

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

System ID **250008-01**
Month of **May 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	3.0	7	3.2	13	2.2	19	2.6	25	2.7
2	2.9	8	3.1	14	3.0	20	3.0	26	2.5
3	3.0	9	3.3	15	3.1	21	3.1	27	3.1
4	3.3	10	3.0	16	3.3	22	2.9	28	3.0
5	3.0	11	2.8	17	3.3	23	2.9	29	3.0
6	2.3	12	3.1	18	2.6	24	3.1	30	3.2
								31	3.2

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. 5/27/2020

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

System ID
Month of

250008-01
May 2020

May 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTER	HS #1
5/1	29.2994	1.4369	0.2232	0.1925
5/2	31.9350	0.5294	0.2032	0.2013
5/3	29.4650	0.6994	0.1924	0.1425
5/4	27.9719	0.7194	0.1877	0.1219
5/5	27.7725	0.8194	0.2226	0.1244
5/6	26.2800	0.5519	0.2136	0.1606
5/7	24.5700	0.5881	0.2126	0.1475
5/8	20.0400	0.5694	0.2140	0.1388
5/9	22.2425	0.5594	0.2339	0.1388
5/10	23.4619	0.6794	0.2340	0.1356
5/11	20.0712	0.4894	0.2162	0.2044
5/12	19.5556	0.4681	0.2123	0.2437
5/13	19.8913	0.5213	0.2400	0.1481
5/14	19.5387	0.6981	0.2246	0.1675
5/15	19.1269	0.4394	0.2119	0.1362
5/16	20.0562	0.4494	0.1935	0.1619
5/17	18.9944	0.5587	0.2330	0.1688
5/18	21.2581	0.5394	0.2362	0.1681
5/19	19.6838	0.3419	0.1905	0.1256
5/20	18.8269	0.3494	0.2012	0.1231
5/21	18.7750	0.4194	0.2234	0.1406
5/22	17.0969	0.4131	0.1917	0.1437
5/23	18.2250	0.5494	0.1929	0.1556
5/24	20.5056	0.6787	0.1930	0.1375
5/25	18.7888	0.6594	0.1884	0.1456
5/26	19.6581	0.6125	0.2492	0.2219
5/27	49.3337	0.6690	0.1977	0.1844
5/28	31.2244	0.5414	0.2027	0.1369
5/29	20.6794	0.5429	0.2348	0.1269
5/30	18.1450	0.5694	0.2206	0.1219
5/31	20.1844	0.6692	0.2169	0.1587
MIN	17.0969	0.3419	0.1877	0.1219
MAX	49.3337	1.4369	0.2492	0.2437
AVG	22.9890	0.5914	0.2132	0.1556

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

**System ID
Month of**

**250008-01
May 2020**

May 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
5/1	0.1763	0.1556	0.1475	0.1925	0.1737	0.1069
5/2	0.1456	0.2013	0.1444	0.1088	0.1175	0.1131
5/3	0.1425	0.1287	0.1269	0.1031	0.1187	0.1269
5/4	0.1219	0.1137	0.1119	0.1088	0.1137	0.1094
5/5	0.1069	0.1069	0.1050	0.1137	0.1244	0.1163
5/6	0.1169	0.1244	0.1369	0.1338	0.1606	0.1187
5/7	0.1219	0.1169	0.1175	0.1256	0.1475	0.1331
5/8	0.1388	0.1219	0.1163	0.1169	0.1275	0.1187
5/9	0.1231	0.1156	0.1388	0.1312	0.1306	0.1256
5/10	0.1181	0.1287	0.1213	0.1213	0.1356	0.1212
5/11	0.1187	0.1412	0.1462	0.1275	0.2044	0.1931
5/12	0.1156	0.1181	0.1362	0.2437	0.1256	0.1388
5/13	0.1287	0.1287	0.1481	0.1275	0.1319	0.1350
5/14	0.1287	0.1312	0.1425	0.1675	0.1350	0.1356
5/15	0.1250	0.1287	0.1362	0.1281	0.1213	0.1294
5/16	0.1513	0.1169	0.1581	0.1250	0.1344	0.1619
5/17	0.1444	0.1294	0.1431	0.1306	0.1437	0.1688
5/18	0.1681	0.1269	0.1300	0.1306	0.1213	0.1275
5/19	0.1256	0.1187	0.1150	0.1169	0.1206	0.1094
5/20	0.1150	0.1150	0.1088	0.1206	0.1231	0.1175
5/21	0.1250	0.1187	0.1088	0.1088	0.1262	0.1406
5/22	0.1163	0.1088	0.1437	0.1206	0.1338	0.1156
5/23	0.1169	0.1219	0.1356	0.1556	0.1194	0.1412
5/24	0.1200	0.1281	0.1231	0.1256	0.1294	0.1375
5/25	0.1144	0.1156	0.1106	0.1150	0.1456	0.1456
5/26	0.1462	0.1050	0.1338	0.1538	0.2219	0.1550
5/27	0.1381	0.1350	0.1169	0.1513	0.1844	0.1338
5/28	0.1356	0.1269	0.1325	0.1369	0.1219	0.1269
5/29	0.1238	0.1219	0.1238	0.1125	0.1150	0.1269
5/30	0.1100	0.1119	0.1187	0.1219	0.1088	0.1050
5/31	0.1056	0.1488	0.1569	0.1437	0.1456	0.1587
MIN	0.1056	0.1050	0.1050	0.1031	0.1088	0.1050
MAX	0.1763	0.2013	0.1581	0.2437	0.2219	0.1931
AVG	0.1285	0.1262	0.1302	0.1329	0.1375	0.1321

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

**System ID
Month of**

**250008-01
May 2020**

May 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
5/1	3.0	3.4	3.3	3.4	3.6	3.8
5/2	3.1	3.4	2.9	3.0	3.4	3.2
5/3	3.4	3.5	3.0	3.1	3.0	3.8
5/4	3.5	3.6	3.3	3.4	3.7	3.6
5/5	3.4	3.5	3.0	3.9	3.5	3.9
5/6	3.4	3.2	2.3	3.3	3.5	3.7
5/7	3.7	3.7	3.2	3.9	3.8	3.4
5/8	3.8	3.7	3.1	3.5	3.1	3.5
5/9	3.5	3.5	3.8	3.4	3.3	3.5
5/10	3.1	3.1	3.2	3.0	3.0	3.1
5/11	3.4	2.8	2.8	3.1	3.4	3.2
5/12	3.1	3.3	3.1	3.1	3.1	3.1
5/13	2.2	3.0	3.1	3.0	3.2	3.3
5/14	3.3	3.4	3.1	3.0	3.1	3.4
5/15	3.1	3.1	3.1	3.2	3.3	3.4
5/16	3.6	3.6	3.4	3.3	3.3	3.4
5/17	3.3	3.3	3.5	3.5	3.7	3.9
5/18	3.4	3.3	3.5	3.1	2.6	3.3
5/19	3.3	3.2	3.7	3.1	2.6	3.2
5/20	3.5	3.4	3.0	3.2	3.2	3.1
5/21	3.1	3.1	3.3	3.1	3.1	3.3
5/22	3.0	3.2	2.9	3.0	3.0	3.4
5/23	3.1	3.1	3.1	2.9	3.1	3.1
5/24	3.2	3.3	3.2	3.1	3.7	3.5
5/25	3.4	3.2	3.0	2.7	3.2	3.5
5/26	3.2	2.7	2.5	2.5	3.0	3.4
5/27	3.5	3.6	3.4	3.1	3.2	3.2
5/28	3.6	3.4	3.1	3.1	3.0	3.5
5/29	3.0	3.1	3.0	3.2	3.0	3.5
5/30	3.6	3.6	3.5	3.3	3.2	3.3
5/31	3.3	3.2	3.4	3.2	3.4	3.4
MIN	2.2	2.7	2.3	2.5	2.6	3.1
MAX	3.8	3.7	3.8	3.9	3.8	3.9
AVG	3.3	3.3	3.1	3.2	3.2	3.4

