752	10.1	15.3	85	OFFLINE										

\*NOTE: Issues with UV's faulting out this month.