CITY OF JACKSON
J. H. Fewell (TF081)
Weekly Report

System ID   **250008-01**
Month Of   **April 2020**

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

CONTINUOUS

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

100.0%

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	2.3	7	2.5	13	2.9	19	3.2	25	3.0
2	2.1	8	2.3	14	2.4	20	3.1	26	3.1
3	2.6	9	3.8	15	3.1	21	3.3	27	2.5
4	2.4	10	3.4	16	3.1	22	3.3	28	2.6
5	2.4	11	3.0	17	3.1	23	3.0	29	2.9
6	2.1	12	2.9	18	3.0	24	3.0	30	2.0
								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.

135

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

10. Date of last calibration for online monitoring equipment.

4/24/2020

City of Jackson, MS
J. H. Fewell (TF081)
Turbidity Compliance Report

System ID   **250008-01**
Month Of   **April 2020**

April	TURBIDITIES (NTU)			
	RAW	**SETTLED**	**FILTER**	**HS #1**
1	20.8969	0.6475	0.2243	0.1256
2	17.5331	0.5912	0.2500	0.1056
3	16.9706	0.9675	0.2246	0.1100
4	16.1325	0.5394	0.1957	0.1119
5	16.2225	0.6019	0.1896	0.1037
6	15.6206	0.5394	0.1873	0.1013
7	15.9131	0.6606	0.2688	0.1137
8	18.9688	0.5694	0.2278	0.1075
9	18.4219	0.5194	0.2077	0.1050
10	18.4219	0.5150	0.2117	0.1063
11	15.8231	0.4994	0.1448	0.1150
12	23.9231	0.8781	0.2602	0.1150
13	45.9856	0.7187	0.2919	0.1287
14	24.0863	0.7481	0.2222	0.1019
15	15.0019	0.9975	0.3144	0.1287
16	13.0669	0.8694	0.3000	0.1425
17	12.7069	0.7931	0.2874	0.1750
18	25.6000	0.7094	0.2516	0.1469
19	29.5650	0.7694	0.2848	0.2281
20	30.5662	0.8694	0.2422	0.1981
21	25.9888	1.3187	0.2539	0.1494
22	25.1937	1.1400	0.2661	0.1400
23	49.0925	1.2094	0.2944	0.2731
24	33.7144	0.9952	0.2812	0.1444
25	33.5287	1.0631	0.2808	0.1531
26	49.9050	1.2675	0.3034	0.1981
27	37.3288	1.1394	0.2778	0.2013
28	32.0519	1.2494	0.2218	0.1525
29	32.3694	1.0881	0.2143	0.1362
30	31.0769	1.9575	0.2970	0.1706
MIN	**12.7069**	**0.4994**	**0.1448**	**0.1013**
MAX	**49.9050**	**1.9575**	**0.3144**	**0.2731**
AVG	**25.3892**	**0.8811**	**0.2493**	**0.1242**

City of Jackson, MS
J. H. Fewell (TF081)
Turbidity Compliance

System ID   **250008-01**
Month Of   **April 2020**

April	TIME					
	12:00 AM	**4:00 AM**	**8:00 AM**	**12:00 PM**	**4:00 PM**	**8:00 PM**
1	0.1256	0.1106	0.1238	0.1181	0.1063	0.0988
2	0.0956	0.0950	0.0994	0.0994	0.1056	0.0900
3	0.1037	0.0975	0.1006	0.1100	0.1044	0.0975
4	0.0900	0.0962	0.0975	0.0981	0.1119	0.0988
5	0.0981	0.0988	0.0969	0.1025	0.1037	0.1019
6	0.0956	0.0931	0.1013	0.0956	0.0969	0.0925
7	0.0894	0.1106	0.0869	0.1137	0.0969	0.0981
8	0.0925	0.0869	0.1006	0.0969	0.0906	0.1075
9	0.0831	0.0869	0.0831	0.1050	0.1000	0.0931
10	0.1063	0.0919	0.0944	0.0906	0.0906	0.0931
11	0.0913	0.0931	0.0950	0.0956	0.0956	0.1150
12	0.0975	0.1013	0.1069	0.1019	0.1088	0.1150
13	0.1094	0.1287	0.1238	0.1194	0.1131	0.1075
14	0.0969	0.0938	0.0981	0.0950	0.1019	0.0988
15	0.0981	0.1000	0.1019	0.1150	0.1125	0.1287
16	0.1300	0.1319	0.1231	0.1306	0.1369	0.1425
17	0.1488	0.1750	0.1706	0.1694	0.1275	0.1200
18	0.1206	0.1219	0.1263	0.1350	0.1469	0.1369
19	0.1506	0.1500	0.1375	0.1606	0.2281	0.2144
20	0.1619	0.1981	0.1806	0.1381	0.1338	0.1325
21	0.1250	0.1356	0.1494	0.1350	0.1275	0.1281
22	0.1287	0.1250	0.1244	0.1400	0.1344	0.1350
23	0.2050	0.2731	0.1694	0.1663	0.1731	0.1575
24	0.1425	0.1412	0.1444	0.1369	0.1213	0.1269
25	0.1200	0.1150	0.1356	0.1425	0.1344	0.1531
26	0.1362	0.1556	0.1444	0.1725	0.1594	0.1981
27	0.1706	0.1494	0.1575	0.1469	0.1756	0.2013
28	0.1325	0.1256	0.1525	0.1181	0.1375	0.1400
29	0.1187	0.1294	0.1362	0.1187	0.1175	0.1306
30	0.1213	0.1700	0.1706	0.1462	0.1475	0.1562
MIN	**0.0831**	**0.0869**	**0.0831**	**0.0906**	**0.0906**	**0.0900**
MAX	**0.2050**	**0.2731**	**0.1806**	**0.1725**	**0.2281**	**0.2144**
AVG	**0.1195**	**0.1260**	**0.1244**	**0.1238**	**0.1247**	**0.1270**

City Of Jackson, MS
J. H. Fewell (TF081)
Disinfectant Compliance

System ID   **250008-01**
Month Of   **April 2020**

April	TIME					
	12:00 AM	**4:00 AM**	**8:00 AM**	**12:00 PM**	**4:00 PM**	**8:00 PM**
1	3.9	4.0	4.0	3.2	2.3	3.9
2	3.5	3.4	2.7	3.2	2.1	2.3
3	3.5	2.6	3.7	3.8	4.0	4.0
4	3.5	3.6	3.0	2.4	3.5	2.9
5	2.9	2.4	3.7	3.5	3.5	2.5
6	2.5	3.5	3.4	2.6	2.1	2.5
7	3.0	2.5	3.5	3.2	4.0	3.2
8	3.2	3.2	3.0	2.3	3.7	3.8
9	3.8	3.8	3.9	3.9	4.0	3.9
10	4.0	4.0	3.9	4.0	3.4	3.4
11	3.6	3.5	3.6	3.4	3.0	3.2
12	3.0	2.9	3.0	3.2	3.3	3.1
13	3.1	3.0	3.1	3.0	3.1	2.9
14	2.4	2.8	3.3	3.4	3.2	3.2
15	3.2	3.2	3.4	3.1	3.5	3.1
16	3.2	3.2	3.1	3.3	3.1	3.5
17	3.1	3.2	3.1	3.7	3.6	3.7
18	3.3	3.1	3.3	3.7	3.5	3.0
19	3.3	3.2	3.7	3.3	3.2	3.2
20	3.5	3.4	4.0	3.1	3.7	3.5
21	3.4	3.4	3.3	3.3	3.7	4.0
22	3.5	3.6	3.6	3.5	3.5	3.3
23	3.2	3.0	3.01	3.2	3.6	3.0
24	3.0	3.0	3.0	3.2	3.4	3.1
25	3.0	3.1	3.2	3.1	3.1	3.3
26	3.3	3.2	3.1	3.1	3.5	3.4
27	3.2	3.1	3.0	2.5	2.7	2.9
28	2.6	2.9	2.9	2.9	2.8	2.9
29	2.9	3.1	3.0	3.0	3.0	2.9
30	2.7	2.8	2.0	2.6	2.4	2.3
MIN	**2.4**	**2.4**	**2.0**	**2.3**	**2.1**	**2.3**
MAX	**4.0**	**4.0**	**4.0**	**4.0**	**4.0**	**4.0**
AVG	**3.2**	**3.2**	**3.3**	**3.2**	**3.2**	**3.2**

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
								FILTERS (NTU)								
4/1/2020	12:00 AM	OFF	OFF	OFF	0.0702	0.1055	OFF	0.1122	0.2243	0.1773	0.0533	OFF	0.0880	OFF	0.0953	0.0849
	04:00 AM	OFF	OFF	OFF	0.0762	0.1168	OFF	0.1120	0.2206	0.1731	0.0545	OFF	0.0873	OFF	0.0896	0.0851
	08:00 AM	OFF	OFF	OFF	0.0813	0.1176	0.1448	0.1154	0.2146	0.1667	0.0567	OFF	0.0896	OFF	0.0911	0.0816
	12:00 PM	OFF	OFF	OFF	0.0718	0.0950	0.1125	0.1607	0.2053	0.1536	0.0527	OFF	0.0789	OFF	0.0778	0.0740
	04:00 PM	OFF	OFF	OFF	0.1311	0.0888	0.0924	0.1369	0.1983	0.1465	0.0493	OFF	0.0722	OFF	0.0739	0.0704
	08:00 PM	OFF	OFF	OFF	0.0807	0.0835	0.0760	0.1161	0.1902	0.1376	0.0463	OFF	0.1601	OFF	0.0681	0.0655
	AVG	OFF	OFF	OFF	0.0877	0.1014	0.1050	0.1270	0.2092	0.1592	0.0522	OFF	0.0961	OFF	0.0827	0.0771
4/2/2020	12:00 AM	OFF	OFF	OFF	0.0746	0.0840	0.0756	0.1123	0.1893	0.1378	0.0458	OFF	0.25	OFF	0.0825	0.0656
	04:00 AM	OFF	OFF	OFF	0.0955	0.0913	0.0820	0.1233	0.1921	0.1416	0.0461	OFF	0.2418	OFF	0.0691	0.0672
	08:00 AM	OFF	OFF	OFF	0.0910	0.0914	0.0759	0.1213	0.1920	0.1407	0.0470	OFF	OFF	OFF	0.0709	0.0656
	12:00 PM	OFF	OFF	OFF	0.0575	0.0805	0.0616	0.1043	0.1857	0.1315	0.2339	OFF	OFF	OFF	0.0683	0.0627
	04:00 PM	0.12	OFF	OFF	0.0520	0.0785	0.0597	0.0969	0.1850	0.1289	0.0584	OFF	OFF	OFF	OFF	0.0611
	08:00 PM	0.14	OFF	OFF	0.0504	0.0783	0.0590	0.0951	0.1835	0.1286	0.0480	OFF	OFF	OFF	OFF	0.0610
	AVG	0.13	OFF	OFF	0.0706	0.0839	0.0689	0.1092	0.1880	0.1348	0.0628	OFF	0.2459	OFF	0.0735	0.0638
4/3/2020	12:00 AM	0.11	OFF	OFF	0.0544	0.0796	0.0628	0.0978	0.1857	0.1322	0.0558	OFF	OFF	OFF	OFF	0.0625
	04:00 AM	0.14	0.0896	OFF	0.0598	0.0819	0.0663	0.1014	0.1881	0.1356	0.0588	OFF	OFF	OFF	OFF	0.0641
	08:00 AM	0.22	0.0621	OFF	0.0666	0.0851	0.0714	0.1096	0.1910	0.1407	0.0612	OFF	OFF	OFF	OFF	0.0665
	12:00 PM	0.18	OFF	OFF	0.0646	0.0837	0.0748	0.1176	0.1914	0.1456	0.0614	OFF	OFF	OFF	OFF	0.0690
	04:00 PM	0.18	OFF	OFF	0.0613	0.1967	0.0703	0.1112	0.2246	0.1438	0.0594	OFF	OFF	OFF	OFF	0.0851
	08:00 PM	0.12	OFF	OFF	0.0482	0.1516	0.0583	0.0969	0.1995	0.1284	0.0488	OFF	OFF	OFF	OFF	OFF
	AVG	0.1583	0.0681	OFF	0.0591	0.1280	0.0676	0.1064	0.1952	0.1379	0.0577	OFF	OFF	OFF	OFF	0.0668
4/4/2020	12:00 AM	0.14	OFF	OFF	0.0476	0.1022	0.0584	0.0971	0.1932	0.1286	0.0497	OFF	OFF	OFF	OFF	OFF
	04:00 AM	0.12	OFF	OFF	0.0476	0.0882	0.0589	0.0970	0.1908	0.1343	0.0489	OFF	OFF	OFF	OFF	OFF
	08:00 AM	0.13	OFF	OFF	0.0517	0.0915	0.0630	0.0945	0.1957	0.1416	0.0510	OFF	OFF	OFF	OFF	OFF
	12:00 PM	0.12	OFF	OFF	0.0530	0.0911	0.0633	0.0954	0.1943	0.1438	0.0508	OFF	OFF	OFF	OFF	OFF
	04:00 PM	0.11	OFF	OFF	0.0509	0.0892	0.1342	0.0962	0.1912	0.1855	0.0498	OFF	0.0861	OFF	OFF	0.0849
	08:00 PM	0.12	OFF	OFF	0.0511	0.0880	0.0912	0.0936	0.1893	0.1722	0.0555	OFF	0.0851	OFF	OFF	0.0818
	AVG	0.1233	OFF	OFF	0.0502	0.0920	0.0774	0.0957	0.1923	0.1487	0.0510	OFF	0.0854	OFF	OFF	0.0828
4/5/2020	12:00 AM	0.1361	OFF	OFF	0.0508	0.0865	0.0825	0.0923	0.1861	0.1596	0.0497	OFF	0.0807	OFF	OFF	0.0790
	04:00 AM	0.1360	OFF	OFF	0.0514	0.0872	0.0818	0.0919	0.1861	0.1582	0.0495	OFF	0.0856	OFF	OFF	0.0776
	08:00 AM	0.1358	OFF	OFF	0.0559	0.0878	0.0815	0.1334	0.1882	0.1574	0.0501	OFF	0.0897	OFF	0.1207	0.0791
	12:00 PM	OFF	OFF	OFF	OFF	0.0865	0.0783	0.1430	0.1872	0.1521	0.0489	OFF	0.0813	OFF	0.1146	0.0769
	04:00 PM	OFF	OFF	OFF	0.0978	0.0886	0.0764	0.1214	0.1885	0.1489	0.0484	OFF	0.0941	OFF	0.0958	0.0747
	08:00 PM	OFF	OFF	OFF	0.0947	0.0900	0.0782	0.1185	0.1896	0.1503	0.0493	OFF	0.0892	OFF	0.0935	0.0751
	AVG	0.1360	OFF	OFF	0.0705	0.0878	0.0798	0.1162	0.1877	0.1544	0.0493	OFF	0.0868	OFF	0.1016	0.0771
4/6/2020	12:00 AM	OFF	OFF	OFF	0.0879	0.0892	0.0757	0.1147	0.1873	0.1479	0.0486	OFF	0.0918	OFF	0.0887	0.0735
	04:00 AM	OFF	OFF	OFF	0.0832	0.0884	0.0738	0.1107	0.1853	0.1450	0.0468	OFF	0.0854	OFF	0.0869	0.0711
	08:00 AM	OFF	OFF	OFF	0.0866	0.0906	0.0722	0.1112	0.1843	0.1429	0.0460	OFF	0.0872	OFF	0.0846	0.0707
	12:00 PM	OFF	OFF	OFF	0.0697	0.0848	0.0615	0.1023	0.1786	0.1339	OFF	OFF	0.0897	OFF	0.0726	0.0640
	04:00 PM	OFF	OFF	OFF	0.0582	0.0803	0.0567	0.0923	0.1745	0.1279	OFF	OFF	0.0964	OFF	0.0682	0.0613
	08:00 PM	OFF	OFF	OFF	0.0573	0.0799	0.0571	0.0944	0.1757	0.1292	0.0726	OFF	0.1044	OFF	0.0671	0.0617
	AVG	OFF	OFF	OFF	0.0743	0.0856	0.0665	0.1041	0.1807	0.1378	0.0519	OFF	0.0925	OFF	0.0781	0.0671
4/7/2020	12:00 AM	OFF	OFF	OFF	0.0624	0.0806	0.0596	0.0912	0.1773	0.1309	0.0586	OFF	0.1088	OFF	0.0680	0.0623
	04:00 AM	OFF	OFF	OFF	0.0619	0.0817	0.0595	0.0921	0.1774	0.1314	0.0558	OFF	0.1045	OFF	0.0675	0.0617
	08:00 AM	OFF	OFF	OFF	0.0652	0.0817	0.0616	0.0959	0.1794	0.1333	0.0563	OFF	0.1049	OFF	0.0694	0.0627
	12:00 PM	0.2688	OFF	OFF	0.0600	0.1524	0.0595	0.0862	0.2192	0.1322	0.0543	OFF	OFF	OFF	0.0682	0.0624
	04:00 PM	0.2457	OFF	OFF	0.0618	0.1339	0.0598	0.0771	0.1955	0.1306	0.0508	OFF	OFF	OFF	0.0680	0.0615
	08:00 PM	0.2287	OFF	OFF	0.0552	0.0905	0.0586	0.0790	0.1893	0.1311	0.0504	OFF	OFF	OFF	0.0678	0.0611