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
5/1/2020	12:00 AM	OFF	OFF	OFF	0.1137	0.1360	0.1140	0.0922	0.2102	0.1947	0.0934	OFF	0.1319	OFF	0.1266	0.1012
	04:00 AM	OFF	OFF	OFF	0.1202	0.1319	0.1087	0.0981	OFF	0.1432	0.0781	OFF	0.1314	OFF	0.0923	0.0831
	08:00 AM	OFF	OFF	OFF	0.1194	0.1289	0.0886	0.0914	OFF	0.1433	0.0808	OFF	OFF	OFF	OFF	0.0762
	12:00 PM	OFF	OFF	OFF	0.1073	0.0964	0.0789	0.0788	0.1946	0.1379	0.0807	OFF	OFF	OFF	OFF	0.0702
	04:00 PM	0.0407	OFF	OFF	0.0829	0.0847	0.0692	0.0942	0.2232	0.1447	0.0711	OFF	OFF	OFF	OFF	0.0707
	08:00 PM	0.0344	OFF	OFF	0.0519	0.0790	0.0585	0.1041	0.1940	0.1387	0.0555	OFF	OFF	OFF	OFF	0.0694
	AVG	0.0361	OFF	OFF	0.0999	0.1106	0.0866	0.0941	0.2055	0.1511	0.0773	OFF	0.1317	OFF	0.1104	0.0788
5/2/2020	12:00 AM	0.0334	OFF	OFF	0.0529	0.0799	0.0594	0.0776	0.1984	0.1338	0.0470	OFF	OFF	OFF	OFF	0.0687
	04:00 AM	0.0347	0.0381	OFF	0.0510	0.0801	0.0618	0.0736	0.2032	0.2362	0.0510	OFF	0.0820	OFF	0.1256	0.0684
	08:00 AM	0.0394	0.0318	OFF	0.0514	0.0872	0.0615	0.0724	0.1900	0.1741	0.0533	OFF	0.0721	OFF	0.0981	0.0690
	12:00 PM	0.0424	OFF	OFF	0.0542	0.0967	0.0642	0.0747	0.1987	0.1849	0.0544	OFF	0.0745	OFF	0.0790	0.0688
	04:00 PM	0.0463	OFF	OFF	0.0560	0.1020	0.0684	0.0726	0.1988	0.1638	0.0510	OFF	0.0827	OFF	0.0761	0.0874
	08:00 PM	0.0465	OFF	OFF	0.0601	0.1032	0.0736	0.0720	0.1919	0.1487	0.0497	OFF	0.0817	OFF	0.0874	0.0816
	AVG	0.0408	0.0341	OFF	0.0543	0.0923	0.0649	0.0739	0.1968	0.1714	0.0510	OFF	0.0784	OFF	0.0893	0.0728
5/3/2020	12:00 AM	0.0459	OFF	OFF	0.0582	0.0947	0.0744	0.0725	0.1901	0.1435	0.0536	OFF	0.0842	OFF	0.0755	0.0810
	04:00 AM	0.0428	OFF	OFF	0.0554	0.0947	0.0758	0.0695	0.1866	0.1398	0.0489	OFF	0.0828	OFF	0.0757	0.0797
	08:00 AM	0.0392	OFF	OFF	0.0539	0.0851	0.0699	0.0725	0.1851	0.1411	0.0494	OFF	0.0728	OFF	0.0755	0.0808
	12:00 PM	0.0491	OFF	OFF	0.0572	0.0827	OFF	0.0755	0.1884	0.1391	0.0581	OFF	OFF	OFF	OFF	0.0859
	04:00 PM	0.0706	OFF	OFF	0.0609	0.0844	0.1043	0.0696	0.1924	0.1439	0.0612	OFF	0.1061	OFF	0.1244	0.0881
	08:00 PM	0.0765	OFF	OFF	0.0608	0.0860	0.0858	0.0685	0.1900	0.1450	0.0576	OFF	0.1161	OFF	0.1026	0.0844
	AVG	0.0550	OFF	OFF	0.0577	0.0880	0.0833	0.0714	0.1889	0.1421	0.0547	OFF	0.0940	OFF	0.0932	0.0833
5/4/2020	12:00 AM	0.0939	OFF	OFF	0.0576	0.0823	0.0784	0.0696	0.1849	0.1430	0.0527	OFF	0.0984	OFF	0.0945	0.0803
	04:00 AM	0.0995	OFF	OFF	0.0580	0.0822	0.0775	0.0692	0.1843	0.1411	0.0478	OFF	0.0800	OFF	0.0937	0.0808
	08:00 AM	0.0849	OFF	OFF	0.0578	0.0818	0.0769	0.0716	0.1842	0.1417	0.0512	OFF	0.0865	OFF	0.0935	0.0811
	12:00 PM	OFF	OFF	OFF	0.1877	0.1244	0.0764	0.0811	0.1851	0.1424	0.0536	OFF	0.0927	OFF	0.0946	0.0819
	04:00 PM	OFF	OFF	OFF	0.1184	0.1104	0.0719	0.0787	0.1822	0.1387	0.0516	OFF	0.0989	OFF	0.1091	0.0784
	08:00 PM	OFF	OFF	OFF	0.0787	0.0961	0.0699	0.0714	0.1814	0.1369	0.0513	OFF	0.1067	OFF	0.0870	0.0773
	AVG	0.0938	OFF	OFF	0.1055	0.0999	0.0751	0.0744	0.1837	0.1407	0.0513	OFF	0.0942	OFF	0.0956	0.0800
5/5/2020	12:00 AM	OFF	OFF	OFF	0.0776	0.0906	0.0700	0.0702	0.1815	0.1367	0.0472	OFF	0.1129	OFF	0.0864	0.0772
	04:00 AM	OFF	OFF	OFF	0.0767	0.0908	0.0722	0.0711	0.1831	0.1376	0.0503	OFF	0.1010	OFF	0.0880	0.0787
	08:00 AM	OFF	OFF	OFF	0.0742	0.0900	0.0705	0.0725	0.2139	0.1375	0.0579	OFF	0.1097	OFF	0.0882	0.0787
	12:00 PM	OFF	OFF	OFF	0.0773	0.0920	0.0743	0.0750	0.2226	0.1380	OFF	OFF	0.1021	OFF	0.0926	0.0817
	04:00 PM	0.0485	OFF	OFF	0.0803	0.0939	0.0754	0.0710	0.2137	0.1422	OFF	OFF	0.1146	OFF	0.0945	0.0835
	08:00 PM	0.0463	OFF	OFF	0.0779	0.0944	0.0753	0.0700	0.2087	0.1427	OFF	OFF	0.1056	OFF	0.0931	0.0829
	AVG	0.0469	OFF	OFF	0.0773	0.0919	0.0730	0.0717	0.2043	0.1391	0.0512	OFF	0.1077	OFF	0.0904	0.0805
5/6/2020	12:00 AM	0.0428	OFF	OFF	0.0761	0.0918	0.0778	0.0766	0.2100	0.1406	OFF	OFF	0.0861	OFF	0.0931	0.0827
	04:00 AM	0.0408	OFF	OFF	0.0745	0.0911	0.0785	0.0799	0.2081	0.1384	OFF	OFF	0.0880	OFF	0.0957	0.0818
	08:00 AM	0.0478	OFF	OFF	0.0797	0.0920	0.0803	0.1072	0.2136	0.1442	0.0953	OFF	0.0905	OFF	0.0948	0.0812
	12:00 PM	0.0424	OFF	OFF	0.0773	0.0914	0.0786	0.1230	0.2131	0.1460	0.0859	OFF	0.0892	OFF	0.0941	0.1308
	04:00 PM	0.0402	OFF	OFF	0.0716	0.0872	0.0749	0.1036	0.2090	OFF	0.0772	OFF	0.0847	OFF	0.0886	0.1096
	08:00 PM	0.0393	OFF	OFF	0.0687	0.0860	0.0737	0.0953	0.2056	OFF	0.0735	OFF	0.0780	OFF	0.0863	0.1018
	AVG	0.0422	OFF	OFF	0.0747	0.0899	0.0773	0.0979	0.2099	0.1414	0.0819	OFF	0.0863	OFF	0.0921	0.0978
5/7/2020	12:00 AM	0.0398	OFF	OFF	0.0715	0.0912	0.0770	0.0964	0.2079	OFF	0.0716	OFF	0.0810	OFF	0.0889	0.1033
	04:00 AM	0.0399	OFF	OFF	0.0691	0.0954	0.0777	0.0959	0.2092	OFF	0.0698	OFF	0.0873	OFF	0.0900	0.1026
	08:00 AM	0.0398	OFF	OFF	0.0668	0.0984	0.0750	0.0965	0.2122	OFF	0.0708	OFF	0.0837	OFF	0.1088	0.1032
	12:00 PM	0.0394	OFF	OFF	0.0722	0.0957	0.0887	0.0954	0.2126	0.1874	0.0694	OFF	0.0813	OFF	0.0905	0.0999
	04:00 PM	0.0387	OFF	OFF	0.0728	0.0929	0.0776	0.0936	0.2120	0.1685	0.0682	OFF	0.0827	OFF	0.0894	0.0969
	08:00 PM	0.0380	OFF	OFF	0.0712	0.0878	0.0780	0.0911	0.2092	0.1587	0.0658	OFF	0.0800	OFF	0.0892	0.0952
	AVG	0.0392	OFF	OFF	0.0706	0.0939	0.0791	0.0949	0.2106	0.1699	0.0692	OFF	0.0827	OFF	0.0929	0.1002