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
	AVG	0.2478	OFF	OFF	0.0612	0.0997	0.0598	0.0858	0.1907	0.1316	0.0544	OFF	0.1061	OFF	0.0682	0.0619
4/8/2020	12:00 AM	0.2199	OFF	OFF	0.0532	0.0886	0.0581	0.0777	0.1846	0.1312	0.0494	OFF	OFF	OFF	0.0661	0.0600
	04:00 AM	0.2174	OFF	OFF	0.0535	0.0865	0.0576	0.0780	0.1808	0.1323	0.0463	OFF	OFF	OFF	0.0700	0.0578
	08:00 AM	0.2130	OFF	OFF	0.0514	0.0840	0.0558	0.0757	0.1770	0.1298	0.0417	OFF	0.1250	OFF	0.0673	0.0583
	12:00 PM	0.2278	OFF	OFF	0.0547	0.0887	0.1058	0.0750	0.1794	0.1332	0.0441	OFF	0.1385	OFF	0.0690	OFF
	04:00 PM	0.2020	OFF	OFF	0.0494	0.0777	0.0677	0.0699	0.1684	OFF	0.0355	OFF	0.1294	OFF	0.0638	OFF
	08:00 PM	0.1968	OFF	OFF	0.0467	0.0760	0.0618	0.0682	0.1679	OFF	0.0396	OFF	0.1302	OFF	0.0621	OFF
	AVG	0.2135	OFF	OFF	0.0515	0.0837	0.0663	0.0743	0.1764	0.1313	0.0427	OFF	0.1321	OFF	0.0664	0.0587
4/9/2020	12:00 AM	0.2005	OFF	OFF	0.0493	0.0778	0.0638	0.0678	0.1695	OFF	0.0406	OFF	0.1341	OFF	0.0627	OFF
	04:00 AM	0.2037	OFF	OFF	0.0506	0.0782	0.0625	0.0671	0.1692	OFF	0.0407	OFF	0.1383	OFF	0.0666	OFF
	08:00 AM	0.2077	OFF	OFF	0.0526	0.0789	0.0734	0.0750	0.1690	OFF	0.0408	OFF	0.1256	OFF	0.0642	0.0997
	12:00 PM	0.2020	OFF	OFF	OFF	0.0774	0.0615	OFF	0.1668	0.1666	0.0421	OFF	0.0974	OFF	OFF	0.0839
	04:00 PM	0.2005	OFF	OFF	0.0907	0.0773	0.0610	OFF	0.1703	0.1504	0.0404	OFF	0.1250	OFF	0.1093	0.0761
	08:00 PM	0.2006	OFF	OFF	0.0763	0.0786	0.0625	OFF	0.1738	0.1473	OFF	OFF	0.1222	OFF	0.0910	0.0724
	AVG	0.2025	OFF	OFF	0.0612	0.0780	0.0643	0.0695	0.1697	0.1545	0.0410	OFF	0.1238	OFF	0.0762	0.0794
4/10/2020	12:00 AM	0.2010	OFF	OFF	0.0679	0.0791	0.0631	OFF	0.1781	0.1447	OFF	OFF	0.1216	OFF	0.0837	0.0732
	04:00 AM	0.2055	OFF	OFF	0.0685	0.0805	0.0658	OFF	0.1847	0.1468	OFF	OFF	0.1015	OFF	0.0927	0.0737
	08:00 AM	0.2117	OFF	OFF	0.0736	0.0822	0.0666	0.0456	0.1895	0.1472	OFF	OFF	0.0957	OFF	0.0853	0.0727
	12:00 PM	OFF	OFF	OFF	0.0617	OFF	0.0626	0.0947	OFF	0.1401	OFF	OFF	0.1010	OFF	0.0869	0.0682
	04:00 PM	OFF	OFF	OFF	0.0620	OFF	0.0638	0.1000	OFF	0.1407	0.0542	OFF	0.1022	OFF	0.0793	0.0677
	08:00 PM	OFF	OFF	OFF	0.0627	OFF	0.0646	0.0930	OFF	0.1406	0.0561	OFF	0.1053	OFF	0.0863	0.0670
	AVG	0.2039	OFF	OFF	0.0661	0.0806	0.0645	0.0961	0.1831	0.1434	0.0557	OFF	0.1046	OFF	0.0858	0.0703
4/11/2020	12:00 AM	OFF	OFF	OFF	0.0686	OFF	0.0676	0.0978	OFF	0.1448	0.0604	OFF	0.1074	OFF	0.0821	0.0705
	04:00 AM	OFF	OFF	OFF	0.0658	OFF	0.0675	0.0946	OFF	0.1426	0.0582	OFF	0.1011	OFF	0.0987	0.0696
	08:00 AM	OFF	OFF	OFF	0.0606	OFF	0.0651	0.0898	OFF	0.1399	0.0580	OFF	0.1013	OFF	0.0827	0.0672
	12:00 PM	OFF	OFF	OFF	0.0568	0.0912	0.0618	0.0852	OFF	0.1362	0.0525	OFF	0.0970	OFF	0.0789	0.0643
	04:00 PM	OFF	OFF	OFF	0.0574	0.0973	0.1007	0.0839	OFF	0.1364	0.0523	OFF	OFF	OFF	0.0905	0.0653
	08:00 PM	OFF	OFF	OFF	0.0560	0.0907	0.0852	0.0791	OFF	0.1345	0.0503	OFF	OFF	OFF	0.0705	0.0624
	AVG	OFF	OFF	OFF	0.0609	0.0937	0.0729	0.0886	OFF	0.1391	0.0553	OFF	0.1017	OFF	0.0841	0.0665
4/12/2020	12:00 AM	0.2075	OFF	OFF	0.0593	0.0929	0.0847	0.0833	0.2081	0.1369	0.0513	OFF	OFF	OFF	0.0721	0.0653
	04:00 AM	0.2602	OFF	OFF	0.0988	0.1036	0.1240	0.0939	0.2513	0.1464	0.0518	OFF	OFF	OFF	0.0753	0.0686
	08:00 AM	0.2406	OFF	OFF	0.0874	0.0957	0.0986	0.0839	0.2081	0.1398	0.0492	OFF	OFF	OFF	0.0727	0.0673
	12:00 PM	0.2345	OFF	OFF	0.0595	0.0914	0.0905	0.0779	0.1960	0.1399	0.0465	OFF	OFF	OFF	0.0717	0.0707
	04:00 PM	0.2448	OFF	OFF	0.0585	0.0922	0.0886	0.0831	0.2129	0.1541	0.0493	OFF	0.1601	OFF	0.0708	OFF
	08:00 PM	0.2182	OFF	OFF	0.0539	0.0851	0.0743	0.0784	0.2095	0.1888	0.0460	OFF	0.1274	OFF	0.0699	OFF
	AVG	0.2400	OFF	OFF	0.0719	0.0936	0.0945	0.0835	0.2171	0.1534	0.0490	OFF	0.1330	OFF	0.0721	0.0678
4/13/2020	12:00 AM	0.2355	OFF	OFF	0.0630	0.0899	0.0805	0.0813	0.2167	0.2362	0.0522	OFF	0.1303	OFF	0.0764	OFF
	04:00 AM	0.2567	OFF	OFF	0.0764	0.1043	0.0977	0.0878	0.2255	0.2685	0.0537	OFF	0.1271	OFF	0.0820	OFF
	08:00 AM	0.2540	OFF	OFF	0.0740	0.1033	0.0953	0.0848	0.2140	0.2919	0.0513	OFF	0.1100	OFF	0.0844	OFF
	12:00 PM	0.2336	OFF	OFF	0.0902	0.0935	0.0834	0.0761	0.2014	0.2462	OFF	OFF	0.1016	OFF	0.1373	0.1114
	04:00 PM	0.2194	OFF	OFF	0.1012	0.0905	0.0765	0.0745	0.1930	0.1844	0.0671	OFF	0.0991	OFF	0.1028	0.0850
	08:00 PM	0.2184	OFF	OFF	0.0762	0.0846	0.0705	0.0765	0.1895	0.1406	0.0629	OFF	0.0940	OFF	0.0882	0.0765
	AVG	0.2339	OFF	OFF	0.0804	0.0945	0.0841	0.0805	0.2060	0.2457	0.0574	OFF	0.1103	OFF	0.0896	0.0914
4/14/2020	12:00 AM	0.2136	OFF	OFF	0.0718	0.0835	0.0709	0.0739	0.1890	OFF	0.0661	OFF	0.0830	OFF	0.0890	0.0768
	04:00 AM	0.2141	OFF	OFF	0.0711	0.0837	0.0716	0.0745	0.1900	OFF	0.0638	OFF	0.0935	OFF	0.0840	0.0776
	08:00 AM	0.2188	OFF	OFF	0.0692	0.0832	0.0709	0.0748	0.1908	OFF	0.0693	OFF	0.0964	OFF	0.0839	0.0768
	12:00 PM	0.2128	OFF	OFF	0.0653	0.0812	0.0689	OFF	0.1911	0.1928	0.0588	OFF	0.1033	OFF	0.1013	0.0753
	04:00 PM	0.2168	OFF	OFF	0.0651	OFF	0.0698	OFF	0.1933	0.1724	0.0585	OFF	0.1116	OFF	0.0823	0.0760
	08:00 PM	0.2222	OFF	OFF	0.0711	OFF	0.0745	OFF	0.1955	0.1648	0.0585	OFF	0.1125	OFF	0.0825	0.0761
	AVG	0.2165	OFF	OFF	0.0689	0.0833	0.0711	0.0743	0.1917	0.1751	0.0626	OFF	0.1001	OFF	0.0873	0.0764

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)														
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
4/15/2020	12:00 AM	0.2221	OFF	OFF	0.0708	OFF	0.0752	OFF	0.1973	0.1602	0.0583	OFF	0.0995	OFF	0.0957	0.0761
	04:00 AM	0.2259	OFF	OFF	0.0707	OFF	0.0753	OFF	0.2021	0.1583	0.0613	OFF	0.0967	OFF	0.0833	0.0761
	08:00 AM	0.2375	OFF	OFF	0.0787	0.1133	0.0748	OFF	0.2200	0.1640	0.0578	OFF	0.1221	OFF	0.0826	0.0715
	12:00 PM	0.2567	OFF	OFF	0.0791	0.1288	0.0850	OFF	0.2552	0.1531	0.0566	OFF	0.1118	OFF	0.0882	0.0715
	04:00 PM	0.2453	OFF	OFF	0.0761	0.1098	0.1035	OFF	0.2630	0.1574	0.0609	OFF	0.1196	OFF	0.1240	0.0757
	08:00 PM	0.2475	OFF	OFF	0.0771	0.1076	0.1849	0.1206	0.3144	0.1577	0.0622	OFF	0.1186	OFF	0.1359	0.0766
	AVG	0.2401	OFF	OFF	0.0755	0.1154	0.1060	0.1206	0.2330	0.1585	0.0595	OFF	0.1114	OFF	0.1024	0.0746
4/16/2020	12:00 AM	0.2515	OFF	OFF	0.0741	0.1029	0.2613	0.1101	OFF	0.1547	0.0615	OFF	0.1104	OFF	0.1264	0.0765
	04:00 AM	0.2413	OFF	OFF	0.0755	0.1058	0.1743	0.1065	OFF	0.1560	0.0629	OFF	0.1111	OFF	0.1511	0.0801
	08:00 AM	0.20	OFF	OFF	0.0761	0.1036	0.1095	0.1080	0.2912	0.1600	0.0687	OFF	0.1063	OFF	0.1729	0.0811
	12:00 PM	OFF	0.0480	OFF	0.0803	0.1016	0.1573	0.1088	0.30	0.1644	0.0965	OFF	0.1214	OFF	0.1839	0.2491
	04:00 PM	OFF	OFF	OFF	0.0818	0.0982	0.1607	0.0942	0.2577	0.1677	0.1050	OFF	0.1356	OFF	OFF	0.0859
	08:00 PM	OFF	OFF	OFF	0.0975	0.0963	0.1144	0.0889	0.2453	0.1965	0.1179	OFF	0.1378	OFF	OFF	0.0852
	AVG	0.2309	0.0480	OFF	0.0814	0.1014	0.1671	0.1028	0.2735	0.1676	0.0868	OFF	0.1204	OFF	0.1549	0.1015
4/17/2020	12:00 AM	OFF	OFF	OFF	0.1205	0.0961	0.1049	0.0816	0.2350	0.2636	0.1586	OFF	0.1361	OFF	OFF	0.0753
	04:00 AM	OFF	OFF	OFF	0.1791	0.0984	0.1021	0.0909	0.2298	0.20	0.1413	OFF	0.1362	OFF	OFF	0.0754
	08:00 AM	0.2874	OFF	OFF	0.1468	0.0931	0.0935	0.0891	0.2205	OFF	OFF	OFF	0.1391	OFF	OFF	0.0682
	12:00 PM	0.2725	OFF	OFF	0.1021	0.0907	0.0853	0.0830	0.2108	OFF	0.0566	OFF	0.1474	OFF	OFF	0.0687
	04:00 PM	0.2524	OFF	OFF	0.1744	0.0873	0.0810	0.0919	0.2053	OFF	0.0673	OFF	0.1453	OFF	OFF	0.1001
	08:00 PM	OFF	OFF	OFF	0.1624	0.0875	0.0811	0.0787	0.2023	OFF	0.0709	OFF	0.2215	OFF	OFF	0.0897
	AVG	0.2706	OFF	OFF	0.1510	0.0922	0.0915	0.0858	0.2174	0.2318	0.1093	OFF	0.1557	OFF	OFF	0.0805
4/18/2020	12:00 AM	OFF	OFF	OFF	0.1319	0.0880	0.0804	0.0699	0.2062	OFF	0.0702	OFF	0.1788	OFF	OFF	0.0784
	04:00 AM	OFF	0.0328	OFF	0.0939	0.0924	0.0851	0.0917	0.2105	OFF	0.0684	OFF	0.1548	OFF	OFF	0.1759
	08:00 AM	0.2484	0.0325	OFF	0.0832	0.0916	0.0805	0.1015	0.2237	0.2274	0.0633	OFF	0.1370	OFF	OFF	0.1166
	12:00 PM	0.2451	0.0322	OFF	0.0783	OFF	0.0813	0.1066	0.2755	0.1971	0.0619	OFF	0.1690	OFF	OFF	0.1055
	04:00 PM	0.2516	0.0333	OFF	0.0886	OFF	0.0911	0.0946	OFF	0.1936	0.0658	OFF	0.2012	OFF	OFF	0.1067
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF	0.0875	OFF	0.2022	0.0722	OFF	0.34	OFF	OFF	0.1162
	AVG	0.2469	0.0324	OFF	0.0951	0.0906	0.0836	0.0921	0.2289	0.2003	0.0670	OFF	0.1968	OFF	OFF	0.1170
4/19/2020	12:00 AM	OFF	OFF	OFF	0.0873	0.1157	0.0864	0.0918	0.2097	0.1890	0.0704	OFF	OFF	OFF	OFF	0.1074
	04:00 AM	OFF	OFF	OFF	0.0940	0.1171	0.0926	0.0867	0.2650	0.1928	0.0730	OFF	OFF	OFF	OFF	0.1116
	08:00 AM	OFF	OFF	OFF	0.0915	0.1155	0.1184	0.0952	OFF	0.1845	0.0715	OFF	OFF	OFF	0.1689	0.1052
	12:00 PM	OFF	OFF	OFF	0.0893	0.1112	0.1167	0.1443	0.2848	0.1810	0.0729	OFF	0.2122	OFF	0.1585	0.1038
	04:00 PM	OFF	OFF	OFF	0.0924	0.1143	OFF	0.1399	0.2631	0.1813	0.0739	OFF	0.2383	OFF	0.1526	0.1050
	08:00 PM	OFF	OFF	OFF	0.0860	0.1086	OFF	0.1187	0.2403	0.1729	0.0697	OFF	0.2449	OFF	0.1334	0.0984
	AVG	OFF	OFF	OFF	0.0901	0.1138	0.1015	0.1122	0.2534	0.1838	0.0719	OFF	0.2357	OFF	0.1499	0.1054
4/20/2020	12:00 AM	OFF	OFF	OFF	0.0900	0.1125	OFF	0.1149	0.2422	0.1777	0.0749	OFF	0.2020	OFF	0.1372	0.1016
	04:00 AM	OFF	OFF	OFF	0.0880	0.1103	OFF	0.1171	0.2391	0.1733	0.0729	OFF	0.1682	OFF	0.1339	0.0982
	08:00 AM	OFF	OFF	OFF	0.0863	0.1106	OFF	0.1188	0.2337	0.1711	0.0720	OFF	0.1519	OFF	0.1255	0.0973
	12:00 PM	OFF	OFF	OFF	0.0813	0.1040	OFF	0.1088	0.2235	0.1640	0.0662	OFF	0.1756	OFF	0.1162	0.0921
	04:00 PM	OFF	OFF	OFF	0.0802	0.1026	OFF	0.1049	0.2226	0.1639	0.0601	OFF	0.2150	OFF	0.1142	0.0922
	08:00 PM	OFF	OFF	OFF	0.0837	0.1046	OFF	0.1051	0.2231	0.1653	0.0548	OFF	0.2058	OFF	0.1155	0.0935
	AVG	OFF	OFF	OFF	0.0848	0.1074	OFF	0.1121	0.2310	0.1692	0.0666	OFF	0.1865	OFF	0.1239	0.0959
4/21/2020	12:00 AM	OFF	OFF	OFF	0.0859	0.1037	OFF	0.1014	0.2177	0.1607	0.0562	OFF	0.1833	OFF	0.1104	0.0901
	04:00 AM	0.2539	OFF	OFF	0.0834	0.0976	OFF	0.0949	0.2095	0.1535	0.0549	OFF	0.1504	OFF	0.1041	0.0855
	08:00 AM	0.2504	OFF	OFF	0.1082	0.0935	0.1606	0.0921	0.2060	0.1481	0.0576	OFF	0.1543	OFF	0.0968	0.1390
	12:00 PM	0.2528	OFF	OFF	0.1890	0.0929	0.1304	0.0895	0.2053	OFF	OFF	OFF	0.1715	OFF	0.0961	0.1339
	04:00 PM	0.2504	OFF	OFF	0.1625	0.0928	0.1189	0.0942	0.2068	OFF	OFF	OFF	0.1943	OFF	0.0943	0.1205
	08:00 PM	0.2536	OFF	OFF	0.1143	0.0936	0.1191	0.0974	0.2108	OFF	OFF	OFF	0.1852	OFF	0.0969	0.1196
	AVG	0.2520	OFF	OFF	0.1323	0.0957	0.1296	0.0946	0.2093	0.1545	0.0560	OFF	0.1732	OFF	0.0998	0.1136