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
5/8/2020	12:00 AM	0.0388	OFF	OFF	0.0732	0.0877	0.0836	0.0947	0.2127	0.1724	0.0710	OFF	0.0844	OFF	0.0932	0.0980
	04:00 AM	0.0381	OFF	OFF	OFF	OFF	OFF	0.0930	0.2140	0.1742	0.0733	OFF	0.0861	OFF	0.0954	0.0978
	08:00 AM	0.0377	OFF	OFF	0.1880	OFF	OFF	0.0900	0.2087	0.1692	0.0718	OFF	0.0873	OFF	0.0940	0.0953
	12:00 PM	0.0374	OFF	OFF	0.1456	0.1286	0.1345	0.0853	0.2035	0.1668	0.0713	OFF	0.0801	OFF	0.0935	0.0944
	04:00 PM	0.0366	OFF	OFF	0.0974	0.1242	0.1163	0.0780	0.1982	0.1595	0.0679	OFF	0.0796	OFF	0.1086	0.0903
	08:00 PM	0.0364	OFF	OFF	0.0903	0.1057	0.1035	0.0772	0.2001	0.1575	0.0668	OFF	0.0889	OFF	0.1170	0.0894
	AVG	0.0376	OFF	OFF	0.1222	0.1128	0.1069	0.0868	0.2063	0.1667	0.0704	OFF	0.0843	OFF	0.0974	0.0942
5/9/2020	12:00 AM	OFF	OFF	OFF	0.0930	0.1046	0.1048	0.0827	0.2062	0.1598	0.0684	OFF	0.0339	OFF	OFF	0.0916
	04:00 AM	OFF	OFF	OFF	0.0961	0.1058	0.1074	0.0835	0.2142	0.1641	0.0695	OFF	OFF	OFF	OFF	0.0943
	08:00 AM	OFF	OFF	OFF	0.0943	0.1037	0.1038	0.0886	0.2178	0.1629	0.0657	OFF	OFF	OFF	OFF	0.0936
	12:00 PM	OFF	OFF	OFF	0.0929	0.1017	0.1038	0.0858	0.2213	0.1615	0.0692	OFF	OFF	OFF	OFF	0.0923
	04:00 PM	OFF	OFF	OFF	0.0873	0.0996	0.0972	0.0857	0.2184	0.1567	0.0622	OFF	0.1171	OFF	OFF	0.0880
	08:00 PM	OFF	OFF	OFF	0.0846	0.1091	0.0944	0.1097	0.2339	0.1534	0.0608	OFF	0.1259	OFF	OFF	0.0852
	AVG	OFF	OFF	OFF	0.0914	0.1042	0.1019	0.0875	0.2168	0.1597	0.0659	OFF	0.1216	OFF	OFF	0.0908
5/10/2020	12:00 AM	OFF	OFF	OFF	0.0848	0.1059	0.0965	0.1092	0.2340	0.1562	0.0611	OFF	0.1177	OFF	OFF	0.0852
	04:00 AM	OFF	OFF	OFF	0.0846	0.1101	0.0974	0.1037	0.2302	0.1602	0.0631	OFF	0.1114	OFF	OFF	0.0869
	08:00 AM	OFF	OFF	OFF	0.0800	0.1068	0.0908	0.0946	0.2216	0.1547	0.0661	OFF	0.1006	OFF	OFF	0.0839
	12:00 PM	OFF	OFF	OFF	0.0749	0.0965	0.0840	0.0877	0.2154	0.1493	0.0636	OFF	0.0901	OFF	0.1463	0.0810
	04:00 PM	OFF	OFF	OFF	0.0722	0.1607	0.0827	0.0866	0.2144	0.1468	0.0985	OFF	0.0897	OFF	0.1282	0.1405
	08:00 PM	OFF	OFF	OFF	0.0715	0.0992	0.0809	0.0805	0.2097	0.1460	0.0821	OFF	0.0847	OFF	0.1212	0.1123
	AVG	OFF	OFF	OFF	0.0779	0.1151	0.0888	0.0941	0.2208	0.1522	0.0704	OFF	0.0990	OFF	0.1277	0.0954
5/11/2020	12:00 AM	OFF	OFF	OFF	0.0674	0.0968	0.0819	0.0829	0.2094	0.1477	0.0797	OFF	0.0844	OFF	0.1144	0.1089
	04:00 AM	OFF	OFF	OFF	0.0714	0.1034	0.0879	0.0874	0.2162	0.1551	0.0844	OFF	0.0920	OFF	0.1206	0.1157
	08:00 AM	OFF	OFF	OFF	0.0734	0.1063	0.0867	0.0888	0.2162	0.1853	0.0811	OFF	0.0908	OFF	0.1160	0.1108
	12:00 PM	OFF	OFF	OFF	0.1354	0.0990	0.0801	0.0861	0.2103	0.1922	0.0733	OFF	0.0855	OFF	0.1052	0.1004
	04:00 PM	OFF	OFF	OFF	0.0995	OFF	0.0801	0.0819	0.2102	0.1763	0.0721	OFF	0.0860	OFF	0.1034	0.0984
	08:00 PM	OFF	OFF	OFF	0.0924	OFF	0.0822	0.0808	0.2096	0.1709	0.0723	OFF	0.0884	OFF	0.1026	0.0979
	AVG	OFF	OFF	OFF	0.0923	0.1021	0.0831	0.0848	0.2119	0.1706	0.0772	OFF	0.0878	OFF	0.1104	0.1054
5/12/2020	12:00 AM	OFF	OFF	OFF	0.0919	OFF	0.0848	0.0791	0.2111	0.1713	0.0732	OFF	0.0870	OFF	0.1076	0.0993
	04:00 AM	OFF	OFF	OFF	0.0903	OFF	0.0857	0.0788	0.2120	0.1691	0.0728	OFF	0.0878	OFF	0.1159	0.0985
	08:00 AM	OFF	OFF	OFF	0.0868	0.1176	0.1553	0.0818	0.2123	0.1642	0.0707	OFF	0.0877	OFF	0.1013	0.0952
	12:00 PM	OFF	OFF	OFF	0.0810	0.1081	0.1180	0.1083	0.2079	0.1570	0.0666	OFF	0.0839	OFF	0.0968	0.0906
	04:00 PM	OFF	OFF	OFF	0.0784	0.1037	0.1039	0.0988	OFF	0.1551	0.0633	OFF	0.0780	OFF	0.0941	0.0891
	08:00 PM	OFF	OFF	OFF	0.0796	0.1041	0.1054	0.1004	OFF	0.1590	0.0584	OFF	0.0828	OFF	0.0979	0.0919
	AVG	OFF	OFF	OFF	0.0847	0.1078	0.1069	0.0913	0.2114	0.1626	0.0672	OFF	0.0846	OFF	0.1025	0.0942
5/13/2020	12:00 AM	OFF	OFF	OFF	0.0833	0.1021	0.1018	0.1009	OFF	0.1637	0.0605	OFF	0.0903	OFF	0.1042	0.1005
	04:00 AM	OFF	OFF	OFF	0.0792	0.1018	0.1008	0.0977	OFF	0.1579	0.0673	OFF	0.0851	OFF	0.0993	0.0936
	08:00 AM	OFF	OFF	OFF	0.0762	0.0986	0.0977	0.0925	OFF	0.1556	0.0697	OFF	0.0876	OFF	0.1138	0.0916
	12:00 PM	OFF	OFF	OFF	0.0712	0.0943	0.0900	0.0851	0.2400	0.1500	0.0682	OFF	0.1212	OFF	0.1438	0.1407
	04:00 PM	OFF	OFF	OFF	0.0695	0.0940	0.0884	0.0814	0.2294	0.1478	0.0677	OFF	0.1086	OFF	0.1344	0.1231
	08:00 PM	OFF	OFF	OFF	0.0689	0.0933	0.0887	0.0808	0.2258	0.1483	0.0676	OFF	0.1036	OFF	0.1212	0.1172
	AVG	OFF	OFF	OFF	0.0749	0.0974	0.0948	0.0901	0.2309	0.1540	0.0666	OFF	0.1018	OFF	0.1199	0.1108
5/14/2020	12:00 AM	OFF	OFF	OFF	0.0700	0.0938	0.0888	0.0805	0.2223	0.1492	0.0678	OFF	0.1018	OFF	0.1182	0.1147
	04:00 AM	OFF	OFF	OFF	0.0691	OFF	0.0885	0.0763	0.2246	0.1493	0.0679	OFF	0.1013	OFF	0.1175	0.1131
	08:00 AM	OFF	OFF	OFF	0.0789	OFF	0.0881	0.0789	0.2161	0.1526	OFF	OFF	0.0999	OFF	0.1222	0.1427
	12:00 PM	OFF	OFF	OFF	0.0879	0.0926	0.0949	0.0783	0.2119	0.1577	0.1155	OFF	0.0997	OFF	0.1156	0.1270
	04:00 PM	OFF	OFF	OFF	0.1186	0.0905	0.0780	0.0710	0.2072	0.2109	0.0927	OFF	0.0908	OFF	0.1060	0.1077
	08:00 PM	OFF	OFF	OFF	0.1003	0.0907	0.0810	0.0693	0.2070	0.2107	0.0832	OFF	0.0960	OFF	0.1164	0.1024
	AVG	OFF	OFF	OFF	0.0882	0.0918	0.0867	0.0758	0.2148	0.1670	0.0828	OFF	0.0983	OFF	0.1160	0.1195