J.H. Fewell (TF081) Turbidity Compliance Report

		FILTERS (NTU)													
Date	Hour	#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
4/22/2020	12:00 AM	0.2661	OFF	OFF	0.1025	0.0935	0.1134	0.0926	0.2097	OFF	OFF	OFF	0.1693	OFF	0.0959	0.1140
	04:00 AM	0.17	OFF	OFF	0.0890	0.0904	0.1024	0.0936	0.2063	OFF	OFF	OFF	0.1501	OFF	0.0901	0.1014
	08:00 AM	0.2484	OFF	OFF	0.0825	0.0891	0.0977	0.0884	0.2169	0.2457	0.0984	OFF	0.1427	OFF	0.0867	0.0950
	12:00 PM	0.2621	OFF	OFF	0.0870	0.1476	0.1023	0.0937	0.2237	0.2087	0.0940	OFF	0.1536	OFF	OFF	0.1001
	04:00 PM	0.2543	OFF	OFF	0.0825	0.1349	0.0982	OFF	0.2124	0.1933	0.0849	OFF	0.1682	OFF	OFF	0.0953
	08:00 PM	0.2452	OFF	OFF	0.0769	0.1158	0.0933	0.1419	0.2261	0.1827	0.0825	OFF	0.1591	OFF	OFF	0.0904
	AVG	0.2410	OFF	OFF	0.0868	0.1147	0.1013	0.0996	0.2162	0.2024	0.0878	OFF	0.1572	OFF	0.0914	0.0996
4/23/2020	12:00 AM	0.2572	OFF	OFF	0.0795	0.1180	0.0977	0.1342	0.2475	0.1879	0.0862	OFF	0.1389	OFF	OFF	0.0938
	04:00 AM	0.2471	OFF	OFF	0.0710	0.1026	0.0893	0.1071	0.2368	0.1730	0.0755	OFF	0.1687	OFF	OFF	0.0854
	08:00 AM	0.2759	OFF	OFF	0.0883	0.1177	0.1062	0.1248	0.2671	0.1999	0.0914	OFF	0.1737	OFF	0.2324	0.1014
	12:00 PM	0.2844	OFF	OFF	0.0972	0.1227	0.1093	0.1160	0.2944	0.2009	0.0926	OFF	OFF	OFF	0.1886	0.1053
	04:00 PM	OFF	OFF	OFF	0.0934	0.1182	0.1035	0.1171	0.2613	0.1903	0.0861	OFF	OFF	OFF	0.1624	0.1497
	08:00 PM	OFF	OFF	OFF	0.0878	0.1159	0.0981	0.1134	0.2427	0.1793	0.0788	OFF	OFF	OFF	0.1445	0.1739
	AVG	0.2623	OFF	OFF	0.0879	0.1167	0.1019	0.1193	0.2607	0.1900	0.0857	OFF	0.1611	OFF	0.1731	0.1233
4/24/2020	12:00 AM	OFF	OFF	OFF	0.0823	0.1098	0.0953	0.1066	0.2313	0.1741	0.0751	OFF	0.1758	OFF	0.1466	OFF
	04:00 AM	OFF	OFF	OFF	0.0810	0.1074	0.0944	0.0986	0.2250	0.1716	0.0728	OFF	0.1738	OFF	0.1248	OFF
	08:00 AM	0.1270	OFF	OFF	0.0782	0.1027	0.1681	0.0964	0.2165	0.1679	0.0703	OFF	OFF	OFF	0.1160	0.1572
	12:00 PM	0.26	OFF	OFF	OFF	0.0948	0.1293	0.0902	0.2021	0.1549	OFF	OFF	0.1712	OFF	0.1017	0.1149
	04:00 PM	0.2812	OFF	OFF	0.1313	0.0935	0.1115	0.0882	0.2011	0.1516	OFF	OFF	0.1735	OFF	0.1005	0.1065
	08:00 PM	0.2671	OFF	OFF	0.1053	0.0900	0.1033	0.0867	0.1965	OFF	OFF	OFF	0.1677	OFF	0.0947	0.0999
	AVG	0.2338	OFF	OFF	0.0957	0.0997	0.1151	0.0947	0.2122	0.1654	0.0731	OFF	0.1720	OFF	0.1145	0.1184
4/25/2020	12:00 AM	0.2549	OFF	OFF	0.0907	0.0886	0.0972	0.0857	0.1919	OFF	OFF	OFF	0.1542	OFF	0.0933	0.0950
	04:00 AM	0.2808	OFF	OFF	0.0996	0.0927	0.1075	0.0918	0.2002	OFF	OFF	OFF	0.1557	OFF	0.1039	0.1046
	08:00 AM	0.2634	OFF	OFF	0.0983	0.0929	0.1063	0.0961	0.2000	OFF	0.1105	OFF	0.1314	OFF	0.1032	0.1036
	12:00 PM	0.2660	OFF	OFF	0.0971	0.0952	0.1042	0.0938	0.2016	OFF	0.0983	OFF	0.1445	OFF	0.1019	0.1020
	04:00 PM	0.2664	OFF	OFF	0.0967	0.1491	0.1057	0.0951	0.2047	0.2286	0.0942	OFF	0.1448	OFF	0.1023	0.1021
	08:00 PM	0.2665	OFF	OFF	0.0968	0.1477	0.1083	OFF	0.2077	OFF	0.0934	OFF	0.1393	OFF	0.1043	0.1034
	AVG	0.2653	OFF	OFF	0.0965	0.1133	0.1049	0.0923	0.2010	0.2286	0.0986	OFF	0.1450	OFF	0.1015	0.1017
4/26/2020	12:00 AM	0.2542	OFF	OFF	0.0916	0.1260	0.1058	0.1226	0.2055	OFF	0.0885	OFF	0.1406	OFF	0.1016	0.0991
	04:00 AM	0.2686	OFF	OFF	0.0969	0.1212	0.1120	0.1594	0.2117	OFF	0.0922	OFF	0.1320	OFF	0.1064	0.1043
	08:00 AM	0.2682	OFF	OFF	0.0953	0.1176	0.1083	0.1388	0.2112	0.2691	0.0886	OFF	0.1224	OFF	0.1042	0.1013
	12:00 PM	0.2632	OFF	OFF	0.0892	0.1157	0.1037	0.1232	OFF	0.2270	0.0837	OFF	0.1115	OFF	0.1944	0.0978
	04:00 PM	0.2774	OFF	OFF	0.0954	0.1235	0.1097	0.1300	0.3034	0.2232	0.0890	OFF	OFF	OFF	0.1918	OFF
	08:00 PM	0.2893	OFF	OFF	0.1003	0.1249	0.1158	0.1352	0.2893	0.2057	0.0917	OFF	OFF	OFF	0.1759	OFF
	AVG	0.2704	OFF	OFF	0.0947	0.1216	0.1092	0.1373	0.2376	0.2214	0.0890	OFF	0.1285	OFF	0.1416	0.1007
4/27/2020	12:00 AM	0.2778	OFF	OFF	0.0964	0.1185	0.1147	0.1266	0.2681	0.1997	0.0881	OFF	OFF	OFF	0.1587	OFF
	04:00 AM	0.2589	OFF	OFF	0.0890	0.1136	0.1138	0.1184	0.2541	0.1826	0.0841	OFF	OFF	OFF	0.1687	OFF
	08:00 AM	0.2505	OFF	OFF	0.0812	0.1085	0.1044	0.1099	0.2404	0.1769	0.0780	OFF	OFF	OFF	0.1294	OFF
	12:00 PM	0.1867	OFF	OFF	0.0716	0.1009	0.0936	0.0990	0.2263	0.1620	0.0709	OFF	OFF	OFF	0.1148	OFF
	04:00 PM	0.0419	OFF	OFF	0.0705	0.1001	0.0935	0.0965	0.2265	0.1614	0.0694	OFF	0.1518	OFF	0.1135	0.1563
	08:00 PM	0.0430	OFF	OFF	0.0811	0.1026	0.1047	0.0981	0.2287	0.1651	0.0648	OFF	0.1435	OFF	0.1257	0.1417
	AVG	0.1856	OFF	OFF	0.0818	0.1074	0.1042	0.1084	0.2410	0.1749	0.0758	OFF	0.1469	OFF	0.1354	0.1479
4/28/2020	12:00 AM	0.0421	OFF	OFF	0.0823	0.0986	0.1065	0.0950	0.2218	0.1599	0.0602	OFF	0.1253	OFF	0.1181	0.1259
	04:00 AM	0.0405	OFF	OFF	0.0741	0.0945	0.1075	0.0908	0.2137	0.1543	0.0568	OFF	0.1171	OFF	0.1012	0.1129
	08:00 AM	0.0411	OFF	OFF	0.0703	0.0942	0.1045	0.0882	0.2098	0.1517	0.0641	OFF	0.1102	OFF	0.0971	0.1062
	12:00 PM	0.0406	OFF	OFF	0.0660	0.0904	0.1592	0.0847	0.2030	0.1462	0.0625	OFF	0.1024	OFF	0.0917	0.0969
	04:00 PM	OFF	OFF	OFF	0.0659	0.0892	0.1449	0.0834	0.2008	0.1459	0.0625	OFF	0.0980	OFF	0.0909	0.0957
	08:00 PM	OFF	OFF	OFF	0.0697	0.0920	0.1228	0.0855	0.2009	0.1477	0.0631	OFF	0.1144	OFF	0.0956	0.0960
	AVG	0.0412	OFF	OFF	0.0717	0.0931	0.1215	0.0878	0.2083	0.1510	0.0615	OFF	0.1110	OFF	0.0992	0.1057

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)														
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28
4/29/2020	12:00 AM	OFF	OFF	OFF	0.0762	0.0948	0.1221	0.0920	0.2090	0.1570	0.0665	OFF	0.1109	OFF	0.0987	0.1009
	04:00 AM	OFF	OFF	OFF	0.0811	0.0958	0.1198	0.0940	0.2143	0.1642	0.0697	OFF	0.1167	OFF	0.1020	0.1030
	08:00 AM	OFF	OFF	OFF	0.0827	0.0926	0.1068	0.0881	0.2105	0.1612	0.0675	OFF	0.1065	OFF	0.0955	0.0965
	12:00 PM	0.0585	OFF	OFF	OFF	0.0927	0.0945	0.0907	0.2074	0.1590	0.0641	OFF	0.1076	OFF	0.0907	0.0909
	04:00 PM	0.0525	OFF	OFF	0.2029	OFF	0.0913	0.0913	0.2067	0.1556	0.0617	OFF	0.1066	OFF	0.0902	0.0889
	08:00 PM	0.0508	OFF	OFF	0.1501	OFF	0.0944	0.0946	0.2134	0.1616	0.0665	OFF	0.1173	OFF	0.0932	0.0906
	AVG	0.0531	OFF	OFF	0.1239	0.0942	0.1054	0.0918	0.2102	0.1598	0.0660	OFF	0.1111	OFF	0.0951	0.0951
4/30/2020	12:00 AM	0.0500	OFF	OFF	0.1172	OFF	0.0983	0.0965	0.2206	0.1686	0.0688	OFF	0.1164	OFF	0.0997	0.0944
	04:00 AM	0.0471	OFF	OFF	0.1067	OFF	0.1066	0.0989	0.2970	0.2677	0.1030	OFF	0.1381	OFF	0.1241	0.0967
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	0.0521	OFF	OFF	0.1037	0.1148	0.0860	0.1156	0.2352	0.1550	0.0895	OFF	0.1164	OFF	0.1282	0.1208
	04:00 PM	0.0528	OFF	OFF	0.0901	0.1331	0.0825	0.1043	0.2220	0.1718	0.0975	OFF	0.1178	OFF	0.1371	0.1292
	08:00 PM	0.0535	OFF	OFF	0.0756	0.1455	0.0795	0.0887	0.2481	0.1987	0.1213	OFF	0.1214	OFF	0.1405	0.1311
	AVG	0.0511	OFF	OFF	0.0986	0.1311	0.0905	0.1008	0.2445	0.1923	0.0960	OFF	0.1220	OFF	0.1259	0.1144

JH Fewell (TF081) UV Compliance

System ID 250008-01   **Month Of** April 2020   **Total Off-Specification Volume (MG) =** 0

Date	Min Flow Rate (MGD)	Total Production (Gals)	UV Reactor #1			UV Reactor #2			UV Reactor #3			UV Reactor #4		
			Run Time (Hrs)	Calc Min Dose (mJ/cm^2)	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm^2)	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm^2)	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm^2)	Min UVT (%)
4/1/2020	20.9	20887591	OFFLINE			24.0	24	85	OFFLINE			24.0	21	87
4/2/2020	20.9	20900798	OFFLINE			24.0	24	85	OFFLINE			24.0	20	87
4/3/2020	18.0	17950516	OFFLINE			24.0	25	85	OFFLINE			OFFLINE		
4/4/2020	20.2	20192262	OFFLINE			24.0	24	85	OFFLINE			22.5	19	87
4/5/2020	20.5	20456943	OFFLINE			24.0	23	85	OFFLINE			24.0	18	87
4/6/2020	22.8	22828712	OFFLINE			21.2	23	85	7.4	26	75	24.0	17	87
4/7/2020	18.2	18196699	5.3	26	85	OFFLINE			24.0	24	75	10.1	15	87
4/8/2020	18.7	18737001	24.0	27	85	OFFLINE			9.6	22	75	6.8	26	87
4/9/2020	17.8	17778704	24.0	27	85	OFFLINE			OFFLINE			15.0	25	87
4/10/2020	17.1	17120933	24.0	27	85	OFFLINE			OFFLINE			12.8	23	87
4/11/2020	21.0	20980192	24.0	28	85	OFFLINE			OFFLINE			24.0	24	87
4/12/2020	16.6	16608425	24.0	28	85	OFFLINE			OFFLINE			11.8	24	87
4/13/2020	21.3	21347069	24.0	28	85	OFFLINE			OFFLINE			24.0	24	87
4/14/2020	16.7	16666481	24.0	26	85	OFFLINE			OFFLINE			11.6	26	87
4/15/2020	25.7	25743730	24.0	27	85	OFFLINE			9.7	24	75	24.0	26	87
4/16/2020	22.7	22685364	24.0	25	85	OFFLINE			1.2	22	75	24.0	24	87
4/17/2020	15.3	15308069	24.0	25	85	OFFLINE			OFFLINE			8.3	24	87
4/18/2020	16.2	16177151	24.0	26	85	OFFLINE			OFFLINE			9.8	26	87
4/19/2020	15.0	14970308	24	25	85	OFFLINE			OFFLINE			7.6	24	87
4/20/2020	19.3	19258132	16	25	85	OFFLINE			12.7	24	75	13.4	25	87
4/21/2020	15.9	15915475	OFFLINE			OFFLINE			24	24	75	9.3	24	87
4/22/2020	18.4	18439144	5.7	24	85	OFFLINE			24.0	24	75	10	24	87
4/23/2020	19.0	19007913	24	25	85	OFFLINE			15.9	23	75	OFFLINE		
4/24/2020	19.1	19129173	24.0	26	85	OFFLINE			10.4	20	75	6.6	23	87
4/25/2020	22.1	22115865	24.0	24	85	OFFLINE			1.8	20	75	24	26	87
4/26/2020	17	16977301	10.2	23	85	OFFLINE			2.5	19	75	24.0	26	87
4/27/2020	26.1	26140461	15.4	22	85	OFFLINE			19.7	19	75	24.0	24	87
4/28/2020	24.1	24060584	24.0	20	85	OFFLINE			OFFLINE			24.0	24	87
4/29/2020	21.8	21798258	11.3	19	85	OFFLINE			6.0	15	75	24.0	21	87
4/30/2020	17.6	17568785	OFFLINE			OFFLINE			9.7	15	75	24.0	20	87

CITY OF JACKSON
O. B. Curtis Conventional (TF082)
Weekly Report For HS# 1 Based on Finished Water

System ID   **250008-02**
Month Of   **April 2020**

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

CONTINUOUS

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

97.0%

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	1.9	7	2.1	13	2.3	19	2.5	25	0.6
2	2.4	8	2.3	14	2.6	20	2.4	26	1.7
3	2.4	9	2.5	15	2.0	21	2.3	27	2.5
4	2.5	10	2.3	16	1.7	22	2.4	28	1.8
5	2.5	11	2.4	17	2.0	23	2.4	29	2.2
6	1.7	12	0.9	18	2.6	24	2.4	30	1.7
								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.

135

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

10. Date of last calibration for online monitoring equipment.

5/1/2020

City Of Jackson, MS
O. B. Curtis Conventional (TF082)
Turbidity Compliance Report Based on Finished Water

System ID   **250008-02**
Month Of   **April 2020**

April	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTERS	FINISHED
1	14.4187	1.2819	0.1192	0.1425
2	14.4125	1.7900	0.1366	0.1419
3	15.0500	1.8300	0.0972	0.1137
4	16.7563	1.3600	0.1190	0.1106
5	15.6000	1.7237	0.1114	0.1131
6	19.6000	2.7800	0.2092	0.1169
7	23.0000	1.7600	0.1486	0.1425
8	22.4000	1.3400	0.1485	0.1394
9	21.2000	1.4400	0.1046	0.1275
10	22.7000	1.5300	0.1792	0.1456
11	23.1000	1.7200	0.1460	0.2044
12	26.0625	1.6387	0.1362	0.1412
13	21.2000	1.2200	0.1179	0.1312
14	20.6313	1.2300	0.1560	0.1494
15	16.1000	1.4200	0.2259	0.1456
16	29.0375	1.9300	0.3412	0.5920
17	15.6250	1.9400	0.2576	0.2725
18	19.7437	2.1600	0.2940	0.3175
19	18.3062	1.8906	0.1661	0.2188
20	22.4750	1.3338	0.2777	0.1669
21	22.5812	1.6087	0.1329	0.1969
22	29.1875	1.5399	0.1842	0.1644
23	32.9188	2.5394	0.1001	0.1506
24	33.8312	1.7899	0.1099	0.1519
25	32.5099	2.0675	0.3313	0.2806
26	34.5312	1.5000	0.0962	0.2231
27	32.8900	1.3400	0.0802	0.1300
28	39.9250	1.9563	0.2949	0.3110
29	37.8125	1.8262	0.1911	0.2113
30	31.9562	1.6581	0.2427	0.1694
MIN	14.4125	1.2200	0.0802	0.1106
MAX	39.9250	2.7800	0.3412	0.5920
AVG	24.1854	1.7048	0.1752	0.1620

City Of Jackson, MS
O. B. Curtis Conventional (TF082)
Turbidity Compliance Based on Finished Water

System ID   **250008-02**
Month Of   **April 2020**

April	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
1	0.1187	0.1181	0.1156	0.1144	0.1425	0.1256
2	0.1244	0.1187	0.1238	0.1419	0.1213	0.1163
3	0.1137	0.1106	0.1075	0.1056	0.1056	0.1094
4	0.1081	0.1088	0.1106	0.1100	0.1100	0.1106
5	0.1119	0.1131	0.1112	0.1125	0.1125	0.1094
6	0.1106	0.1088	0.1150	0.1031	0.1100	0.1169
7	0.1400	0.1425	0.1394	0.1325	0.1325	0.1238
8	0.1206	0.1394	0.1206	0.1381	0.1375	0.1306
9	0.1275	0.1206	0.1137	0.1106	0.1137	0.1125
10	0.1156	0.1187	0.1238	0.1306	0.1456	0.1120
11	0.1425	0.2044	0.1444	0.1444	0.1706	0.1706
12	0.1412	0.1381	0.1344	0.1256	0.1269	0.1281
13	0.1312	0.1306	0.1256	0.1225	OFF	OFF
14	0.1400	0.1494	0.1425	0.1437	0.1425	0.1306
15	0.1362	0.1456	OFF	OFF	OFF	OFF
16	OFF	0.4450	0.5920	0.4410	0.4940	0.4500
17	0.2625	0.2044	0.2725	0.2106	0.2313	0.2319
18	0.2131	0.1956	0.3175	0.2225	0.2144	0.1869
19	0.2175	0.2188	0.2100	0.1763	0.1575	0.1625
20	0.1544	0.1531	OFF	OFF	0.1669	0.1600
21	0.1963	0.1969	0.1550	0.1425	0.1388	0.1500
22	0.1644	0.1637	0.1569	0.1538	0.1513	0.1494
23	0.1506	0.1475	0.1431	0.1319	0.1250	0.1225
24	0.1194	0.1206	0.1206	0.1238	0.1519	0.1269
25	0.1356	0.1444	0.1456	0.1575	0.1737	0.2806
26	0.2231	0.2169	0.2050	0.1525	0.1400	0.1338
27	0.1256	0.1300	OFF	OFF	OFF	OFF
28	0.1980	0.3110	0.2837	0.2119	0.2694	0.2169
29	0.2094	0.2113	0.2013	0.1963	0.1831	0.1600
30	0.1606	0.1612	0.1669	0.1669	0.1656	0.1694
MIN	0.1081	0.1088	0.1075	0.1031	0.1056	0.1094
MAX	0.2625	0.4450	0.5920	0.4410	0.4940	0.4500
AVG	0.1522	0.1663	0.1740	0.1564	0.1642	0.1592

City Of Jackson, MS
O. B. Curtis Conventional (TF082)
Disinfectant Compliance

System ID   **250008-02**
Month Of   **April 2020**

April	TIME					
	12:00 AM	**4:00 AM**	**8:00 AM**	**12:00 PM**	**4:00 PM**	**8:00 PM**
1	2.1	2.0	1.9	2.9	3.1	2.4
2	2.4	2.6	2.5	2.5	2.8	2.9
3	2.4	2.4	2.6	2.7	2.5	2.6
4	2.5	3.3	2.5	3.2	2.8	2.5
5	2.5	2.5	2.6	3.4	2.6	2.5
6	3.2	2.3	3.0	3.3	1.7	1.9
7	2.3	2.7	2.1	2.7	2.1	2.8
8	2.4	2.4	2.3	2.9	2.9	3.2
9	2.5	2.5	3.0	2.8	2.9	2.7
10	2.4	2.5	2.3	2.6	2.9	2.8
11	3.0	3.8	3.7	2.6	2.4	2.5
12	2.9	1.5	0.9	2.1	2.4	2.4
13	2.3	2.8	2.9	3.0	2.6	3.3
14	3.3	2.6	3.5	3.8	2.8	3.5
15	3.4	3.2	3.0	2.7	3.1	2.0
16	2.5	1.7	2.0	2.8	4.0	3.0
17	2.0	2.1	2.8	2.9	2.4	2.5
18	3.2	3.2	2.9	2.7	2.6	2.6
19	3.6	2.8	3.6	2.8	2.6	2.5
20	3.1	2.4	2.5	2.5	2.7	2.4
21	3.2	2.7	2.3	2.5	3.0	3.0
22	2.4	3.1	2.4	3.2	2.6	2.4
23	2.7	2.4	2.5	3.5	3.6	2.6
24	2.7	2.8	2.6	3.5	2.6	2.4
25	2.0	0.9	0.9	0.6	0.8	1.6
26	1.7	2.2	2.4	2.4	3.1	2.4
27	2.5	3.1	OFF	OFF	OFF	OFF
28	1.8	2.0	2.6	2.6	2.7	2.3
29	2.2	2.2	2.8	2.8	2.9	3.2
30	2.5	2.7	2.7	3.2	2.3	1.7
MIN	**1.7**	**0.9**	**0.9**	**0.6**	**0.8**	**1.6**
MAX	**3.6**	**3.8**	**3.7**	**3.8**	**4.0**	**3.5**
AVG	**2.6**	**2.5**	**2.5**	**2.8**	**2.7**	**2.6**

O.B. Curtis Conventional (TF082) Filter Turbidity Compliance Report

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
04/01/20	12:00 AM	0.0400	0.0735	0.0697	0.0515	OFF	0.1013
	4:00 AM	0.0407	0.0723	0.0696	0.0504	OFF	0.1010
	8:00 AM	0.0425	0.0727	0.0708	0.0511	OFF	0.1013
	12:00 PM	0.0443	0.0741	0.0709	0.0521	OFF	0.1024
	4:00 PM	0.0497	0.0900	0.0859	0.0568	OFF	0.1192
	8:00 PM	0.0524	0.0813	0.0862	0.0594	OFF	0.1181
	AVG	0.0449	0.0773	0.0755	0.0536	OFF	0.1072
04/02/20	12:00 AM	0.0534	0.0748	0.0765	0.0541	OFF	0.1071
	4:00 AM	0.0556	0.0723	0.0717	0.0512	OFF	0.1044
	8:00 AM	0.0693	0.0725	0.0946	0.0768	OFF	0.1235
	12:00 PM	0.0354	0.0920	0.0617	0.0495	OFF	0.1366
	4:00 PM	0.0335	0.0630	0.0595	0.0460	OFF	0.0944
	8:00 PM	0.0334	0.0608	0.0601	0.0467	OFF	0.0917
	AVG	0.0467	0.0726	0.0707	0.0540	OFF	0.1096
04/03/20	12:00 AM	0.0333	0.0600	0.0599	0.0465	OFF	0.0917
	4:00 AM	0.0325	0.0592	0.0587	0.0454	OFF	0.0906
	8:00 AM	0.0328	0.0599	0.0588	0.0454	OFF	0.0909
	12:00 PM	0.0333	0.0612	0.0594	0.0462	OFF	0.0943
	4:00 PM	0.0343	0.0619	0.0603	0.0468	OFF	0.0959
	8:00 PM	0.0373	0.0624	0.0608	0.0476	OFF	0.0972
	AVG	0.0339	0.0608	0.0597	0.0463	OFF	0.0935
04/04/20	12:00 AM	0.0394	0.0634	0.0612	0.0477	OFF	0.0947
	4:00 AM	0.0446	0.0638	0.0618	0.0483	OFF	0.0977
	8:00 AM	0.0492	0.0633	0.0611	0.0478	OFF	0.0976
	12:00 PM	0.0556	0.0631	0.0614	0.0482	OFF	0.1007
	4:00 PM	0.0539	0.0636	0.0626	0.0493	OFF	0.0975
	8:00 PM	0.1180	0.1140	0.1190	0.1080	OFF	0.1130
	AVG	0.0601	0.0719	0.0712	0.0582	OFF	0.1002
04/05/20	12:00 AM	0.0664	0.0627	0.0621	0.0491	OFF	0.0976
	4:00 AM	0.0805	0.0627	0.0623	0.0496	OFF	0.0983
	8:00 AM	0.0335	0.0633	0.1114	0.0521	OFF	0.0952
	12:00 PM	0.0342	0.0647	0.0599	0.0508	OFF	0.0961
	4:00 PM	0.0338	0.0663	0.0604	0.0797	OFF	0.0885
	8:00 PM	0.0349	0.0662	0.0612	0.0531	OFF	0.0888
	AVG	0.0472	0.0643	0.0695	0.0557	OFF	0.0941
04/06/20	12:00 AM	0.0348	0.0662	0.0620	0.0494	OFF	0.0886
	4:00 AM	0.0353	0.0671	0.0636	0.0513	OFF	0.0952
	8:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	0.1135	0.0847	0.0730	0.0690	OFF	0.1264
	8:00 PM	0.1734	0.2092	0.0518	0.0417	OFF	0.1228
	AVG	0.1074	0.1068	0.0626	0.0528	OFF	0.1082
04/07/20	12:00 AM	0.1157	0.0756	0.0535	0.0429	OFF	0.1043
	4:00 AM	0.1021	0.0647	0.0571	0.0462	OFF	0.0962
	8:00 AM	0.1486	0.0664	0.0589	0.0480	OFF	0.1031
	12:00 PM	0.0700	0.0682	0.0601	0.0489	OFF	0.1015
	4:00 PM	0.0795	0.0692	0.0616	0.0500	OFF	0.0927
	8:00 PM	0.0912	0.0680	0.0616	0.0498	OFF	0.0926
	AVG	0.1012	0.0687	0.0588	0.0476	OFF	0.0984