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
5/15/2020	12:00 AM	OFF	OFF	OFF	0.1009	0.0928	0.0858	0.0792	0.2119	0.1949	0.0853	OFF	0.0972	OFF	0.1097	0.1062
	04:00 AM	OFF	OFF	OFF	0.0945	0.0910	0.0840	0.0750	0.2071	0.1843	0.0786	OFF	0.0943	OFF	0.1058	0.1016
	08:00 AM	OFF	OFF	OFF	0.0847	0.0880	0.0795	0.0732	0.1987	0.1703	0.0738	OFF	0.0942	OFF	0.1002	0.0960
	12:00 PM	OFF	OFF	OFF	0.0770	0.0998	0.1082	0.0711	0.1920	0.1598	0.0695	OFF	0.0888	OFF	0.0943	0.0920
	04:00 PM	0.0384	OFF	OFF	0.0748	0.1223	0.1059	0.0701	0.1924	0.1593	0.0778	OFF	0.0853	OFF	0.0954	0.0919
	08:00 PM	0.0389	OFF	OFF	0.0755	0.1157	0.1038	OFF	0.1940	0.1615	0.0735	OFF	0.0838	OFF	0.0972	0.0927
	AVG	0.0388	OFF	OFF	0.0848	0.1012	0.0934	0.0745	0.1994	0.1717	0.0765	OFF	0.0911	OFF	0.1004	0.0967
5/16/2020	12:00 AM	0.0133	OFF	OFF	0.0774	0.1085	0.0990	OFF	0.1935	0.1601	0.0733	OFF	0.0846	OFF	0.0978	0.0922
	04:00 AM	0.0385	OFF	OFF	0.0704	0.0990	0.0851	0.1057	0.1846	0.1474	0.0665	OFF	0.0789	OFF	0.0979	0.0846
	08:00 AM	0.0378	OFF	OFF	0.0723	0.0960	0.0880	0.0931	0.1884	0.1514	0.0681	OFF	0.0843	OFF	0.0980	0.0872
	12:00 PM	0.0375	OFF	OFF	0.0772	0.0969	0.0860	0.0845	0.1865	0.1498	0.0684	OFF	0.0858	OFF	0.0981	0.0860
	04:00 PM	0.0378	OFF	OFF	0.0704	0.0971	0.0850	0.0804	0.1866	0.1502	0.0649	OFF	OFF	OFF	0.0982	0.1177
	08:00 PM	0.0375	OFF	OFF	0.0719	0.0969	0.0873	0.0836	0.1890	0.1526	0.0660	OFF	OFF	OFF	0.0983	0.1144
	AVG	0.0377	OFF	OFF	0.0732	0.0992	0.0885	0.0870	0.1881	0.1519	0.0679	OFF	0.0830	OFF	0.0984	0.0984
5/17/2020	12:00 AM	0.0372	OFF	0.0169	0.0710	0.0978	0.0863	0.0848	0.1890	0.1525	0.0689	OFF	OFF	OFF	0.1226	0.1103
	04:00 AM	0.0369	OFF	0.0171	0.0718	0.0973	0.0853	0.0828	0.1884	0.1513	0.0684	OFF	OFF	OFF	0.1175	0.1040
	08:00 AM	0.0366	OFF	0.0166	0.0709	0.0938	0.0814	0.0790	0.1857	0.1485	0.0637	OFF	OFF	OFF	0.1284	0.1003
	12:00 PM	0.0370	OFF	OFF	0.0729	0.0994	0.0793	0.0793	OFF	0.1492	0.0623	OFF	OFF	OFF	0.1128	0.1018
	04:00 PM	0.0375	OFF	OFF	OFF	0.1039	0.0815	0.0843	OFF	0.1520	0.0651	OFF	OFF	OFF	0.1165	0.1058
	08:00 PM	0.0392	OFF	OFF	0.0957	0.1024	0.0807	0.0810	0.2330	0.1515	0.0674	OFF	OFF	OFF	0.1110	0.1043
	AVG	0.0375	OFF	0.0169	0.0725	0.0992	0.0824	0.0819	0.1909	0.1508	0.0659	OFF	OFF	OFF	0.1182	0.1045
5/18/2020	12:00 AM	0.0395	OFF	OFF	0.1151	0.0980	0.0839	0.0821	0.2362	0.1543	0.0649	OFF	OFF	OFF	0.1124	0.1036
	04:00 AM	0.0391	OFF	OFF	0.1058	0.0998	0.0846	0.0824	0.2231	0.1542	0.0639	OFF	OFF	OFF	0.1119	0.1032
	08:00 AM	0.0381	OFF	OFF	0.0977	0.0976	0.0809	0.0824	0.2140	0.1507	0.0718	OFF	OFF	OFF	0.1086	0.0993
	12:00 PM	0.0350	OFF	OFF	0.0930	0.0975	0.0793	0.0819	0.2110	0.1480	0.1126	OFF	OFF	OFF	0.1023	0.1160
	04:00 PM	0.0313	OFF	OFF	0.0785	0.0933	0.0666	0.1473	0.1853	OFF	0.0912	OFF	OFF	OFF	0.0899	0.0861
	08:00 PM	0.0308	OFF	OFF	0.0748	0.0915	0.0655	0.1429	0.1827	OFF	0.0822	OFF	0.1620	OFF	0.0874	0.0821
	AVG	0.0358	OFF	OFF	0.0946	0.0963	0.0766	0.1028	0.2076	0.1523	0.0767	OFF	0.1620	OFF	0.1022	0.0987
5/19/2020	12:00 AM	0.0309	OFF	OFF	0.0748	0.0898	0.0656	0.1425	0.1825	OFF	0.0876	OFF	0.1458	OFF	0.0874	0.0796
	04:00 AM	0.0320	OFF	OFF	0.0797	0.0860	0.0690	0.1483	0.1878	OFF	0.0852	OFF	0.1356	OFF	0.0915	0.0775
	08:00 AM	0.0326	OFF	OFF	0.0805	0.1240	0.0709	0.1540	0.1905	0.1797	0.0911	OFF	0.1321	OFF	0.0914	0.0814
	12:00 PM	0.0324	OFF	OFF	0.0805	0.1782	0.1219	0.1537	0.1905	0.1556	0.0858	OFF	0.1253	OFF	0.0927	0.0883
	04:00 PM	OFF	OFF	OFF	0.0797	0.1234	0.1077	0.1525	0.1899	0.1578	0.0833	OFF	0.1425	OFF	0.0919	0.0869
	08:00 PM	OFF	OFF	OFF	0.0831	0.1138	0.1079	0.1590	0.1959	0.1616	0.0853	OFF	0.1368	OFF	0.0937	0.0869
	AVG	0.0319	OFF	OFF	0.0798	0.1136	0.0916	0.1517	0.1895	0.1622	0.0860	OFF	0.1364	OFF	0.0914	0.0827
5/20/2020	12:00 AM	OFF	OFF	OFF	0.0849	0.1153	0.1083	0.1642	0.1987	0.1691	0.0880	OFF	0.1270	OFF	0.0957	OFF
	04:00 AM	OFF	OFF	OFF	0.0827	0.1150	0.1014	0.1589	0.1955	0.1530	0.0848	OFF	0.1160	OFF	0.0950	OFF
	08:00 AM	OFF	OFF	OFF	0.0777	0.1080	0.0939	0.1726	0.1915	0.1469	0.0804	OFF	0.1134	OFF	0.0931	OFF
	12:00 PM	OFF	OFF	OFF	0.1394	0.1005	0.0855	0.2012	0.1886	0.1415	0.0748	OFF	0.1378	OFF	0.0868	OFF
	04:00 PM	OFF	OFF	OFF	0.1161	0.0999	0.0824	0.1858	OFF	0.1386	0.0741	OFF	0.1332	OFF	0.0882	0.1178
	08:00 PM	OFF	OFF	OFF	0.0968	0.1035	0.0822	0.1776	OFF	0.1392	0.0744	OFF	0.1127	OFF	0.0871	0.1076
	AVG	OFF	OFF	OFF	0.0957	0.1071	0.0924	0.1776	0.1947	0.1472	0.0794	OFF	0.1233	OFF	0.0910	0.1126
5/21/2020	12:00 AM	OFF	OFF	OFF	0.0946	0.1006	0.0842	0.1774	OFF	0.1384	0.0765	OFF	0.1125	OFF	0.0885	0.1050
	04:00 AM	OFF	OFF	OFF	0.0885	0.0961	0.0803	0.1697	OFF	0.1471	0.0726	OFF	0.1053	OFF	0.0864	0.0926
	08:00 AM	0.0423	OFF	OFF	0.0855	0.0931	0.0780	0.1678	0.2234	0.1460	0.0724	OFF	0.1064	OFF	0.0849	0.0894
	12:00 PM	0.0412	OFF	OFF	0.0832	0.0921	0.0751	0.1626	0.2108	0.1388	OFF	OFF	0.1328	OFF	OFF	0.0821
	04:00 PM	0.0384	OFF	OFF	0.0797	0.0916	0.0723	0.1559	0.1996	0.1426	0.1062	OFF	0.1292	OFF	OFF	0.0849
	08:00 PM	0.0379	OFF	OFF	0.0794	0.0884	0.0718	0.1522	0.1954	0.1353	0.1027	OFF	0.1240	OFF	OFF	0.0843
	AVG	0.0393	OFF	OFF	0.0852	0.0936	0.0770	0.1648	0.2042	0.1409	0.0835	OFF	0.1184	OFF	0.0869	0.0895

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
5/22/2020	12:00 AM	0.0379	OFF	OFF	0.0804	0.0940	0.0719	0.1512	0.1920	0.1438	0.0933	OFF	0.1420	OFF	OFF	0.0888
	04:00 AM	0.0385	OFF	OFF	0.0819	0.0926	0.0726	0.1500	0.1899	0.1436	0.0898	OFF	0.1403	OFF	OFF	0.0884
	08:00 AM	0.0377	OFF	OFF	0.0804	0.0916	0.0698	0.1466	0.1863	0.1366	0.0855	OFF	0.1416	OFF	0.1422	0.0866
	12:00 PM	0.0380	OFF	OFF	0.0770	OFF	OFF	0.1465	0.1879	0.1335	0.0851	OFF	OFF	OFF	0.1260	0.0868
	04:00 PM	0.0383	OFF	OFF	0.0784	OFF	OFF	0.1502	0.1914	0.1416	0.0880	OFF	OFF	OFF	0.1186	0.0865
	08:00 PM	0.0386	OFF	OFF	0.0796	OFF	OFF	0.1517	0.1917	0.1409	0.0854	OFF	OFF	OFF	0.1159	0.0881
	AVG	0.0382	OFF	OFF	0.0796	0.0928	0.0716	0.1493	0.1899	0.1397	0.0879	OFF	0.1412	OFF	0.1227	0.0875
5/23/2020	12:00 AM	0.0392	OFF	OFF	0.0825	OFF	OFF	0.1526	0.1929	0.1433	0.0876	OFF	OFF	OFF	0.1182	0.0911
	04:00 AM	0.0383	OFF	OFF	0.0804	0.0944	0.1597	0.1477	0.1886	0.1383	0.0847	OFF	OFF	OFF	0.1130	0.0889
	08:00 AM	0.0379	OFF	OFF	0.0794	0.1208	0.1192	0.1438	0.1875	0.1304	0.0827	OFF	OFF	OFF	0.1100	0.0859
	12:00 PM	0.0384	OFF	OFF	0.0790	0.1153	0.1060	0.1443	0.1858	0.1316	0.0823	OFF	OFF	OFF	0.1094	0.0846
	04:00 PM	0.0382	OFF	OFF	0.1549	0.1112	0.1012	0.1807	0.1862	0.1318	0.0827	OFF	OFF	OFF	0.1091	0.0855
	08:00 PM	0.0381	OFF	OFF	0.1216	0.1107	0.1001	OFF	0.1873	OFF	0.0851	OFF	OFF	OFF	0.1092	0.0849
	AVG	0.0383	OFF	OFF	0.0978	0.1142	0.1085	0.1485	0.1881	0.1353	0.0842	OFF	OFF	OFF	0.1115	0.0866
5/24/2020	12:00 AM	0.0393	OFF	OFF	0.1145	0.1130	0.1040	OFF	0.1909	OFF	0.0870	OFF	OFF	OFF	0.1128	0.0918
	04:00 AM	0.0398	OFF	OFF	0.1160	0.1145	0.1075	OFF	0.1930	OFF	0.0896	OFF	OFF	OFF	0.1225	0.0927
	08:00 AM	0.0391	OFF	OFF	0.1094	0.1111	0.1017	OFF	0.1890	OFF	0.0867	OFF	OFF	OFF	0.1124	0.0891
	12:00 PM	0.0370	OFF	OFF	0.0956	0.1033	0.0893	0.1422	0.1806	OFF	0.0794	OFF	OFF	OFF	0.1034	0.0849
	04:00 PM	0.0370	OFF	OFF	0.0934	0.1016	0.0883	0.1361	0.1825	0.1836	0.0792	OFF	OFF	OFF	0.1021	OFF
	08:00 PM	0.0365	OFF	OFF	0.0879	0.0986	0.0842	0.1220	0.1808	0.1656	0.0760	OFF	OFF	OFF	0.0982	OFF
	AVG	0.0381	OFF	OFF	0.1028	0.1072	0.0962	0.1324	0.1862	0.1694	0.0830	OFF	OFF	OFF	0.1087	0.0905
5/25/2020	12:00 AM	0.0377	OFF	OFF	0.0910	0.1005	0.0894	0.1284	0.1845	0.1667	0.0780	OFF	OFF	OFF	0.1032	OFF
	04:00 AM	0.0373	OFF	OFF	0.0896	0.1001	0.0871	0.1231	0.1831	0.1576	0.0784	OFF	OFF	OFF	0.1008	OFF
	08:00 AM	0.0615	OFF	OFF	0.0815	0.0950	0.0776	0.1124	0.1778	0.1478	0.0729	OFF	OFF	OFF	0.0939	OFF
	12:00 PM	0.0419	OFF	OFF	0.0785	0.0934	0.0740	0.1106	0.1766	0.1440	0.0713	OFF	OFF	OFF	0.0934	0.1309
	04:00 PM	OFF	OFF	OFF	0.0804	0.0941	0.0767	0.1110	OFF	0.1444	0.0732	OFF	OFF	OFF	0.0940	0.1178
	08:00 PM	OFF	OFF	OFF	0.0599	0.0829	0.0540	0.1030	0.1884	0.1164	0.0594	OFF	0.1479	OFF	0.0840	0.0726
	AVG	0.0464	OFF	OFF	0.0804	0.0943	0.0764	0.1141	0.1825	0.1465	0.0722	OFF	0.1479	OFF	0.0948	0.0987
5/26/2020	12:00 AM	OFF	OFF	OFF	0.0650	0.0848	0.0610	0.0986	0.1887	0.1330	0.0606	OFF	0.1487	OFF	0.0802	0.0837
	04:00 AM	OFF	OFF	OFF	0.0733	0.0887	0.0688	0.1033	0.1947	0.1445	0.0656	OFF	0.1514	OFF	0.0851	0.0889
	08:00 AM	OFF	OFF	OFF	0.0797	0.0914	0.0748	0.1023	0.1990	0.1493	0.0688	OFF	0.1470	OFF	0.0907	0.0900
	12:00 PM	OFF	OFF	OFF	0.1047	0.0936	0.1001	0.1215	0.2492	0.1690	0.2199	OFF	0.2076	OFF	0.0933	0.1249
	04:00 PM	OFF	OFF	OFF	0.1097	0.1650	0.0936	0.1381	0.2271	0.1510	0.1603	OFF	0.1734	OFF	0.1852	0.1123
	08:00 PM	OFF	OFF	OFF	0.0904	0.1432	0.0825	0.1121	0.2026	0.1399	0.1120	OFF	0.1459	OFF	0.1572	0.0955
	AVG	OFF	OFF	OFF	0.0874	0.1146	0.0805	0.1126	0.2116	0.1485	0.1114	OFF	0.1623	OFF	0.1129	0.0999
5/27/2020	12:00 AM	OFF	OFF	OFF	0.0893	0.1219	0.0756	0.1094	0.1930	0.1470	0.0995	OFF	0.1381	OFF	0.1331	0.0932
	04:00 AM	OFF	OFF	OFF	0.0869	0.1169	0.0738	0.1075	0.1893	0.1491	0.0946	OFF	0.1190	OFF	0.1254	0.0905
	08:00 AM	OFF	OFF	OFF	0.0872	0.1140	0.1109	0.1080	0.1900	0.1448	0.0946	OFF	0.1126	OFF	0.1250	0.0876
	12:00 PM	OFF	OFF	OFF	OFF	0.1145	0.1432	0.1066	0.1930	0.1325	0.0952	OFF	0.1228	OFF	0.1286	0.0887
	04:00 PM	OFF	OFF	OFF	OFF	0.1198	0.1409	0.1153	0.1981	0.1370	0.1005	OFF	0.1195	OFF	0.1294	0.1001
	08:00 PM	OFF	OFF	OFF	OFF	0.1183	0.1347	0.1102	0.1977	0.1395	0.1000	OFF	0.1386	OFF	0.1295	0.1012
	AVG	OFF	OFF	OFF	0.0879	0.1176	0.1148	0.1096	0.1936	0.1407	0.0974	OFF	0.1252	OFF	0.1285	0.0932
5/28/2020	12:00 AM	OFF	OFF	OFF	OFF	0.1231	0.1389	0.1138	0.2017	0.1542	0.1047	OFF	0.1318	OFF	0.1331	0.1037
	04:00 AM	OFF	OFF	OFF	OFF	0.1159	0.1241	0.1120	0.1951	0.1532	0.0965	OFF	0.1246	OFF	0.1237	0.0980
	08:00 AM	OFF	OFF	OFF	0.1751	0.1177	0.1317	0.1364	0.2027	0.1388	0.1018	OFF	0.1330	OFF	0.1297	0.0951
	12:00 PM	OFF	OFF	OFF	0.1371	0.1103	0.1170	OFF	0.1966	OFF	0.0948	OFF	0.1379	OFF	0.1180	0.0884
	04:00 PM	OFF	OFF	OFF	0.1147	0.1056	0.1047	0.1572	0.1883	0.2024	0.0860	OFF	0.1311	OFF	0.1199	0.0841
	08:00 PM	OFF	OFF	OFF	0.1178	0.1075	0.1087	0.1659	0.1900	0.1912	0.0882	OFF	0.1273	OFF	0.1130	OFF
	AVG	OFF	OFF	OFF	0.1299	0.1134	0.1213	0.1354	0.1958	0.1692	0.0955	OFF	0.1309	OFF	0.1230	0.0944