O.B. Curtis Conventional (TF082) Filter Turbidity Compliance Report

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
04/08/20	12:00 AM	0.1055	0.0670	0.0613	0.0492	OFF	0.0902
	4:00 AM	0.1144	0.0672	0.0615	0.0496	OFF	0.0929
	8:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	0.1321	0.0692	0.0625	0.0504	OFF	0.1008
	4:00 PM	0.1485	0.0705	0.0645	0.0520	OFF	0.0980
	8:00 PM	0.0460	0.0697	0.0650	0.0522	OFF	0.0934
	AVG	0.1093	0.0687	0.0629	0.0507	OFF	0.0951
04/09/20	12:00 AM	0.0381	0.0700	0.0658	0.0534	OFF	0.0896
	4:00 AM	0.0379	0.0699	0.0620	0.0525	OFF	0.0907
	8:00 AM	0.0377	0.0694	0.0621	0.0526	OFF	0.0893
	12:00 PM	0.0392	0.0716	0.0649	0.0543	OFF	0.0906
	4:00 PM	0.0524	0.0809	0.0790	0.0609	OFF	0.1046
	8:00 PM	0.0432	0.0745	0.0717	0.0587	OFF	0.1007
	AVG	0.0414	0.0727	0.0676	0.0554	OFF	0.0942
04/10/20	12:00 AM	0.0599	0.0832	0.0855	0.0656	OFF	0.1145
	4:00 AM	0.0632	0.0859	0.0886	0.0968	OFF	0.1160
	8:00 AM	0.0690	0.0901	0.0938	0.0823	OFF	0.1792
	12:00 PM	0.0757	0.0975	0.1038	0.0931	OFF	0.1473
	4:00 PM	0.0704	0.1076	0.0968	0.0825	OFF	0.1299
	8:00 PM	0.0702	0.1167	0.0916	0.0788	OFF	0.1250
	AVG	0.0681	0.0968	0.0934	0.0832	OFF	0.1353
04/11/20	12:00 AM	0.0919	0.1108	0.1019	0.0914	OFF	0.1363
	4:00 AM	0.1017	0.1081	0.1029	0.0919	OFF	0.1414
	8:00 AM	0.1027	0.0998	0.0966	0.0851	OFF	0.1385
	12:00 PM	0.1009	0.0945	0.0921	0.0799	OFF	0.1323
	4:00 PM	0.1260	0.0948	0.0930	0.0804	OFF	0.1362
	8:00 PM	OFF	0.1270	0.1310	0.1460	OFF	0.1380
	AVG	0.1047	0.1058	0.1029	0.0958	OFF	0.1371
04/12/20	12:00 AM	0.0683	0.0856	0.0853	0.0717	OFF	0.1169
	4:00 AM	0.0542	0.0806	0.0801	0.0666	OFF	0.1131
	8:00 AM	0.0540	0.0816	0.0804	0.0672	OFF	0.1147
	12:00 PM	0.0568	0.0830	0.0821	0.0688	OFF	0.1229
	4:00 PM	0.0693	0.0934	0.1362	0.0783	OFF	0.1330
	8:00 PM	0.0588	0.0866	0.1181	0.0723	OFF	0.1295
	AVG	0.0602	0.0851	0.0970	0.0708	OFF	0.1217
04/13/20	12:00 AM	0.0538	0.0818	0.0868	0.0683	OFF	0.1078
	4:00 AM	0.0552	0.0815	0.0849	0.0681	OFF	0.1127
	8:00 AM	0.0600	0.0825	0.0862	0.0690	OFF	0.1179
	12:00 PM	0.0629	0.0839	0.0880	0.0701	OFF	0.1155
	4:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.0580	0.0824	0.0865	0.0689	OFF	0.1135
04/14/20	12:00 AM	0.1078	0.0998	0.1137	0.0837	OFF	0.1296
	4:00 AM	0.1060	0.0813	0.1560	0.1352	OFF	0.1062
	8:00 AM	0.1132	0.0761	0.0880	0.0803	OFF	0.1006
	12:00 PM	0.0884	0.0764	0.0755	0.0645	OFF	0.1070
	4:00 PM	0.1115	0.1076	0.0819	0.0712	OFF	0.1142
	8:00 PM	0.1227	0.1113	0.0923	0.0813	OFF	0.1215
	AVG	0.1083	0.0921	0.1012	0.0860	OFF	0.1132
04/15/20	12:00 AM	0.1664	0.0970	0.0960	0.0848	OFF	0.1312
	4:00 AM	0.2259	0.1028	0.1035	0.0924	OFF	0.1440
	8:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.1961	0.0999	0.0997	0.0886	OFF	0.1376

O.B. Curtis Conventional (TF082) Filter Turbidity Compliance Report

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
04/16/20	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 AM	0.2357	0.2499	0.2798	0.2821	OFF	0.1874
	8:00 AM	0.3412	0.1501	0.1575	0.1573	OFF	0.2061
	12:00 PM	0.2231	0.1618	0.1585	0.1694	OFF	0.1683
	4:00 PM	0.1627	0.1388	0.1328	0.1422	OFF	0.1533
	8:00 PM	0.1422	0.1270	0.1192	0.1281	OFF	0.2173
	AVG	0.2210	0.1655	0.1696	0.1758	OFF	0.1865
04/17/20	12:00 AM	0.2149	0.1639	0.2576	0.1754	OFF	0.2325
	4:00 AM	0.2323	0.1771	0.2422	0.1827	OFF	0.1845
	8:00 AM	0.2002	0.1544	0.1796	0.1520	OFF	0.1648
	12:00 PM	0.2045	0.1359	0.1502	0.1320	OFF	0.2083
	4:00 PM	0.2240	0.1662	0.1964	0.1651	OFF	0.1827
	8:00 PM	0.2140	0.1505	0.1744	0.1512	OFF	0.2181
	AVG	0.2631	0.1580	0.2001	0.1597	OFF	0.1985
04/18/20	12:00 AM	0.1878	0.1562	0.1920	0.3054	OFF	0.1480
	4:00 AM	0.2940	0.1198	0.1261	0.2278	OFF	0.2167
	8:00 AM	OFF	0.1361	0.1988	0.3362	OFF	0.3362
	12:00 PM	OFF	0.1280	0.1190	0.2100	OFF	0.1450
	4:00 PM	OFF	0.1300	0.1160	0.2300	OFF	0.1390
	8:00 PM	OFF	0.1599	0.1710	OFF	OFF	OFF
	AVG	0.2409	0.1383	0.1538	0.2619	OFF	0.1970
04/19/20	12:00 AM	0.1296	0.1032	0.1033	0.1294	OFF	0.1308
	4:00 AM	0.1112	0.0994	0.0943	0.1182	OFF	0.1254
	8:00 AM	0.0935	0.0924	0.0823	0.1001	OFF	0.1199
	12:00 PM	0.1052	0.0953	0.0850	0.1077	OFF	0.1398
	4:00 PM	0.1193	0.0960	0.0884	0.1108	OFF	0.1661
	8:00 PM	0.1029	0.0888	0.0772	0.0926	OFF	0.1394
	AVG	0.1103	0.0958	0.0884	0.1098	OFF	0.1369
04/20/20	12:00 AM	0.0872	0.0816	0.0682	0.0763	OFF	0.1268
	4:00 AM	0.0977	0.0845	0.0714	0.0801	OFF	0.1305
	8:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	0.1463	0.0807	0.1251	0.0763	OFF	0.2777
	8:00 PM	0.1259	0.0799	0.1400	0.0714	OFF	0.1529
	AVG	0.1143	0.0817	0.1012	0.0760	OFF	0.1720
04/21/20	12:00 AM	0.0706	OFF	0.0743	0.0726	OFF	0.0895
	4:00 AM	0.0864	OFF	0.0834	0.0777	OFF	0.1041
	8:00 AM	0.0973	OFF	0.0861	0.0789	OFF	0.1081
	12:00 PM	0.0891	OFF	0.0765	0.0818	OFF	0.0971
	4:00 PM	0.1311	OFF	0.1073	0.1613	OFF	0.1310
	8:00 PM	0.1472	OFF	0.1125	0.1300	OFF	0.1421
	AVG	0.1036	OFF	0.0900	0.1004	OFF	0.1120
04/22/20	12:00 AM	0.1290	OFF	0.0757	0.0785	OFF	0.0987
	4:00 AM	0.1700	OFF	0.0723	0.0755	OFF	0.0973
	8:00 AM	0.1685	OFF	0.0651	0.0670	OFF	0.0850
	12:00 PM	0.1782	OFF	0.0587	0.0599	OFF	0.0771
	4:00 PM	0.1842	OFF	0.0593	0.0606	OFF	0.0760
	8:00 PM	0.1734	OFF	0.0619	0.0643	OFF	0.0811
	AVG	0.1672	OFF	0.0655	0.0676	OFF	0.0859
04/23/20	12:00 AM	0.0983	OFF	0.0720	0.0768	OFF	0.1001
	4:00 AM	0.0663	OFF	0.0671	0.0698	OFF	0.0883
	8:00 AM	0.0587	OFF	0.0636	0.0657	OFF	0.0829
	12:00 PM	0.0520	OFF	0.0596	0.0614	OFF	0.0761
	4:00 PM	0.0506	OFF	0.0592	0.0605	OFF	0.0721
	8:00 PM	0.0509	OFF	0.0569	0.0578	OFF	0.0672
	AVG	0.0628	OFF	0.0631	0.0653	OFF	0.0812

O.B. Curtis Conventional (TF082) Filter Turbidity Compliance Report

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
04/24/20	12:00 AM	0.0604	OFF	0.0587	0.0599	OFF	0.0712
	4:00 AM	0.0755	OFF	0.0606	0.0612	OFF	0.0763
	8:00 AM	0.0908	OFF	0.0620	0.0635	OFF	0.0785
	12:00 PM	0.0791	OFF	0.0599	0.0610	OFF	0.0736
	4:00 PM	0.1099	OFF	0.0609	0.0612	OFF	0.0733
	8:00 PM	0.0926	OFF	0.0616	0.0615	OFF	0.0916
	AVG	0.0847	OFF	0.0606	0.0614	OFF	0.0774
04/25/20	12:00 AM	0.1405	OFF	0.1677	0.0617	OFF	0.0780
	4:00 AM	0.2135	OFF	0.0798	0.0981	OFF	0.0816
	8:00 AM	0.1624	OFF	0.0776	0.0892	OFF	0.0832
	12:00 PM	0.2235	OFF	0.1794	0.1980	OFF	0.1953
	4:00 PM	0.3313	OFF	0.2070	0.2187	OFF	0.2383
	8:00 PM	OFF	OFF	0.2099	0.2199	OFF	0.2500
	AVG	0.2142	OFF	0.1536	0.1476	OFF	0.1544
04/26/20	12:00 AM	0.0885	OFF	0.0840	0.0881	OFF	0.0962
	4:00 AM	0.0789	OFF	0.0797	0.0841	OFF	0.0929
	8:00 AM	0.0587	OFF	0.0646	0.0682	OFF	0.0761
	12:00 PM	0.0538	OFF	0.0613	0.0650	OFF	0.0723
	4:00 PM	0.0578	OFF	0.0641	0.0680	OFF	0.0756
	8:00 PM	0.0674	OFF	0.0688	0.0732	OFF	0.0822
	AVG	0.0675	OFF	0.0704	0.0744	OFF	0.0826
04/27/20	12:00 AM	0.0676	OFF	0.0667	0.0709	OFF	0.0802
	4:00 AM	0.0762	OFF	0.0679	0.0725	OFF	0.0802
	8:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.0719	OFF	0.0673	0.0717	OFF	0.0802
04/28/20	12:00 AM	0.1183	OFF	0.0888	0.1115	OFF	OFF
	4:00 AM	0.1806	OFF	0.1257	0.1610	OFF	0.1895
	8:00 AM	0.2560	OFF	0.1665	0.2162	OFF	0.2949
	12:00 PM	0.1795	OFF	0.1219	0.1505	OFF	0.1956
	4:00 PM	0.1936	OFF	0.1136	0.1391	OFF	0.1818
	8:00 PM	0.2030	OFF	0.1130	0.1375	OFF	0.1710
	AVG	0.1885	OFF	0.1216	0.1526	OFF	0.2066
04/29/20	12:00 AM	0.1911	OFF	0.0942	0.1114	OFF	0.1360
	4:00 AM	0.1896	OFF	0.0979	0.1146	OFF	0.1335
	8:00 AM	0.1355	OFF	0.0764	0.0852	OFF	0.0934
	12:00 PM	0.1764	OFF	0.0871	0.0961	OFF	0.1058
	4:00 PM	0.1333	OFF	0.0864	0.0977	OFF	0.1109
	8:00 PM	OFF	OFF	0.1326	0.0921	OFF	0.1109
	AVG	0.1652	OFF	0.0958	0.0995	OFF	0.1151
04/30/20	12:00 AM	0.0938	OFF	0.1222	0.1492	OFF	0.1029
	4:00 AM	0.1118	OFF	0.0897	0.1043	OFF	0.1008
	8:00 AM	0.1048	OFF	0.0999	0.1139	OFF	0.2427
	12:00 PM	0.1070	OFF	0.1051	0.1187	OFF	0.1485
	4:00 PM	0.0980	OFF	0.0899	0.1013	OFF	0.1193
	8:00 PM	0.2387	OFF	0.1800	0.2053	OFF	0.2409
	AVG	0.1257	OFF	0.1145	0.1321	OFF	0.1592

OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02   **Month Of** April 2020   **Total Off-Specification Volume (MG) =** 0

Date	UV Reactor #1					UV Reactor #2					UV Reactor #3				
	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate (MGD)	Min UVT (%)	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate (MGD)	Min UVT (%)	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate (MGD)	Min UVT (%)
4/1/2020	21.0	2030052	39	2.0	85	24.0	1430126	20	1.4	85	21.0	1864462	379	1.9	89
4/2/2020	23.4	2311276	41	2.3	85	24.0	1578516	20	1.6	85	23.4	2144128	108	2.1	89
4/3/2020	24.0	2338477	43	2.3	85	24.0	1848317	20	1.8	85	24.0	2147118	41	2.1	89
4/4/2020	24.0	2252643	44	2.3	85	24.0	1842292	20	1.8	85	24.0	2063132	43	2.1	89
4/5/2020	22.8	1912795	48	1.9	85	24.0	1799393	20	1.8	85	22.8	1796159	170	1.8	89
4/6/2020	17.2	1932809	37	1.9	85	24.0	1088869	20	1.1	85	17.2	1776898	565	1.8	89
4/7/2020	24.0	2236288	43	2.2	85	24.0	2220126	20	2.2	85	24.0	2046845	43	2.0	89
4/8/2020	22.1	2071963	42	2.1	85	24.0	2079597	20	2.1	85	22.9	1975062	222	2.0	89
4/9/2020	24.0	2198395	43	2.2	85	24.0	2025928	20	2.0	85	22.5	1923853	221	1.9	89
4/10/2020	24.0	2231405	40	2.2	85	24.0	1843890	20	1.8	85	24.0	2044639	40	2.0	89
4/11/2020	22.1	2044196	37	2.0	85	24.0	1978476	20	2.0	85	24.0	2075263	39	2.1	89
4/12/2020	24.0	2210011	41	2.2	85	24.0	1961386	20	2.0	85	23.5	1980854	96	2.0	89
4/13/2020	20.5	1866204	36	1.9	85	24.0	1617492	20	1.6	85	20.6	1712334	502	1.7	89
4/14/2020	24.0	2137766	42	2.1	85	24.0	1971127	20	2.0	85	23.6	1925809	87	1.9	89
4/15/2020	8.3	702907	17	0.7	85	24.0	978682	20	1.0	85	8.3	700474	2051	0.7	89
4/16/2020	14.5	1588293	25	1.6	85	24.0	2159251	20	2.2	85	20.7	1563910	433	1.6	89
4/17/2020	24.0	2204609	36	2.2	85	24.0	1721514	20	1.7	85	22.6	1912924	160	1.9	89
4/18/2020	7.5	686817	15	0.7	85	24.0	1605946	20	1.6	85	24.0	2598586	32	2.6	89
4/19/2020	24.0	2085527	41	2.1	85	24.0	1554454	20	1.6	85	24.0	1907624	40	1.9	89
4/20/2020	23.6	2194953	52	2.2	85	24.0	1084997	20	1.1	85	23.5	2050147	84	2.1	89
4/21/2020	24.0	2505881	36	2.5	85						24.0	2424152	35	2.4	89
4/22/2020	21.8	2289993	34	2.3	85						24.0	2392820	35	2.4	89
4/23/2020	24.0	2250398	40	2.3	85						24.0	2061706	39	2.1	89
4/24/2020	24.0	2405998	38	2.4	85						24.0	2212967	37	2.2	89
4/25/2020	17.6	1859049	29	1.9	85		OFFLINE				21.0	2090319	417	2.1	89
4/26/2020	24.0	2523035	35	2.5	85						24.0	2329923	34	2.3	89
4/27/2020	12.2	1337841	20	1.3	85						14.0	1490597	1385	1.5	89
4/28/2020	24.0	2554032	33	2.6	85						24.0	2352085	32	2.4	89
4/29/2020	21.0	2149995	31	2.1	85						23.4	2234681	33	2.2	89
4/30/2020	24.0	2410572	35	2.4	85						21.8	2017421	305	2.0	89

OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02   **Month Of** April 2020   **Total Off-Specification Volume (MG) =** 0

Date	UV Reactor #4					UV Reactor #5					UV Reactor #6				
	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate (MGD)	Min UVT (%)	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate (MGD)	Min UVT (%)	Run Time (Hrs)	Total Production (Gals)	Calculated Min Dose (mJ/cm2)	Min Flow Rate (MGD)	Min UVT (%)
4/1/2020	21.0	2041769	39	2.0	95						20.9	2043321	46	2.0	85
4/2/2020	23.4	2361863	45	2.4	95						23.3	2318907	50	2.3	85
4/3/2020	24.0	2382474	47	2.4	95						24.0	2353272	51	2.4	85
4/4/2020	24.0	2294128	48	2.3	95						24.0	2268381	53	2.3	85
4/5/2020	23.4	1996425	52	2.0	95						24.0	2043022	59	2.0	85
4/6/2020	17.2	1971995	41	2.0	95						17.2	1946207	44	1.9	85
4/7/2020	24.0	2279193	48	2.3	95						21.4	2044423	70	2.0	85
4/8/2020	23.8	2282739	43	2.3	95						23.8	2257100	54	2.3	85
4/9/2020	24.0	2243074	36	2.2	95						24.0	2216947	52	2.2	85
4/10/2020	22.2	2099508	33	2.1	95						23.0	2152491	59	2.2	85
4/11/2020	24.0	2300991	34	2.3	95						24.0	2275391	48	2.3	85
4/12/2020	24.0	2254955	35	2.3	95						24.0	2230646	49	2.2	85
4/13/2020	20.6	1903404	31	1.9	95						20.6	1879880	44	1.9	85
4/14/2020	23.7	2143128	36	2.1	95						21.5	1774018	77	1.8	85
4/15/2020	8.2	717087	13	0.7	95			OFFLINE			9.2	758087	23	0.8	85
4/16/2020	20.6	1958807	29	2.0	95						11.4	1835688	37	1.8	85
4/17/2020	24.0	2249500	33	2.2	95						24.0	2219955	45	2.2	85
4/18/2020	23.4	2554167	31	2.6	95						22.9	2546161	52	2.5	85
4/19/2020	24.0	2129235	35	2.1	95						24.0	2100010	49	2.1	85
4/20/2020	24.0	2327331	35	2.3	95						23.5	2233544	48	2.2	85
4/21/2020	22.4	2447642	30	2.4	95						24.0	2643598	43	2.6	85
4/22/2020	24.0	2637691	32	2.6	95						24.0	2609331	44	2.6	85
4/23/2020	24.0	2289523	35	2.3	95						24.0	2260878	49	2.3	85
4/24/2020	24.0	2449571	33	2.4	95						22.2	2237697	56	2.2	85
4/25/2020	19.9	2202644	26	2.2	95						21.4	2312170	41	2.3	85
4/26/2020	24.0	2569592	31	2.6	95						24.0	2545398	43	2.5	85
4/27/2020	13.8	1623982	17	1.6	95						12.2	1401581	22	1.4	85
4/28/2020	24.0	2597437	29	2.6	95						24.0	2568799	40	2.6	85
4/29/2020	23.4	2473445	30	2.5	95						23.4	2445568	41	2.4	85
4/30/2020	22.4	2311386	29	2.3	95						23.1	2321207	42	2.3	85

CITY OF JACKSON
O. B. Curtis Membrane (TF083)
Weekly Report For HS# 2 Based on Finished Water

System ID   **250008-02**
Month Of   **April 2020**

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

2. Percentage of turbidity that were equal to or less than the turbidity limit of 0.3 NTU. | 99.1% |

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	2.7	7	2.6	13	1.1	19	3.5	25	0.6
2	2.4	8	2.6	14	3.2	20	3.2	26	2.9
3	2.2	9	1.3	15	2.1	21	3.5	27	2.9
4	2.2	10	2.1	16	0.9	22	3.4	28	2.9
5	2.4	11	2.6	17	0.2	23	3.4	29	2.6
6	2.5	12	1.1	18	2.9	24	2.7	30	2.1
								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. | 135 |

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 |

10. Date of last calibration for online monitoring equipment. | 5/1/2020 |

City Of Jackson, MS
O. B. Curtis Membrane (TF083)
Turbidity Compliance Report Based on Finished Water

System ID   **250008-02**
Month Of   **April 2020**

April	TURBIDITIES (NTU)		
	RAW	TRAINS	FINISHED
1	14.4187	0.1415	0.1415
2	14.4125	0.1480	0.1840
3	15.0500	0.1353	0.1353
4	16.7563	0.1182	0.1182
5	15.6000	0.1290	0.1950
6	19.6000	0.1440	0.0594
7	23.0000	0.1494	0.1066
8	22.4000	0.1685	0.0753
9	21.2000	0.1370	0.0750
10	22.7000	0.1430	0.0637
11	23.1000	0.1870	0.0541
12	26.0625	0.1420	0.0544
13	21.2000	0.1380	0.0538
14	20.6313	0.1640	0.0556
15	16.1000	0.1130	0.0556
16	29.0375	0.1476	0.0647
17	15.6250	0.1433	0.0816
18	19.7437	0.1404	0.1044
19	18.3062	0.1480	0.0856
20	22.4750	0.1462	0.0641
21	22.5812	0.1523	0.0538
22	29.1875	0.1535	0.0544
23	32.9188	0.1507	0.0538
24	33.8312	0.1460	0.0628
25	32.5099	0.1497	0.0653
26	34.5312	0.1468	0.0641
27	32.8900	0.1458	0.0647
28	39.9250	0.1413	0.0769
29	37.8125	0.1414	0.0678
30	31.9562	0.1501	0.0563
MIN	14.4125	0.1130	0.0538
MAX	39.9250	0.1870	0.1950
AVG	24.1854	0.1454	0.0816

City Of Jackson, MS
O. B. Curtis Membrane (TF083)
Turbidity Compliance Based on Finished Water

System ID   **250008-02**
Month Of   **April 2020**

April	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
1	0.0608	0.0595	0.1415	0.1187	0.0872	0.0705
2	0.0980	0.1260	0.0871	0.1480	0.1094	0.1840
3	0.1258	0.1224	0.1289	0.1353	0.1099	0.0824
4	0.0875	0.0915	0.0922	0.0945	0.1056	0.1182
5	0.1950	0.1544	0.0606	0.1941	0.1006	0.0481
6	0.0509	0.0472	0.0513	0.0525	0.0594	0.0534
7	0.0594	0.0612	0.0709	0.1066	0.0841	0.0675
8	0.0744	0.0753	0.0706	0.0700	0.0738	0.0712
9	0.0669	0.0594	0.0612	0.0750	0.0719	0.0681
10	0.0637	0.0563	0.0534	0.0522	0.0513	0.0519
11	0.0513	0.0509	0.0500	0.0500	0.0519	0.0541
12	0.0544	0.0544	0.0538	0.0525	0.0531	0.0534
13	0.0538	0.0528	0.0519	0.0506	OFF	OFF
14	0.0509	0.0506	0.0513	0.0531	0.0547	0.0556
15	0.0556	0.0550	OFF	OFF	OFF	OFF
16	OFF	0.0559	0.0572	0.0581	0.0600	0.0647
17	0.0688	0.0684	0.0684	0.0816	0.0731	0.0763
18	0.0753	0.0684	0.0597	0.0616	0.1044	0.0525
19	0.0450	0.0650	0.0656	0.0856	0.0722	0.0594
20	0.0506	0.0481	OFF	OFF	0.0641	0.0612
21	0.0538	0.0463	0.0447	0.0444	0.0419	0.0431
22	0.0434	0.0478	0.0528	0.0544	0.0541	0.0522
23	0.0513	0.0494	0.0506	0.0519	0.0519	0.0538
24	0.0547	0.0556	0.0563	0.0584	0.0619	0.0628
25	0.0653	0.0653	0.0650	0.0653	0.0650	0.0644
26	0.0641	0.0641	0.0637	0.0631	0.0625	0.0637
27	0.0641	0.0647	OFF	OFF	OFF	OFF
28	0.0666	0.0731	0.0769	0.0725	0.0688	0.0706
29	0.0672	0.0641	0.0662	0.0678	0.0653	0.0584
30	0.0553	0.0534	0.0541	0.0544	0.0516	0.0563
MIN	**0.0434**	**0.0463**	**0.0447**	**0.0444**	**0.0419**	**0.0431**
MAX	**0.1950**	**0.1544**	**0.1415**	**0.1941**	**0.1099**	**0.1840**
AVG	**0.0681**	**0.0669**	**0.0669**	**0.0767**	**0.0707**	**0.0673**

City Of Jackson, MS
O. B. Curtis Membrane (TF083)
Disinfectant Compliance

System ID   **250008-02**
Month Of   **April 2020**

April	TIME					
	12:00 AM	**4:00 AM**	**8:00 AM**	**12:00 PM**	**4:00 PM**	**8:00 PM**
1	2.7	2.7	2.7	3.8	3.3	2.8
2	2.4	2.9	2.9	2.7	3.0	2.7
3	2.3	2.3	2.4	2.7	2.7	2.2
4	2.2	2.4	2.8	3.1	2.9	2.5
5	2.4	2.4	2.5	2.6	2.5	2.4
6	2.5	2.6	3.1	3.6	3.1	2.6
7	2.6	2.6	2.8	3.3	2.9	2.8
8	2.6	2.7	2.8	2.8	2.9	2.6
9	2.5	2.6	1.3	2.8	2.5	2.4
10	2.4	2.6	2.9	2.8	2.2	2.1
11	2.6	2.7	3.4	3.9	3.8	2.9
12	3.2	2.8	1.8	1.5	1.1	1.1
13	1.1	1.8	2.4	3.3	3.4	3.5
14	3.4	3.2	4.0	3.7	3.4	3.4
15	3.4	3.1	3.1	3.3	2.7	2.1
16	2.2	2.1	2.2	2.3	2.5	0.9
17	0.2	1.2	1.1	1.6	3.0	3.0
18	3.0	2.9	3.1	3.5	4.0	3.9
19	3.7	3.9	4.3	4.1	3.9	3.5
20	3.2	3.2	3.5	4.0	4.0	4.0
21	3.7	3.7	3.8	4.3	4.6	3.5
22	3.4	3.5	3.6	4.3	5.0	4.2
23	3.9	4.0	4.3	4.9	4.0	3.4
24	3.6	3.8	3.9	4.0	4.0	2.7
25	2.3	1.6	0.8	0.6	0.9	2.1
26	2.9	3.1	3.0	3.7	3.3	2.9
27	2.9	3.0	OFF	OFF	OFF	OFF
28	3.1	3.0	3.0	2.9	2.9	3.0
29	2.7	2.6	2.8	3.1	3.4	3.4
30	2.2	2.1	2.5	2.3	2.3	2.4
MIN	**0.2**	**1.2**	**0.8**	**0.6**	**0.9**	**0.9**
MAX	**3.9**	**4.0**	**4.3**	**4.9**	**5.0**	**4.2**
AVG	**2.7**	**2.8**	**2.8**	**3.1**	**3.1**	**2.8**

O.B. Curtis Membrane (TF083) Train Turbidity Compliance Report

Date	Hour	TRAINS (NTU)					
		#1	**#2**	**#3**	**#4**	**#5**	**#6**
4/1/2020	12:00 AM	0.0172	0.0596	0.0608	0.0172	OFF	0.0189
	04:00 AM	0.0156	0.0575	0.0595	0.0222	OFF	0.0409
	08:00 AM	0.0151	0.0590	0.1415	0.0453	OFF	0.0151
	12:00 PM	0.0183	0.0709	0.1187	0.0512	OFF	0.0188
	04:00 PM	0.0185	0.0682	0.0872	0.0455	OFF	0.0145
	08:00 PM	0.0261	0.0207	0.0705	0.0460	OFF	0.0245
	AVG	0.0185	0.0563	0.0899	0.0380	OFF	0.0222
4/2/2020	12:00 AM	0.0196	0.0199	0.0980	0.0475	OFF	0.0883
	04:00 AM	0.0142	0.0195	0.1260	0.0490	OFF	0.0471
	08:00 AM	0.0183	0.0203	0.0871	0.0520	OFF	0.0328
	12:00 PM	0.0111	0.0407	0.1480	0.0546	OFF	0.0790
	04:00 PM	0.0074	0.0192	0.0700	0.0573	OFF	0.1094
	08:00 PM	0.0080	0.0200	OFF	0.0617	OFF	0.1085
	AVG	0.0131	0.0235	0.1058	0.0537	OFF	0.0775
4/3/2020	12:00 AM	0.0084	0.0255	0.1258	0.0655	OFF	0.1134
	04:00 AM	0.0129	OFF	OFF	0.0688	OFF	0.1224
	08:00 AM	0.0005	0.0195	0.0645	0.0718	OFF	0.1289
	12:00 PM	0.0006	0.0606	0.0822	0.0749	OFF	0.1353
	04:00 PM	0.0006	0.0213	OFF	0.0783	OFF	0.1099
	08:00 PM	0.0018	0.0189	OFF	0.0824	OFF	0.0496
	AVG	0.0069	0.0280	0.1393	0.0735	OFF	0.1100
4/4/2020	12:00 AM	0.0006	0.0194	OFF	0.0864	OFF	0.0875
	04:00 AM	0.0005	0.0193	OFF	0.0900	OFF	0.0915
	08:00 AM	0.0005	0.0200	0.0750	0.0922	OFF	0.0916
	12:00 PM	0.0009	0.0222	0.0850	0.0945	OFF	0.0927
	04:00 PM	0.0006	0.0455	OFF	0.0972	OFF	0.1056
	08:00 PM	0.0006	0.0193	OFF	0.0998	OFF	0.1182
	AVG	0.0006	0.0243	0.0800	0.0934	OFF	0.0979
4/5/2020	12:00 AM	0.1280	0.0196	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.0190	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0193	OFF	OFF	OFF	OFF
	12:00 PM	0.1290	OFF	OFF	0.1081	OFF	OFF
	04:00 PM	0.0870	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.1156	OFF	OFF
	AVG	0.1147	0.0193	OFF	0.1119	OFF	OFF
4/6/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1228	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	0.1400	OFF	0.1360	0.1303	OFF	OFF
	08:00 PM	0.1320	OFF	0.1440	0.1341	OFF	OFF
	AVG	0.1360	OFF	0.1400	0.1291	OFF	OFF
4/7/2020	12:00 AM	0.1270	OFF	0.0500	0.1371	OFF	OFF
	04:00 AM	0.1220	OFF	OFF	0.1405	OFF	OFF
	08:00 AM	0.1180	OFF	OFF	OFF	OFF	OFF
	12:00 PM	0.0930	OFF	0.1300	0.1444	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.1494	OFF	OFF
	08:00 PM	OFF	OFF	0.1299	0.1260	OFF	OFF
	AVG	0.1150	OFF	0.1033	0.1395	OFF	OFF

O.B. Curtis Membrane (TF083) Train Turbidity Compliance Report

Date	Hour	TRAINS (NTU)					
		#1	#2	#3	#4	#5	#6
4/8/2020	12:00 AM	0.1380	OFF	OFF	OFF	OFF	OFF
	04:00 AM	0.1330	OFF	0.1685	0.1440	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	0.1070	OFF	OFF	0.0940	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.1380	OFF	OFF
	08:00 PM	OFF	0.1270	OFF	OFF	OFF	0.0836
	AVG	0.1260	0.1270	0.1685	0.1253	OFF	0.0836
4/9/2020	12:00 AM	0.1320	OFF	OFF	OFF	OFF	0.0743
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0696
	08:00 AM	0.1310	0.1370	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1050	OFF	0.0920	OFF	OFF
	04:00 PM	0.1140	OFF	0.0670	0.0750	OFF	0.0694
	08:00 PM	0.1000	0.1090	OFF	OFF	OFF	0.0723
	AVG	0.1193	0.1170	0.0670	0.0835	OFF	0.0701
4/10/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	0.1280	0.1430	0.0199	0.0709	OFF	OFF
	12:00 PM	0.1200	0.1320	0.0099	0.0639	OFF	OFF
	04:00 PM	0.1170	0.1270	0.0599	OFF	OFF	0.0344
	08:00 PM	0.1280	0.1340	0.1290	OFF	OFF	0.0368
	AVG	0.1233	0.1340	0.0547	0.0674	OFF	0.0356
4/11/2020	12:00 AM	OFF	0.1260	0.1420	OFF	OFF	OFF
	04:00 AM	OFF	0.1180	0.1870	OFF	OFF	OFF
	08:00 AM	OFF	0.0610	0.0570	OFF	OFF	OFF
	12:00 PM	0.0630	0.0700	OFF	OFF	OFF	OFF
	04:00 PM	0.0680	OFF	0.0590	OFF	OFF	OFF
	08:00 PM	0.1240	OFF	0.0930	OFF	OFF	OFF
	AVG	0.0850	0.0938	0.1076	OFF	OFF	OFF
4/12/2020	12:00 AM	0.1330	OFF	OFF	0.0929	OFF	OFF
	04:00 AM	0.1270	OFF	0.1120	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.1270	OFF	OFF	OFF
	12:00 PM	0.0950	OFF	OFF	0.0931	OFF	OFF
	04:00 PM	0.0650	0.0950	OFF	OFF	OFF	OFF
	08:00 PM	0.0690	0.1070	0.1420	0.0914	OFF	OFF
	AVG	0.0978	0.1010	0.1270	0.0925	OFF	OFF
4/13/2020	12:00 AM	OFF	0.1110	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.1070	OFF	OFF	OFF	OFF
	08:00 AM	0.1380	0.1220	OFF	0.0995	OFF	OFF
	12:00 PM	0.1250	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.1315	0.1133	OFF	0.0995	OFF	OFF
4/14/2020	12:00 AM	OFF	0.1130	OFF	OFF	OFF	OFF
	04:00 AM	0.1220	0.1150	OFF	0.0854	OFF	OFF
	08:00 AM	0.1340	OFF	0.1480	0.0845	OFF	OFF
	12:00 PM	0.1170	OFF	OFF	0.0851	OFF	OFF
	04:00 PM	0.1300	0.1640	OFF	OFF	OFF	OFF
	08:00 PM	0.1450	0.1420	0.1440	0.1138	OFF	OFF
	AVG	0.1296	0.1335	0.1460	0.0922	OFF	OFF
4/15/2020	12:00 AM	OFF	OFF	0.0157	0.1130	OFF	OFF
	04:00 AM	OFF	OFF	0.0178	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	0.0168	0.1130	OFF	OFF