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
5/29/2020	12:00 AM	OFF	OFF	OFF	0.1133	0.1054	0.1049	0.1461	0.1887	0.1961	0.0877	OFF	0.1157	OFF	0.1115	OFF
	04:00 AM	OFF	OFF	OFF	0.1032	0.1002	0.0969	0.1342	0.1830	0.1887	0.0832	OFF	0.1144	OFF	0.1050	OFF
	08:00 AM	OFF	OFF	OFF	0.0882	0.0953	0.0823	0.1219	0.1740	0.1622	0.0747	OFF	0.1350	OFF	0.0964	OFF
	12:00 PM	OFF	OFF	OFF	0.0909	0.1019	0.0862	0.1543	0.2135	0.1484	0.0778	OFF	0.1413	OFF	0.0993	OFF
	04:00 PM	OFF	OFF	OFF	0.0868	0.1318	0.0836	0.1696	0.2348	0.1465	0.0304	OFF	OFF	OFF	0.0979	OFF
	08:00 PM	OFF	OFF	OFF	0.0815	0.1209	0.0788	0.1627	0.2108	0.1428	0.0260	OFF	OFF	OFF	0.0935	OFF
	AVG	OFF	OFF	OFF	0.0940	0.1089	0.0889	0.1460	0.2007	0.1609	0.0811	OFF	0.1240	OFF	0.1006	OFF
5/30/2020	12:00 AM	OFF	OFF	OFF	0.0820	0.1105	0.0809	0.1489	0.2095	0.1542	OFF	OFF	OFF	OFF	0.0946	OFF
	04:00 AM	OFF	OFF	OFF	0.0851	0.1108	0.0826	0.1624	0.2082	0.1412	OFF	OFF	OFF	OFF	0.0983	OFF
	08:00 AM	OFF	OFF	OFF	0.0917	0.1157	0.0892	0.1685	0.2206	0.1445	0.0805	OFF	OFF	OFF	0.1000	OFF
	12:00 PM	OFF	OFF	OFF	0.0757	0.1021	0.0736	0.1535	0.1925	0.1267	0.0710	OFF	OFF	OFF	0.0998	OFF
	04:00 PM	OFF	OFF	OFF	0.0724	0.0961	0.0717	0.1530	0.1914	0.1272	0.0692	OFF	0.1716	OFF	0.1262	0.1226
	08:00 PM	OFF	OFF	OFF	0.0736	0.0970	0.0739	0.1504	0.1946	0.1316	OFF	OFF	0.1791	OFF	OFF	0.1184
	AVG	OFF	OFF	OFF	0.0803	0.1055	0.0786	0.1559	0.2034	0.1368	0.0748	OFF	0.1755	OFF	0.0998	0.1203
5/31/2020	12:00 AM	OFF	OFF	OFF	0.0735	0.0974	0.0746	0.1520	0.1944	0.1396	OFF	OFF	0.1735	OFF	OFF	0.1145
	04:00 AM	OFF	OFF	OFF	0.0784	0.1020	0.0794	0.1600	0.2025	0.1425	OFF	OFF	0.1790	OFF	OFF	0.1211
	08:00 AM	OFF	OFF	OFF	0.0829	0.1038	0.0835	0.1716	0.2085	0.1477	0.1157	OFF	0.1856	OFF	OFF	0.1240
	12:00 PM	0.0473	OFF	OFF	0.1280	0.1025	0.1382	0.1699	0.2103	0.1484	0.1192	OFF	0.1935	OFF	OFF	0.1224
	04:00 PM	0.0489	OFF	OFF	0.1300	0.1034	0.1331	0.1730	0.2156	0.1507	0.1181	OFF	0.2006	OFF	0.1620	0.1287
	08:00 PM	0.0498	OFF	OFF	0.1282	0.1034	0.1314	0.1780	0.2169	0.1581	0.1202	OFF	0.1913	OFF	0.1545	0.1344
	AVG	0.0487	OFF	OFF	0.1027	0.1021	0.1057	0.1682	0.2085	0.1477	0.1190	OFF	0.1873	OFF	0.1582	0.1244

JH Fewell (TF081) UV Compliance

System ID 250008-01

Month Of May 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 (%)			
5/1/2020	14.1	14097145	2.5	18	85	OFFLINE			1.0	15	75	24.0	19	87			
5/2/2020	27.4	27431416	7.4	23	85				19.0	15	75	24.0	19	87			
5/3/2020	23.2	23207460	24.0	22	85				OFFLINE			10.6	16	87			
5/4/2020	24.2	24183893	24.0	21	85				7.9	15	75	12.5	16	87			
5/5/2020	25.5	25507043	24.0	17	85	8.8	26	85	OFFLINE			OFFLINE					
5/6/2020	24.7	24663820	OFFLINE			24.0	23	85	OFFLINE			11.4	25	87			
5/7/2020	28.0	27962993				24.0	25	85	5.7	17	75	24.0	25	87			
5/8/2020	23.6	23623707				24.0	25	85	OFFLINE			24.0	25	87			
5/9/2020	22.9	22860236				24.0	25	85				24.0	25	87			
5/10/2020	22.8	22771462				24.0	25	85				OFFLINE			24.0	27	87
5/11/2020	22.8	22847596				24.0	25	85				24.0	27	87			
5/12/2020	23.9	23932063				24.0	25	85	24.0	27	87						
5/13/2020	22.7	22734509				8.9	26	85	10.9	27	75	24.0	29	87			
5/14/2020	21.5	21495381				7.0	29	85	OFFLINE			7.7	27	75	23.9	26	87
5/15/2020	22.5	22549945				24	28	85				24.0	26	87			
5/16/2020	22.7	22735893	24	24	85	24.0	25	87									
5/17/2020	21.2	21181690	24	29	85	OFFLINE						13.7	27	87			
5/18/2020	24.7	24687076	20.2	27	85	24.0	26	87									
5/19/2020	20.6	20596263	24	31	85	17.2	26	87									
5/20/2020	14.3	14307295	9.4	28	85	9.4	23	75				24	24	87			
5/21/2020	15.8	15820266	OFFLINE			24	24	75				24	24	87			
5/22/2020	16.1	16087159				24.0	25	75				24	23	87			
5/23/2020	15.9	15888238				24.0	24	75				24	28	87			
5/24/2020	16.1	16083061				24.0	28	75	24	27	87						
5/25/2020	15.2	15237583				24.0	24	75	21.2	27	87						
5/26/2020	16.1	16055475				24.0	23	75	24	28	87						
5/27/2020	14.8	14812601				23.8	27	75	20.2	26	87						
5/28/2020	13.6	13577088				16.7	26	75	24	27	87						
5/29/2020	13.5	13452496				15.8	28	75	24	27	87						
5/30/2020	15.9	15938189				24.0	28	75	24.0	27	87						
5/31/2020	15.8	15784355	24.0	23	75	24.0	28	87									

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

System ID **250008-02**
Month of **May 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. 98.9%

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	1.7	7	2.4	13	2.5	19	2.5	25	2.4
2	2.1	8	2.2	14	2.5	20	2.5	26	2.4
3	2.1	9	2.2	15	2.3	21	2.4	27	2.2
4	2.2	10	2.3	16	2.5	22	2.3	28	1.5
5	2.4	11	2.2	17	2.4	23	2.4	29	2.5
6	2.4	12	2.0	18	2.5	24	2.5	30	2.4
								31	2.2

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. 5/31/2020

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

System ID
Month of

250008-02
May 2020

May 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTERS	FINISHED
5/1	33.6312	7.6800	0.2995	0.2712
5/2	29.7900	1.8400	0.2560	0.4420
5/3	27.5187	1.5900	0.1726	0.2381
5/4	26.9250	1.7125	0.1743	0.1238
5/5	25.6938	1.6100	0.1756	0.1125
5/6	27.4938	1.2644	0.1759	0.1206
5/7	25.6312	1.5850	0.1727	0.1675
5/8	23.3813	2.2000	0.1702	0.1937
5/9	23.8750	1.5425	0.1698	0.2600
5/10	21.1125	1.4950	0.0788	0.1375
5/11	19.1800	1.5200	0.1653	0.1400
5/12	20.1063	2.5500	0.1689	0.2869
5/13	23.9125	1.8525	0.0996	0.2044
5/14	17.5938	1.5975	0.1565	0.1456
5/15	18.8562	1.5094	0.1310	0.1756
5/16	17.1250	1.3950	0.1559	0.1475
5/17	17.7563	1.2900	0.0942	0.1362
5/18	18.4188	1.3813	0.1681	0.1544
5/19	16.5125	1.1719	0.1818	0.1669
5/20	16.7500	1.2881	0.2245	0.1619
5/21	14.6062	1.3325	0.1580	0.1425
5/22	18.7062	1.1456	0.0971	0.1394
5/23	17.2250	1.1850	0.0810	0.1300
5/24	28.8875	3.0400	0.1110	0.1194
5/25	16.9813	2.7200	0.1064	0.4744
5/26	16.6625	0.9988	0.1152	0.1269
5/27	18.2938	1.2700	0.2634	0.1700
5/28	18.8625	1.1100	0.2282	0.2519
5/29	18.3438	1.2000	0.1454	0.1312
5/30	17.6437	1.4519	0.1578	0.1469
5/31	17.0100	0.8194	0.1253	0.2094
MIN	14.6062	0.8194	0.0788	0.1125
MAX	33.6312	7.6800	0.2995	0.4744
AVG	21.1125	1.7532	0.1606	0.1499

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

System ID
 Month of

250008-02
 May 2020

May 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
5/1	0.1631	0.2156	0.2400	0.2712	0.2600	0.2206
5/2	OFF	OFF	OFF	OFF	0.4420	0.3288
5/3	0.2381	0.1912	0.1594	0.1594	0.1319	0.1281
5/4	0.1238	0.1187	0.1137	0.1137	0.1112	0.1112
5/5	0.1125	0.1106	0.1106	0.1119	0.1088	0.1088
5/6	0.1106	0.1119	0.1150	0.1169	0.1187	0.1206
5/7	0.1262	0.1319	0.1287	0.1456	0.1575	0.1675
5/8	0.1644	0.1525	0.1475	0.1500	0.1538	0.1937
5/9	0.2600	0.1594	0.1400	0.1338	0.1269	0.1306
5/10	0.1275	0.1338	0.1238	0.1219	0.1306	0.1375
5/11	0.1400	0.1388	0.1300	0.1306	0.1319	0.1312
5/12	OFF	OFF	0.2600	0.2869	0.2581	0.2069
5/13	0.1781	0.1488	0.2044	0.1325	0.1331	0.1356
5/14	0.1381	0.1444	0.1375	0.1362	0.1456	0.1456
5/15	0.1550	0.1756	0.1612	0.1456	0.1437	0.1456
5/16	0.1475	0.1394	0.1312	0.1325	0.1312	0.1300
5/17	0.1338	0.1362	0.1312	0.1281	0.1256	0.1306
5/18	0.1306	0.1256	0.1256	0.1269	0.1475	0.1544
5/19	0.1631	0.1669	0.1594	0.1500	0.1488	0.1450
5/20	0.1556	0.1619	0.1619	0.1456	0.1388	0.1369
5/21	0.1419	0.1406	0.1375	0.1344	0.1425	0.1425
5/22	0.1394	0.1312	0.1262	0.1225	0.1213	0.1256
5/23	0.1300	0.1287	0.1269	0.1256	0.1238	0.1225
5/24	0.1194	0.1194	0.1175	0.1169	0.1156	0.1187
5/25	OFF	OFF	0.4010	0.2738	0.1644	0.1294
5/26	0.1269	0.1269	0.1262	0.1219	0.1156	0.1156
5/27	0.1156	0.1156	0.1156	0.1156	0.1700	0.1594
5/28	0.1656	0.1781	0.2519	0.1544	0.1437	0.1306
5/29	0.1312	0.1250	0.1206	0.1169	0.1106	0.1150
5/30	0.1269	0.1300	0.1406	0.1425	0.1412	0.1469
5/31	0.1750	0.1856	0.1756	0.2094	0.1475	0.1500
MIN	0.1106	0.1106	0.1106	0.1119	0.1088	0.1088
MAX	0.2600	0.2156	0.4010	0.2869	0.4420	0.3288
AVG	0.1479	0.1444	0.1574	0.1491	0.1530	0.1473

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

System ID
 Month of

250008-02
 May 2020

May 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
5/1	1.7	2.2	1.9	2.4	2.7	3.8
5/2	OFF	OFF	OFF	OFF	2.1	2.1
5/3	2.4	2.8	2.5	2.6	2.3	2.1
5/4	2.2	2.3	2.4	2.5	2.7	2.4
5/5	2.5	2.7	2.4	2.4	3.1	3.1
5/6	2.5	2.5	2.4	2.8	2.6	2.4
5/7	2.8	3.7	2.7	2.8	2.6	2.4
5/8	2.7	3.5	3.3	2.2	2.4	3.3
5/9	2.9	2.2	2.8	2.4	2.5	2.6
5/10	2.5	2.3	2.3	2.4	2.3	3.0
5/11	2.2	2.3	2.4	3.0	2.4	2.3
5/12	OFF	OFF	2.3	2.0	2.3	2.4
5/13	2.9	2.8	3.6	2.5	3.0	2.7
5/14	2.7	3.7	3.7	2.6	3.6	2.5
5/15	2.6	2.6	2.9	3.6	3.4	2.3
5/16	2.5	3.2	3.4	3.5	2.8	3.3
5/17	2.4	2.6	3.3	2.5	2.5	2.7
5/18	2.5	2.6	3.3	3.3	2.7	3.5
5/19	2.5	3.1	2.7	3.6	2.5	3.5
5/20	2.6	2.5	2.6	3.4	3.4	3.0
5/21	3.1	2.8	2.6	2.8	2.5	2.4
5/22	2.6	2.7	2.5	2.6	2.3	2.6
5/23	2.6	2.4	2.9	2.4	2.7	3.3
5/24	2.9	2.5	3.5	2.6	3.3	3.4
5/25	OFF	OFF	2.4	2.5	3.0	2.7
5/26	2.4	2.7	2.4	2.5	2.7	2.6
5/27	2.6	2.4	2.2	2.2	2.3	2.9
5/28	2.7	1.5	1.5	1.6	2.1	3.4
5/29	2.9	3.0	2.6	3.3	3.0	2.5
5/30	2.6	3.1	2.4	2.4	2.6	2.5
5/31	3.1	2.2	2.4	2.9	2.4	2.6
MIN	1.7	1.5	1.5	1.6	2.1	2.1
MAX	3.1	3.7	3.7	3.6	3.6	3.8
AVG	2.6	2.7	2.7	2.7	2.7	2.8

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
05/01/20	12:00 AM	OFF	OFF	0.2695	0.1360	OFF	0.1200
	4:00 AM	OFF	OFF	0.2704	0.2995	OFF	0.1860
	8:00 AM	OFF	OFF	0.0878	0.0994	OFF	0.1164
	12:00 PM	OFF	OFF	0.2367	0.2971	OFF	0.1910
	4:00 PM	OFF	OFF	0.1538	0.1979	OFF	0.1966
	8:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	0.2036	0.2060	OFF	0.1620
05/02/20	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	0.1890	OFF	0.1790	0.1840	OFF	0.1980
	8:00 PM	0.2560	OFF	0.1750	0.2030	OFF	0.2200
	AVG	0.2225	OFF	0.1770	0.1935	OFF	0.2090
05/03/20	12:00 AM	0.0541	OFF	0.0575	0.0697	OFF	0.0954
	4:00 AM	0.0858	OFF	0.0528	0.0638	OFF	0.0887
	8:00 AM	0.0575	OFF	0.0628	0.0619	OFF	0.0605
	12:00 PM	0.0474	OFF	0.1291	0.0621	OFF	0.0617
	4:00 PM	0.0448	OFF	0.0534	0.0618	OFF	0.0609
	8:00 PM	0.0455	OFF	0.0536	0.0651	OFF	0.0624
	AVG	0.0559	OFF	0.0682	0.0641	OFF	0.0716
05/04/20	12:00 AM	0.0408	OFF	0.0501	0.0620	OFF	0.0580
	4:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 AM	0.0377	OFF	0.0485	0.0592	OFF	0.0593
	12:00 PM	0.0380	OFF	0.0489	0.0597	OFF	0.0602
	4:00 PM	0.0399	OFF	0.0504	0.0609	OFF	0.0594
	8:00 PM	0.0410	OFF	0.0506	0.0604	OFF	0.0587
	AVG	0.0395	OFF	0.0497	0.0604	OFF	0.0591
05/05/20	12:00 AM	0.0406	OFF	0.0491	0.0590	OFF	0.0553
	4:00 AM	0.0402	OFF	0.0463	0.0564	OFF	0.0522
	8:00 AM	0.0434	OFF	0.0468	0.0572	OFF	0.0556
	12:00 PM	0.0451	OFF	0.0469	0.0570	OFF	0.0558
	4:00 PM	0.0459	OFF	0.0459	0.0559	OFF	0.0548
	8:00 PM	0.0581	OFF	0.0460	0.0560	OFF	0.0552
	AVG	0.0456	OFF	0.0468	0.0569	OFF	0.0548
05/06/20	12:00 AM	0.0617	OFF	0.0457	0.0562	OFF	0.0535
	4:00 AM	0.0713	OFF	0.0461	0.0567	OFF	0.0544
	8:00 AM	0.0813	OFF	0.0473	0.0580	OFF	0.0570
	12:00 PM	0.0849	OFF	0.0481	0.0590	OFF	0.0581
	4:00 PM	0.0993	OFF	0.0494	0.0598	OFF	0.0595
	8:00 PM	0.0975	OFF	0.0505	0.0616	OFF	0.0615
	AVG	0.0827	OFF	0.0478	0.0586	OFF	0.0573
05/07/20	12:00 AM	0.0939	OFF	0.0518	0.0632	OFF	0.0619
	4:00 AM	0.1899	OFF	0.0624	0.0718	OFF	0.0790
	8:00 AM	0.2439	OFF	0.0762	0.0822	OFF	0.0967
	12:00 PM	0.2071	OFF	0.0680	0.0770	OFF	0.0858
	4:00 PM	0.1785	OFF	0.0672	0.0742	OFF	0.0813
	8:00 PM	0.1388	OFF	0.0641	0.0736	OFF	0.0805
	AVG	0.1753	OFF	0.0650	0.0737	OFF	0.0809
05/08/20	12:00 AM	0.1243	OFF	0.0626	0.0748	OFF	0.0751
	4:00 AM	OFF	OFF	0.0631	0.0748	OFF	0.0776
	8:00 AM	0.1374	OFF	0.0658	0.0782	OFF	0.0835
	12:00 PM	0.1627	OFF	0.0920	0.0961	OFF	0.1204
	4:00 PM	0.2553	OFF	0.1245	0.1201	OFF	0.1575
	8:00 PM	0.0807	OFF	0.0694	0.0819	OFF	0.1302
	AVG	0.1521	OFF	0.0796	0.0876	OFF	0.1074