O.B. Curtis Membrane (TF083) Train Turbidity Compliance Report

Date	Hour	TRAINS (NTU)					
		#1	#2	#3	#4	#5	#6
4/16/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	0.1020	OFF	0.0159	0.1450	OFF	OFF
	04:00 PM	0.0720	0.1410	OFF	0.1476	OFF	OFF
	08:00 PM	OFF	0.1350	OFF	0.1416	OFF	OFF
	AVG	0.0870	0.1380	0.0159	0.1447	OFF	OFF
4/17/2020	12:00 AM	0.1240	0.1310	0.0149	0.1384	OFF	OFF
	04:00 AM	OFF	0.1250	0.0151	OFF	OFF	OFF
	08:00 AM	0.1110	OFF	0.0186	0.1347	OFF	OFF
	12:00 PM	0.1080	OFF	0.0155	0.1390	OFF	OFF
	04:00 PM	0.0790	0.0790	0.0152	0.1433	OFF	0.1194
	08:00 PM	0.1280	OFF	0.0155	0.1429	OFF	OFF
	AVG	0.1100	0.1117	0.0158	0.1397	OFF	0.1194
4/18/2020	12:00 AM	0.1170	0.1250	OFF	OFF	OFF	0.1286
	04:00 AM	OFF	0.1220	0.0163	0.1404	OFF	0.1305
	08:00 AM	0.0610	OFF	0.0164	0.1375	OFF	OFF
	12:00 PM	0.0510	0.0550	0.0164	0.1360	OFF	OFF
	04:00 PM	0.0560	0.0570	0.0170	0.1379	OFF	OFF
	08:00 PM	0.1190	0.1240	OFF	OFF	OFF	OFF
	AVG	0.0808	0.0966	0.0165	0.1380	OFF	0.1296
4/19/2020	12:00 AM	0.1140	0.1300	OFF	0.1373	OFF	0.1384
	04:00 AM	0.1120	0.1480	0.0279	OFF	OFF	OFF
	08:00 AM	0.0590	0.0790	OFF	OFF	OFF	0.1362
	12:00 PM	0.0620	0.0950	0.0336	OFF	OFF	0.1357
	04:00 PM	0.0800	OFF	0.0372	0.1456	OFF	OFF
	08:00 PM	0.1200	0.1050	0.0417	0.1456	OFF	OFF
	AVG	0.0912	0.1114	0.0351	0.1428	OFF	0.1368
4/20/2020	12:00 AM	0.1190	0.0970	OFF	0.1460	OFF	OFF
	04:00 AM	0.1250	0.1160	0.0500	0.1462	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	0.0930	0.1430	OFF	OFF	OFF	OFF
	08:00 PM	0.1160	0.1280	0.0749	OFF	OFF	OFF
	AVG	0.1133	0.1210	0.0625	0.1461	OFF	OFF
4/21/2020	12:00 AM	0.1390	0.1160	0.0890	0.1463	OFF	OFF
	04:00 AM	OFF	0.1220	0.1002	OFF	OFF	OFF
	08:00 AM	0.1360	OFF	OFF	0.1456	OFF	OFF
	12:00 PM	0.1030	0.1260	0.1164	0.1465	OFF	OFF
	04:00 PM	OFF	0.1420	0.1269	0.1494	OFF	OFF
	08:00 PM	OFF	0.1350	OFF	0.1523	OFF	OFF
	AVG	0.1260	0.1282	0.1081	0.1480	OFF	OFF
4/22/2020	12:00 AM	0.1240	0.1310	0.1170	0.1535	OFF	OFF
	04:00 AM	OFF	0.1270	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.1270	0.1310	OFF	OFF
	12:00 PM	OFF	0.1460	OFF	0.1220	OFF	OFF
	04:00 PM	OFF	0.1230	OFF	0.1380	OFF	OFF
	08:00 PM	OFF	0.1360	0.1390	OFF	OFF	OFF
	AVG	0.1240	0.1326	0.1277	0.1361	OFF	OFF
4/23/2020	12:00 AM	OFF	OFF	0.1420	OFF	OFF	0.1507
	04:00 AM	OFF	OFF	0.1440	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.1120	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.1170	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0730	0.1333	OFF	OFF
	08:00 PM	OFF	OFF	0.0810	0.1277	OFF	0.1479
	AVG	OFF	OFF	0.1115	0.1305	OFF	0.1493

O.B. Curtis Membrane (TF083) Train Turbidity Compliance Report

Date	Hour	TRAINS (NTU)					
		#1	#2	#3	#4	#5	#6
4/24/2020	12:00 AM	0.1290	OFF	0.1380	OFF	OFF	0.1453
	04:00 AM	0.1320	OFF	OFF	OFF	OFF	OFF
	08:00 AM	0.1320	OFF	0.1460	OFF	OFF	OFF
	12:00 PM	0.0156	OFF	OFF	0.1303	OFF	OFF
	04:00 PM	0.0268	OFF	0.0212	0.1343	OFF	OFF
	08:00 PM	0.0194	OFF	0.0253	0.1373	OFF	0.0177
	AVG	0.0758	OFF	0.0826	0.1340	OFF	0.0815
4/25/2020	12:00 AM	0.0134	OFF	0.0217	0.1404	OFF	OFF
	04:00 AM	0.0148	OFF	0.0225	OFF	OFF	OFF
	08:00 AM	0.0199	OFF	OFF	0.1448	OFF	0.0431
	12:00 PM	0.0158	OFF	0.0255	0.1469	OFF	0.0371
	04:00 PM	0.0135	OFF	0.0274	0.1486	OFF	OFF
	08:00 PM	0.0196	OFF	OFF	0.1497	OFF	OFF
	AVG	0.0163	OFF	0.0243	0.1461	OFF	0.0401
4/26/2020	12:00 AM	0.0246	OFF	0.0395	OFF	OFF	0.0542
	04:00 AM	OFF	OFF	0.0418	OFF	OFF	0.0573
	08:00 AM	0.0140	OFF	0.0439	OFF	OFF	0.0589
	12:00 PM	0.0149	OFF	0.0458	0.1468	OFF	0.0604
	04:00 PM	OFF	OFF	0.0490	0.1468	OFF	0.0621
	08:00 PM	0.0137	OFF	OFF	0.1466	OFF	OFF
	AVG	0.0168	OFF	0.0440	0.1467	OFF	0.0586
4/27/2020	12:00 AM	OFF	0.1250	OFF	0.1458	OFF	OFF
	04:00 AM	0.0140	0.1110	OFF	OFF	OFF	0.0671
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.0140	0.1180	OFF	0.1458	OFF	0.0671
4/28/2020	12:00 AM	OFF	OFF	0.0709	OFF	OFF	0.0809
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0827
	08:00 AM	OFF	0.0419	0.1311	OFF	OFF	OFF
	12:00 PM	0.1123	OFF	OFF	OFF	OFF	0.0318
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	0.1413	0.0244	OFF	OFF	OFF	0.0178
	AVG	0.1268	0.0332	0.1010	OFF	OFF	0.0533
4/29/2020	12:00 AM	OFF	0.0338	0.0345	OFF	OFF	0.0263
	04:00 AM	0.1024	0.0271	OFF	OFF	OFF	0.0988
	08:00 AM	OFF	OFF	OFF	OFF	OFF	0.0440
	12:00 PM	OFF	0.0396	0.0267	OFF	OFF	0.1368
	04:00 PM	0.1370	OFF	0.0274	OFF	OFF	OFF
	08:00 PM	0.1283	OFF	0.0278	0.1414	OFF	0.1280
	AVG	0.1226	0.0335	0.0291	0.1414	OFF	0.1019
4/30/2020	12:00 AM	0.0688	OFF	0.0292	0.1432	OFF	0.0721
	04:00 AM	0.1390	OFF	0.0283	OFF	OFF	OFF
	08:00 AM	0.0965	OFF	0.0298	0.1442	OFF	0.0864
	12:00 PM	OFF	OFF	OFF	OFF	OFF	0.0754
	04:00 PM	OFF	OFF	0.0354	0.1471	OFF	OFF
	08:00 PM	OFF	OFF	0.0351	0.1501	OFF	0.0857
	AVG	0.1014	OFF	0.0316	0.1462	OFF	0.0799

O.B. Curtis Membrane (TF083) Trains Daily MIT Results

Date Time	Train 1 LRV	Date Time	Train 2 LRV	Date Time	Train 3 LRV	Date Time	Train 4 LRV
4/1/20 10:40 AM	4.1	4/1/20 3:15 PM	4.1	4/1/20 12:05 AM	5.2	4/1/20 1:30 AM	4.5
4/2/20 10:35 AM	4.2	4/2/20 12:30 PM	4.1	4/2/20 3:40 AM	5.2	4/2/20 5:00 AM	4.6
4/3/20 4:55 PM	4.2	4/3/20 12:30 PM	4.2	4/6/20 1:00 PM	5.0	4/3/20 1:40 AM	4.5
4/4/20 1:35 PM	4.2	4/4/20 12:30 PM	4.3	4/7/20 2:25 AM	5.0	4/4/20 8:15 AM	4.5
4/5/20 7:20 PM	4.1	4/5/20 12:30 PM	4.2	4/8/20 12:05 AM	5.0	4/5/20 8:40 AM	4.5
4/6/20 11:55 AM	4.0	4/6/20 1:20 PM	4.2	4/9/20 1:45 PM	5.0	4/6/20 5:30 AM	4.6
4/7/20 10:45 AM	4.1	4/8/20 5:55 AM	5.0	4/10/20 12:15 AM	4.9	4/7/20 2:15 AM	4.6
4/8/20 10:30 AM	4.2	4/9/20 12:30 PM	4.4	4/11/20 12:15 AM	4.8	4/8/20 1:35 AM	4.6
4/9/20 10:40 AM	4.2	4/10/20 12:35 PM	4.2	4/12/20 12:10 AM	4.9	4/9/20 2:05 AM	4.6
4/10/20 10:40 AM	4.2	4/11/20 12:30 PM	4.2	4/13/20 12:00 AM	4.9	4/10/20 7:15 AM	4.6
4/11/20 10:40 AM	4.2	4/12/20 1:10 PM	4.2	4/14/20 12:10 AM	4.9	4/11/20 7:55 AM	4.5
4/12/20 10:30 AM	4.3	4/13/20 12:35 PM	4.2	4/15/20 12:10 AM	4.8	4/12/20 2:05 AM	4.6
4/12/20 11:00 AM	4.2	4/14/20 1:15 PM	4.3	4/16/20 11:15 AM	4.8	4/13/20 6:15 AM	4.6
4/13/20 10:40 AM	4.2	4/16/20 11:20 AM	4.3	4/17/20 12:00 AM	4.8	4/14/20 2:15 AM	4.6
4/14/20 11:00 AM	4.2	4/17/20 1:05 PM	4.3	4/18/20 12:00 AM	4.9	4/15/20 1:35 AM	4.6
4/16/20 11:10 AM	4.2	4/18/20 12:35 PM	4.3	4/19/20 11:30 PM	4.9	4/16/20 11:35 AM	4.5
4/17/20 11:10 AM	4.2	4/19/20 1:05 PM	4.2	4/20/20 12:00 AM	4.9	4/17/20 2:05 AM	4.5
4/18/20 10:40 AM	4.2	4/20/20 2:40 PM	4.2	4/21/20 12:00 AM	4.8	4/18/20 1:35 AM	4.5
4/19/20 10:40 AM	4.3	4/21/20 2:40 PM	4.4	4/22/20 12:00 AM	5.0	4/19/20 1:40 AM	4.5
4/20/20 2:25 PM	4.3	4/22/20 12:35 PM	4.4	4/23/20 12:00 AM	4.9	4/20/20 2:10 AM	4.5
4/21/20 10:40 AM	4.3	4/27/20 4:50 PM	4.1	4/24/20 6:05 AM	4.9	4/21/20 1:30 AM	4.5
4/22/20 7:40 PM	4.2	4/28/20 4:15 PM	4.1	4/25/20 12:00 AM	4.6	4/22/20 7:40 PM	4.5
4/23/20 12:20 PM	4.2	4/29/20 4:05 PM	4.0	4/26/20 12:10 AM	4.8	4/23/20 1:35 AM	4.5
4/24/20 11:10 AM	4.1	4/30/20 2:55 PM	4.0	4/27/20 7:15 AM	4.8	4/24/20 5:55 AM	4.3
4/25/20 1:50 PM	4.1			4/28/20 12:10 AM	4.8	4/25/20 1:40 AM	4.3
4/26/20 11:15 AM	4.1			4/29/20 4:10 AM	4.8	4/26/20 2:10 AM	4.3
4/27/20 5:40 PM	4.1			4/30/20 12:00 AM	4.4	4/27/20 1:35 AM	4.3
4/28/20 11:25 AM	4.0					4/28/20 10:40 AM	4.4
4/29/20 11:20 AM	4.0					4/29/20 3:40 AM	4.4
4/30/20 10:45 AM	4.2					4/30/20 1:45 AM	4.4

Date Time	Train 5 LRV	Date Time	Train 6 LRV
	OFF	4/1/20 6:55 AM	4.4
		4/8/20 9:45 AM	4.5
		4/9/20 5:40 AM	4.5
		4/10/20 8:20 AM	4.2
		4/11/20 12:00 PM	4.2
		4/17/20 8:50 AM	4.2
		4/18/20 5:40 AM	4.2
		4/19/20 5:35 AM	4.3
		4/23/20 5:20 PM	4.3
		4/24/20 6:50 AM	4.3
		4/25/20 1:15 PM	4.3
		4/26/20 2:00 PM	4.2
		4/27/20 4:55 PM	4.2
		4/28/20 1:10 PM	4.2
		4/29/20 2:25 PM	4.0
		4/30/20 1:10 PM	4.8

CITY OF JACKSON
DISTRIBUTION SYSTEM DISINFECTANT DATA

System ID   **250008**
Month Of   **April 2020**

April	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)
DATE	COL 2	COL 3	COL 4	COL 5	COL 6
1					
2					
3					
4	54				
5	44				
6	37				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
Total	135	0	0	0	0

This total does include 15 well sites collected on April 6, 2020.