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
05/09/20	12:00 AM	0.0512	OFF	0.0613	0.1047	OFF	0.0718
	4:00 AM	0.0503	OFF	0.0596	0.0952	OFF	0.0677
	8:00 AM	0.0456	OFF	0.0564	0.0673	OFF	0.0621
	12:00 PM	0.0458	OFF	0.0556	0.0670	OFF	0.0622
	4:00 PM	0.0493	OFF	0.0565	0.0680	OFF	0.0656
	8:00 PM	0.0950	OFF	OFF	0.1310	OFF	0.1320
	AVG	0.0562	OFF	0.0579	0.0889	OFF	0.0769
05/10/20	12:00 AM	0.0504	OFF	0.0575	0.0666	OFF	0.0613
	4:00 AM	0.0649	OFF	0.0525	0.0660	OFF	0.0625
	8:00 AM	0.0649	OFF	0.0528	0.0660	OFF	0.0625
	12:00 PM	0.0719	OFF	0.0564	0.0696	OFF	0.0672
	4:00 PM	0.0788	OFF	0.0584	0.0710	OFF	0.0692
	8:00 PM	OFF	OFF	0.0588	0.0721	OFF	0.0714
	AVG	0.0688	OFF	0.0561	0.0686	OFF	0.0657
05/11/20	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 AM	0.0516	OFF	0.0621	0.0753	OFF	0.0738
	8:00 AM	0.0524	OFF	0.0636	0.0764	OFF	0.0741
	12:00 PM	0.0539	OFF	0.0660	0.0789	OFF	0.0767
	4:00 PM	0.0560	OFF	0.0686	0.0816	OFF	0.0803
	8:00 PM	0.1653	OFF	0.1205	0.1391	OFF	0.1431
	AVG	0.0714	OFF	0.0730	0.0868	OFF	0.0854
05/12/20	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 AM	0.1689	OFF	0.1305	0.1343	OFF	0.1389
	12:00 PM	0.0670	OFF	0.0731	0.0832	OFF	0.0836
	4:00 PM	0.0657	OFF	0.0700	0.0812	OFF	0.0861
	8:00 PM	0.0644	OFF	0.0671	0.0787	OFF	0.0834
	AVG	0.1790	OFF	0.1127	0.1149	OFF	0.1430
05/13/20	12:00 AM	0.0672	OFF	0.0656	0.0777	OFF	0.0862
	4:00 AM	0.0692	OFF	0.0647	0.0774	OFF	0.0915
	8:00 AM	0.0741	OFF	0.0657	0.0786	OFF	0.0971
	12:00 PM	0.0729	OFF	0.0643	0.0774	OFF	0.0953
	4:00 PM	0.0826	OFF	0.0627	0.0753	OFF	0.0957
	8:00 PM	0.0996	OFF	0.0613	0.0737	OFF	0.0900
	AVG	0.0776	OFF	0.0640	0.0767	OFF	0.0927
05/14/20	12:00 AM	0.1043	OFF	0.0609	0.0735	OFF	0.0887
	4:00 AM	0.1117	OFF	0.0620	0.0744	OFF	0.0940
	8:00 AM	0.1239	OFF	0.0635	0.0761	OFF	0.0990
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	0.1565	OFF	0.0683	0.0803	OFF	0.1107
	8:00 PM	0.1156	OFF	0.0840	0.0958	OFF	0.1320
	AVG	0.1236	OFF	0.0673	0.0797	OFF	0.1048
05/15/20	12:00 AM	0.0513	OFF	0.0704	0.0826	OFF	0.1041
	4:00 AM	0.0535	OFF	0.0766	0.0891	OFF	0.1225
	8:00 AM	0.0505	OFF	0.0941	0.1084	OFF	0.1310
	12:00 PM	0.0537	OFF	0.0877	0.0981	OFF	0.1020
	4:00 PM	OFF	OFF	0.0748	0.0877	OFF	OFF
	8:00 PM	0.0473	OFF	0.0770	0.0898	OFF	0.0661
	AVG	0.0505	OFF	0.0801	0.0926	OFF	0.0995
05/16/20	12:00 AM	0.0470	OFF	0.0798	0.0931	OFF	0.0699
	4:00 AM	0.0463	OFF	0.0814	0.0963	OFF	0.0728
	8:00 AM	0.0478	OFF	0.0823	0.0974	OFF	0.0752
	12:00 PM	0.0507	OFF	0.0837	0.0985	OFF	0.0776
	4:00 PM	0.0501	OFF	0.0823	0.1559	OFF	0.0721
	8:00 PM	0.0494	OFF	0.0782	0.0862	OFF	0.0753
	AVG	0.0485	OFF	0.0813	0.1046	OFF	0.0738

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
05/17/20	12:00 AM	0.0494	OFF	0.0782	0.0862	OFF	0.0753
	4:00 AM	OFF	OFF	0.0942	0.0823	OFF	0.0795
	8:00 AM	0.0559	OFF	0.0655	0.0802	OFF	0.0767
	12:00 PM	0.0617	OFF	0.0616	0.0810	OFF	0.0773
	4:00 PM	0.0640	OFF	0.0605	0.0807	OFF	0.0755
	8:00 PM	0.0631	OFF	0.0570	0.0764	OFF	0.0704
	AVG	0.0588	OFF	0.0695	0.0811	OFF	0.0758
05/18/20	12:00 AM	0.0665	OFF	0.0560	0.0742	OFF	0.0663
	4:00 AM	0.0747	OFF	0.0589	0.0765	OFF	0.0700
	8:00 AM	0.0988	OFF	0.0639	0.0823	OFF	0.0763
	12:00 PM	0.1146	OFF	0.0744	0.0933	OFF	0.0892
	4:00 PM	0.1681	OFF	0.0886	0.1086	OFF	0.1051
	8:00 PM	0.1355	OFF	0.0813	0.1008	OFF	0.0975
	AVG	0.1097	OFF	0.0705	0.0893	OFF	0.0841
05/19/20	12:00 AM	0.1288	OFF	0.0685	0.0876	OFF	0.0823
	4:00 AM	0.1283	OFF	0.0643	0.0830	OFF	0.0797
	8:00 AM	0.1220	OFF	0.0650	0.0842	OFF	0.0819
	12:00 PM	0.1336	OFF	0.0607	0.0800	OFF	0.0766
	4:00 PM	0.1426	OFF	0.0600	0.0790	OFF	0.0776
	8:00 PM	0.1818	OFF	0.0645	0.0840	OFF	0.0842
	AVG	0.1395	OFF	0.0638	0.0830	OFF	0.0804
05/20/20	12:00 AM	0.2245	OFF	0.0692	0.0888	OFF	0.0854
	4:00 AM	0.0747	OFF	0.0706	0.0907	OFF	0.0884
	8:00 AM	0.0746	OFF	0.0763	0.0972	OFF	0.0958
	12:00 PM	0.0678	OFF	0.0757	0.0968	OFF	OFF
	4:00 PM	0.0589	OFF	0.0721	0.0930	OFF	0.0897
	8:00 PM	0.0653	OFF	0.0767	0.0973	OFF	0.0944
	AVG	0.0943	OFF	0.0734	0.0940	OFF	0.0907
05/21/20	12:00 AM	0.0539	OFF	0.0699	0.0902	OFF	0.0854
	4:00 AM	0.0448	OFF	0.0642	0.0842	OFF	0.0789
	8:00 AM	0.0532	OFF	0.0639	0.0829	OFF	0.1263
	12:00 PM	0.0573	OFF	0.1364	0.1580	OFF	0.0780
	4:00 PM	0.0886	OFF	0.0840	0.0939	OFF	0.0771
	8:00 PM	0.0556	OFF	0.0681	0.0870	OFF	0.0765
	AVG	0.0589	OFF	0.0811	0.0994	OFF	0.0870
05/22/20	12:00 AM	0.0417	OFF	0.0654	0.0861	OFF	0.0755
	4:00 AM	0.0422	OFF	0.0649	0.0855	OFF	0.0756
	8:00 AM	0.0425	OFF	0.0650	0.0849	OFF	0.0762
	12:00 PM	0.0434	OFF	0.0661	0.0861	OFF	0.0766
	4:00 PM	0.0553	OFF	0.0770	0.0971	OFF	0.0909
	8:00 PM	0.0466	OFF	0.0676	0.0865	OFF	0.0796
	AVG	0.0453	OFF	0.0677	0.0877	OFF	0.0791
05/23/20	12:00 AM	0.0436	OFF	0.0624	0.0810	OFF	0.0713
	4:00 AM	0.0445	OFF	0.0611	0.0798	OFF	0.0688
	8:00 AM	0.0412	OFF	0.0590	0.0780	OFF	0.0662
	12:00 PM	0.0382	OFF	0.0584	0.0782	OFF	0.0676
	4:00 PM	0.0400	OFF	0.0591	0.0788	OFF	0.0675
	8:00 PM	0.0439	OFF	0.0600	0.0794	OFF	0.0707
	AVG	0.0419	OFF	0.0600	0.0792	OFF	0.0687
05/24/20	12:00 AM	0.0426	OFF	0.0566	0.0754	OFF	0.0636
	4:00 AM	0.0447	OFF	0.0557	0.0744	OFF	0.0637
	8:00 AM	0.0462	OFF	0.0567	0.0755	OFF	0.0683
	12:00 PM	0.0509	OFF	0.0594	0.0789	OFF	0.0749
	4:00 PM	0.0512	OFF	0.0603	0.0808	OFF	0.0767
	8:00 PM	0.1030	OFF	0.0980	0.0930	OFF	0.1110
	AVG	0.0564	OFF	0.0645	0.0797	OFF	0.0764