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

V =   0

CITY OF JACKSON
CHLORINE DIOXIDE COMPLIANCE

Apr-20	SYSTEM ID: 250008-02 O.B. CURTIS (TF082)		SYSTEM ID: 250008-01 J. H. FEWELL (TF081)	
	ClO_2	ClO^-	ClO_2	ClO^-
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_2	ClO^-
	Olympia	OFF	OFF
	Boling St	OFF	OFF
	John Hopkins	OFF	OFF

TOC Table- Required % Removal of TOC			
Source Water TOC (ppm)	Source Water Alkalinity, ppm as CaCO$_3$		
	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%

$$\text{\% ACTUAL TOC REMOVED} = \frac{\text{RAW TOC - FINISHED TOC}}{\text{RAW TOC}} \times 100\%$$

$$\text{TOC REMOVAL RATIO} = \frac{\text{\% ACTUAL TOC REMOVED}}{\text{REQUIRED TOC REMOVAL}}$$

Date	Water Treatment Plant	TOC Summary		TOC % Removal Summary			
		Source Water Alkalinity (ppm)	Source Water TOC (ppm)	Treated Water TOC (ppm)	Actual TOC Removed (%)	Required TOC Removal (%)	TOC Removal Ratio
1/6/2020	OBC HS1	8	11.9	2.6	78.2	50.0	1.56
	OBC HS2	8	11.9	3.5	70.6	50.0	1.41
	JHF HS1	10	11.3	3.2	71.7	50.0	1.43
1/15/2020	OBC HS1	8	9.1	2.1	76.9	50.0	1.54
	OBC HS2	8	9.1	1.2	86.8	50.0	1.74
	JHF HS1	9	10.3	1.6	84.5	50.0	1.69
1/23/2020	OBC HS1	8	10.9	4.5	58.7	50.0	1.17
	OBC HS2	8	10.9	3.4	68.8	50.0	1.38
	JHF HS1	8	10.8	3.3	69.4	50.0	1.39
1/29/2020	OBC HS1	9	5.7	2.0	64.9	45.0	1.44
	OBC HS2	9	5.7	1.4	75.4	45.0	1.68
	JHF HS1	10	6.0	2.2	63.3	45.0	1.41
2/7/2020	OBC HS1	11	6.2	2.4	61.3	45.0	1.36
	OBC HS2	11	6.2	1.3	79.0	45.0	1.76
	JHF HS1	11	6.6	2.5	62.1	45.0	1.38
2/12/2020	OBC HS1	12	7.7	1.9	75.3	50.0	1.51
	OBC HS2	12	7.7	2.2	71.4	50.0	1.43
	JHF HS1	12	3.8	1.5	60.5	50.0	1.21
2/18/2020	OBC HS1	10	6.0	1.7	71.7	45.0	1.59
	OBC HS2	10	6.3	2.0	68.3	45.0	1.52
	JHF HS1	7	7.0	1.0	85.7	45.0	1.90
2/26/2020	OBC HS1	14	9.4	1.9	79.8	50.0	1.60
	OBC HS2	14	9.4	3.0	68.1	50.0	1.36
	JHF HS1	8	9.2	2.9	68.5	50.0	1.37
3/5/2020	OBC HS1	12	9.1	2.2	75.8	50.0	1.52
	OBC HS2	12	9.1	2.7	70.3	50.0	1.41
	JHF HS1	10	8.7	2.3	73.6	50.0	1.47
3/12/2020	OBC HS1	10	10.1	3.3	67.3	50.0	1.35
	OBC HS2	10	10.1	2.8	72.3	50.0	1.45
	JHF HS1	11	9.5	2.5	73.7	50.0	1.47
3/17/2020	OBC HS1	10	6.7	1.6	76.1	50.0	1.52
	OBC HS2	10	6.7	1.9	71.6	50.0	1.43
	JHF HS1	8	6.2	0.4	93.5	45.0	2.08
3/25/2020	OBC HS1	10	6.7	2.1	68.7	50.0	1.37
	OBC HS2	10	6.7	2.5	62.7	50.0	1.25
	JHF HS1	11	7.8	1.6	79.5	50.0	1.59
RUNNING ANNUAL AVERAGE	OBC HS1						1.46
	OBC HS2						1.48
	JHF HS1						1.53
						TOTAL COMBINED RUNNING ANNUAL AVERAGE	**1.49**

TOC Table- Required % Removal of TOC			
Source Water TOC (ppm)	Source Water Alkalinity, ppm as CaCO$_3$		
	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%

$$\% \text{ ACTUAL TOC REMOVED} = \frac{\text{RAW TOC - FINISHED TOC}}{\text{RAW TOC}} \times 100\%$$

$$\text{TOC REMOVAL RATIO} = \frac{\% \text{ ACTUAL TOC REMOVED}}{\text{REQUIRED TOC REMOVAL}}$$

Date	Water Treatment Plant	TOC Summary		TOC % Removal Summary			
		Source Water Alkalinity (ppm)	Source Water TOC (ppm)	Treated Water TOC (ppm)	Actual TOC Removed (%)	Required TOC Removal (%)	TOC Removal Ratio
4/1/2020	OBC HS1	13	6.7	3.1	53.7	45.0	1.19
	OBC HS2	13	6.7	2.7	59.7	45.0	1.33
	JHF HS1	13	8.9	1.9	78.7	50.0	1.57
4/10/2020	OBC HS1	11	8.4	3.1	63.1	50.0	1.26
	OBC HS2	11	8.4	2.5	70.2	50.0	1.40
	JHF HS1	14	7.5	2.5	66.7	45.0	1.48
4/14/2020	OBC HS1	12	8.7	2.4	72.4	50.0	1.45
	OBC HS2	12	8.7	1.7	80.5	50.0	1.61
	JHF HS1	12	7.3	1.9	74.0	45.0	1.64
4/20/2020	OBC HS1	12	7.1	2.8	60.6	45.0	1.35
	OBC HS2	12	7.1	2.0	71.8	45.0	1.60
	JHF HS1	13	8.6	1.6	81.4	50.0	1.63
4/28/2020	OBC HS1	10	9.8	3.7	62.2	50.0	1.24
	OBC HS2	10	9.8	4.9	50.0	50.0	1.00
	JHF HS1	12	10.0	3.2	68.0	50.0	1.36
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
RUNNING ANNUAL AVERAGE	OBC HS1						1.30
	OBC HS2						1.39
	JHF HS1						1.54
						TOTAL COMBINED RUNNING ANNUAL AVERAGE	1.41

CITY OF JACKSON
CORROSION CONTROL DATA

April 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF		
DATE / SHIFT		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
1	0700 - 1500	9.6	35	31	9.4	17	55
	1500 - 2300	9.6	31	39	9.4	16	42
	2300 - 0700	9.7	32	40	9.6	15	55
2	0700 - 1500	9.4	30	40	9.1	14	52
	1500 - 2300	9.8	40	37	9.3	13	37
	2300 - 0700	9.6	31	39	9.6	17	52
3	0700 - 1500	9.6	33	42	9.4	16	54
	1500 - 2300	9.5	31	39	9.4	18	58
	2300 - 0700	9.6	29	39	9.6	12	48
4	0700 - 1500	9.6	34	24	9.6	15	54
	1500 - 2300	9.5	36	27	9.6	17	51
	2300 - 0700	9.7	40	27	9.8	17	59
5	0700 - 1500	9.3	23	15	9.3	13	54
	1500 - 2300	9.6	38	14	9.2	15	38
	2300 - 0700	9.6	31	17	9.3	22	42
6	0700 - 1500	9.5	34	19	9.7	17	56
	1500 - 2300	9.5	38	30	9.4	17	52
	2300 - 0700	9.6	40	31	9.4	16	57
7	0700 - 1500	9.4	42	32	9.4	12	50
	1500 - 2300	9.4	38	30	9.6	17	53
	2300 - 0700	9.6	39	31	9.1	17	57
8	0700 - 1500	9.2	41	32	9.3	12	57
	1500 - 2300	9.2	39	31	9.3	18	44
	2300 - 0700	9.3	40	32	9.2	14	50
9	0700 - 1500	9.5	42	31	9.4	16	52
	1500 - 2300	9.3	29	27	9.1	17	44
	2300 - 0700	9.3	31	35	9.8	20	62
10	0700 - 1500	9.6	30	36	9.7	16	54
	1500 - 2300	9.5	41	31	9.5	13	53
	2300 - 0700	9.5	42	31	9.9	15	55
11	0700 - 1500	9.6	27	17	9.1	17	47
	1500 - 2300	9.6	32	21	9.7	15	43
	2300 - 0700	9.7	38	25	9.7	15	52

CITY OF JACKSON
CORROSION CONTROL DATA

April 2020	SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
	OBC COMBINED HIGH SERVICE			JHF		
DATE / SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
12 0700 - 1500	9.7	36	16	9.6	15	52
1500 - 2300	9.7	32	21	9.5		
2300 - 0700	9.6	29	23	9.6	17	41
13 0700 - 1500	9.5	34	27	9.2	16	58
1500 - 2300	9.6	32	26	9.5	14	53
2300 - 0700	9.6	33	29	9.7	16	50
14 0700 - 1500	9.6	36	24	9.6	14	57
1500 - 2300	9.3	33	25	9.6	18	45
2300 - 0700	9.6	37	31	9.3	13	49
15 0700 - 1500	9.6	30	16	9.4	16	49
1500 - 2300	9.5	31	24	9.7	13	36
2300 - 0700	9.4	34	32	9.6	16	50
16 0700 - 1500	9.6	27	21	9.0	13	48
1500 - 2300	9.1	20	26	9.2	19	36
2300 - 0700	9.2	24	28	9.7	16	50
17 0700 - 1500	7.0	25	32	9.5	14	55
1500 - 2300	8.7	34	23	9.5	14	52
2300 - 0700	9.0	39	30	9.7	11	49
18 0700 - 1500	8.6	18	16	9.6	18	49
1500 - 2300	9.4	32	19	9.6	16	44
2300 - 0700	9.5	31	21	9.4	15	53
19 0700 - 1500	9.5	31	15	9.5	14	51
1500 - 2300	9.3	29	15	9.7	18	53
2300 - 0700	9.5	29	21	9.7	17	47
20 0700 - 1500	9.4	34	24	9.2	17	44
1500 - 2300	9.0	36	21	9.2	14	49
2300 - 0700	9.1	38	24	9.0	15	52
21 0700 - 1500	9.5	34	26	9.5	14	49
1500 - 2300	9.4	36	27	9.7	15	39
2300 - 0700	9.3	38	26	9.6	19	54
22 0700 - 1500	9.6	24	33	9.4	14	41
1500 - 2300	9.4	29	38	9.4	15	41
2300 - 0700	9.5	24	36	9.4	15	51

CITY OF JACKSON
CORROSION CONTROL DATA

April 2020	SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
	OBC COMBINED HIGH SERVICE			JHF		
DATE / SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
23 0700 - 1500	9.5	31	38	9.2	13	47
1500 - 2300	9.5	28	27	9.3	17	46
2300 - 0700	9.6	29	34	9.4	17	49
24 0700 - 1500	9.8	27	37	9.5	14	48
1500 - 2300	9.2	26	35	9.6	15	52
2300 - 0700	9.3	31	42	9.7	15	49
25 0700 - 1500	9.3	23	11	9.7	21	46
1500 - 2300	9.6	34	19	9.5	14	39
2300 - 0700	9.5	30	18	9.7	16	52
26 0700 - 1500	9.3	23	17	9.6	16	53
1500 - 2300	9.2	25	15	9.2	13	51
2300 - 0700	9.3	30	22	9.0	13	38
27 0700 - 1500	9.4	32	12	9.7	16	50
1500 - 2300	9.0	36	29	9.6	14	48
2300 - 0700	8.7	38	27	9.6	15	50
28 0700 - 1500	9.3	37	22	9.6	14	47
1500 - 2300	9.4	26	17	9.3	17	41
2300 - 0700	9.4	34	22	9.4	15	46
29 0700 - 1500	9.3	35	19	9.6	14	54
1500 - 2300	9.5	38	31	9.7	17	48
2300 - 0700	9.4	31	36	9.6	17	54
30 0700 - 1500	9.2	25	22	9.7	16	56
1500 - 2300	9.2	24	28	9.4	18	48
2300 - 0700	9.0	36	33	9.5	16	56
31 0700 - 1500						
1500 - 2300						
2300 - 0700						
MONTHLY MIN	**7.0**	**18**	**11**	**9.0**	**11**	**36**
MONTHLY MAX	**9.8**	**42**	**42**	**9.9**	**22**	**62**
MONTHLY AVG	**9.4**	**32**	**27**	**9.5**	**16**	**49**

<center>**Comments**</center>

<center>**JH Fewell (TF081)**</center>

Grab Data in place of Online Data:

(4/16) Filter 12 - 8:00am-Operator noted spike and ran grab sample

(4/16) Filter 21 - 12:00pm-Operator noted spike and ran grab sample. Opertaor on shift before noted spike during his shift as well as turned filter off. Instrument Tech issued work order to clean @21 turbidity meter.

(4/17) Filter 22 - 4:00am-Operator noted spike and ran grab sample.

(4/18) Filter 25 - 8:00pm-Mix up with operator on previous shift. Did not disable and enable correct filters for what filtration was actually on. Report did not have online monitoring data for the filter that was disabled. Used grab data.

#12 Filter spikes on 4AM on 4/22 and 12PM on 4/24- Insturment Tech working on turbidity meter 4/24.

High Service CL17 readings for 4/21/20 - Instrument Tecch working on CL17 & replaced with new CL17.

Online Monitoring Last Date of Calibration for J.H. Fewell

CL 17s - 4/14/2020

Raw pH probe - 4/14/2020

HS pH probe calibrated - 4/20/20

Raw and Floc pH proble calibrated. - 4/21/20

CL17s calibrated (High Service Basin #3 and Basin #4). - 4/22/20

Storm from night before knocked communications out form STRC detector, while addressing issue floc pH communications was interrupted too. Both were repaired and back communicating. - 4/23/20

Instrument tech inspected and serviced @12 turbidity meter. - 4/24/20

<center>**OB Curtis Conventional (TF082)**</center>

Grab data was replaced online data on the following dates listed below:

Raw water - 4/13, 4/15

Settled water - 4/13, 4/14, 4/17   On dates 4/15, 4/16, 4/18, 4/27-No online data registered due to glitch in system.

Finished water - 4/16 4AM-8PM High turbidities were caused by an extended plant shut down on 4/15 into 4/16.

Filter #1 - 4/17-4PM-8PM   On 4/18-4AM-8PM no online data registered due to glitch in system.

Filter #2 - 4/18-12PM-4PM; Filter #3 4/18-12PM-8PM; Filter #4 4/18-12PM-8PM; Filter #6 4/18-12PM-8PM -No online data registered due to glitch in system.

pH readings were low for 4/17-4/18 because the soda ash day tank was empty and also a soda ash trial began on 4/17 with the soda ash dilution system. Other pH readings were low due to an ammonia feed system malfunction.

Finished Water Turbidities - 4/28-12AM-4AM- Plant coming back up after shut down.

On page 271 of the OB Curtis logbook, it shows Nelson and Wolfe working from 7P-7A. It should show Wolfe working until 11P and Hawthorn working from 11P-7A.

<center>**OB Curtis Membrane (TF083)**</center>

Grab data was replaced online data on the following dates listed below:

Train #3 showed an exceedance on 4/8 at 4AM and the train was turned off.

Chlorine grab data was used on 4/16 at 8PM and 4/17 at 12AM. The membrane chlorine was not feeding because valve was stuck in closed position.

Trains #1 and #2 - 4/12-/4/18- The online data appeared to be reading only .0002, .0003, .0004, .0005, or .0006.

Train #3 - 4/12-4/14-Operator stated the online reading was .3 or higher but grab data was lower.

Train #4 - 4/15 at 12AM; 4/16 at 12PM-Grab data was lower than online data. The train turbidimeters lines were flushed and lens cleaned.

Train #1 - 4/19-4/24 at 8AM-The online data appeared to be reading only .0005, or .0006.

Train #2 - 4/19-4/22-The online data appeared to be reading only .0002, .0003, or .0004.

Train #3 - 4/22-4/24 at 8AM-Grab data was lower than online data.
Train #4 - 4/22-8AM-4PM-Grab data was lower than online data.
Chlorine data - 4/28-12AM; 5/1-8AM-Ammonia system not feeding.
Train #1 - 4/29-4PM; 4/30-4AM-Spikes occurred grab data was lower.
Train #2 - 4/27-12P-4AM-Online data appeared to be reading only .0003.

Online Monitoring Last Date of Calibration for O.B. Curtis
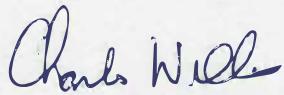CL17s - 4/17/2020; 4/24/2020; 05/1/2020

Upgrades and Repairs at O.B. Curtis

1. New Turbidimeters (TUsc5400) were installed on all trains March 30, 2020.

2. Soda Ash Diluiton System installed on April 14, 2020 and brought online April 17, 2020.

Upgrades and Repairs at JH Fewell

1. High Service CL17 and Floc pH probe replaced April 21, 2020.

2. Replaced #12 SC200 turbidity transmitter April 27, 2020.

3. Replaced Southwest (1 of 3) flow transmitter on high service April 28, 2020.

Charles Williams

Dr. Charles Williams, PE

5/9/20

Date