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
05/25/20	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 AM	0.0394	OFF	0.0643	0.0830	OFF	0.0759
	12:00 PM	0.0443	OFF	0.0661	0.0859	OFF	0.0799
	4:00 PM	0.0527	OFF	0.0692	0.0891	OFF	0.0847
	8:00 PM	0.0662	OFF	0.0734	0.0925	OFF	0.0906
	AVG	0.0507	OFF	0.0682	0.0876	OFF	0.0828
05/26/20	12:00 AM	0.0630	OFF	0.0659	0.0856	OFF	0.0780
	4:00 AM	0.0640	OFF	0.0629	0.0829	OFF	0.0792
	8:00 AM	0.0718	OFF	0.0643	0.0846	OFF	0.0821
	12:00 PM	0.0775	OFF	0.0655	0.0856	OFF	0.0834
	4:00 PM	0.0897	OFF	0.0670	0.0875	OFF	0.0884
	8:00 PM	0.1036	OFF	0.0678	0.0877	OFF	0.0861
	AVG	0.0783	OFF	0.0656	0.0857	OFF	0.0828
05/27/20	12:00 AM	0.1245	OFF	0.0682	0.0875	OFF	0.0824
	4:00 AM	0.1402	OFF	0.0694	0.0879	OFF	0.0849
	8:00 AM	0.1486	OFF	0.0901	0.0997	OFF	0.1277
	12:00 PM	0.1339	OFF	0.0799	0.1313	OFF	0.0801
	4:00 PM	0.1335	OFF	0.0744	0.0891	OFF	0.0812
	8:00 PM	0.1597	OFF	0.0751	0.0824	OFF	0.0783
	AVG	0.1401	OFF	0.0762	0.0963	OFF	0.0891
05/28/20	12:00 AM	0.2282	OFF	0.1640	0.0811	OFF	0.0679
	4:00 AM	0.1540	OFF	0.0710	0.0821	OFF	0.0709
	8:00 AM	0.1589	OFF	0.0716	0.0865	OFF	0.0773
	12:00 PM	0.0541	OFF	0.0683	0.0824	OFF	0.0735
	4:00 PM	0.0481	OFF	0.0685	0.0831	OFF	0.0767
	8:00 PM	0.0451	OFF	0.0675	0.0823	OFF	0.0794
	AVG	0.1147	OFF	0.0851	0.0829	OFF	0.0743
05/29/20	12:00 AM	0.0409	OFF	0.0647	0.0792	OFF	0.0665
	4:00 AM	0.0390	OFF	0.0626	0.0780	OFF	0.0673
	8:00 AM	0.0407	OFF	0.0652	0.0808	OFF	0.0732
	12:00 PM	0.0428	OFF	0.0668	0.0825	OFF	0.0767
	4:00 PM	0.0436	OFF	0.0681	0.0846	OFF	0.0788
	8:00 PM	0.0485	OFF	0.0694	0.0858	OFF	0.0851
	AVG	0.0426	OFF	0.0661	0.0818	OFF	0.0746
05/30/20	12:00 AM	0.0703	OFF	0.0892	0.1051	OFF	0.0942
	4:00 AM	0.0765	OFF	0.0973	0.1138	OFF	0.1058
	8:00 AM	0.0663	OFF	0.0860	0.1051	OFF	0.1008
	12:00 PM	0.0762	OFF	0.0895	0.1074	OFF	0.1085
	4:00 PM	0.1142	OFF	0.1140	0.1294	OFF	0.1310
	8:00 PM	0.1254	OFF	0.1166	0.1314	OFF	0.1311
	AVG	0.0881	OFF	0.0988	0.1153	OFF	0.1119
05/31/20	12:00 AM	0.1254	OFF	0.1166	0.1314	OFF	0.1311
	4:00 AM	0.1028	OFF	0.1040	0.1187	OFF	0.1175
	8:00 AM	0.0517	OFF	0.0750	0.0900	OFF	0.0899
	12:00 PM	0.0786	OFF	0.0885	0.1158	OFF	0.1235
	4:00 PM	0.0803	OFF	0.0907	0.1193	OFF	0.1279
	8:00 PM	0.0886	OFF	0.0969	0.1307	OFF	0.1406
	AVG	0.0879	OFF	0.0953	0.1177	OFF	0.1218

OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month Of May 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 (%)	
5/1/2020	OFFLINE					OFFLINE	16.3	1488333	1025	1.5	89	16.3	1488333	1025	1.5	89
5/2/2020	9.4	795866	20	0.8	85		10.5	839104	1862	0.8	89	10.5	839104	1862	0.8	89
5/3/2020	22.4	2015683	39	2.0	85		22.7	1849194	176	1.8	89	22.7	1849194	176	1.8	89
5/4/2020	24.0	2230093	41	2.2	85		24.0	2048405	40	2.0	89	24.0	2048405	40	2.0	89
5/5/2020	24.0	2394047	40	2.4	85		24.0	2207612	39	2.2	89	24.0	2207612	39	2.2	89
5/6/2020	24.0	2380827	40	2.4	85		24.0	2189871	39	2.2	89	24.0	2189871	39	2.2	89
5/7/2020	24.0	2232853	40	2.2	85		24.0	2045165	39	2.0	89	24.0	2045165	39	2.0	89
5/8/2020	22.8	1981058	41	2.0	85		23.7	1910088	64	1.9	89	23.7	1910088	64	1.9	89
5/9/2020	24.0	2143267	42	2.1	85		22.5	1865576	209	1.9	89	22.5	1865576	209	1.9	89
5/10/2020	22.3	2070423	38	2.1	85		24.0	2033898	40	2.0	89	24.0	2033898	40	2.0	89
5/11/2020	20.7	1875351	37	1.9	85		21.8	1726984	302	1.7	89	21.8	1726984	302	1.7	89
5/12/2020	16.4	1461821	33	1.5	85		18.1	1444042	842	1.4	89	18.1	1444042	842	1.4	89
5/13/2020	24.0	2479803	35	2.5	85		24.0	2286683	34	2.3	89	24.0	2286683	34	2.3	89
5/14/2020	23.8	2484865	36	2.5	85		23.8	2289149	35	2.3	89	23.8	2289149	35	2.3	89
5/15/2020	23.1	2245575	38	2.2	85		24.0	2158677	48	2.2	89	24.0	2158677	48	2.2	89
5/16/2020	24.0	2146851	41	2.1	85		24.0	1961494	40	2.0	89	24.0	1961494	40	2.0	89
5/17/2020	24.0	2195203	40	2.2	85		21.4	1852263	365	1.9	89	21.4	1852263	365	1.9	89
5/18/2020	24.0	2511114	36	2.5	85		24.0	2319469	35	2.3	89	24.0	2319469	35	2.3	89
5/19/2020	24.0	2616829	35	2.6	85		24.0	2420727	33	2.4	89	24.0	2420727	33	2.4	89
5/20/2020	23.3	2565042	33	2.6	85		24.0	2484080	33	2.5	89	24.0	2484080	33	2.5	89
5/21/2020	23.4	2571291	34	2.6	85		22.9	2345176	146	2.3	89	22.9	2345176	146	2.3	89
5/22/2020	24.0	2494969	36	2.5	85		24.0	2293141	35	2.3	89	24.0	2293141	35	2.3	89
5/23/2020	24.0	2498389	36	2.5	85		24.0	2301893	35	2.3	89	24.0	2301893	35	2.3	89
5/24/2020	22.2	2392693	34	2.4	85		22.6	2262498	113	2.3	89	22.6	2262498	113	2.3	89
5/25/2020	24.0	2654593	33	2.7	85		24.0	2452176	32	2.5	89	24.0	2452176	32	2.5	89
5/26/2020	24.0	2787739	33	2.8	85		24.0	2577952	32	2.6	89	24.0	2577952	32	2.6	89
5/27/2020	22.8	2582108	35	2.6	85		24.0	2744661	31	2.7	89	24.0	2744661	31	2.7	89
5/28/2020	14.0	2634631	20	2.6	85		23.4	2510734	100	2.5	89	23.4	2510734	100	2.5	89
5/29/2020	24.0	2707487	34	2.7	85		24.0	2569344	32	2.6	89	24.0	2569344	32	2.6	89
5/30/2020	23.3	2551787	34	2.6	85		24.0	2566968	32	2.6	89	24.0	2566968	32	2.6	89
5/31/2020	23.8	2290031	40	2.3	85		23.8	2570452	33	2.6	89	23.8	2570452	33	2.6	89

OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month Of May 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 (%)
5/1/2020	16.3	1650507	21	1.7	95	OFFLINE					16.3	1632152	29	1.6	85
5/2/2020	10.8	985311	16	1.0	95		10.9	932856	26	0.9	85				
5/3/2020	24.0	2192641	36	2.2	95		22.6	2062712	59	2.1	85				
5/4/2020	24.0	2276131	35	2.3	95		24.0	2247728	50	2.2	85				
5/5/2020	24.0	2441520	34	2.4	95		24.0	2417332	48	2.4	85				
5/6/2020	24.0	2423188	35	2.4	95		24.0	2394993	49	2.4	85				
5/7/2020	24.0	2275510	35	2.3	95		24.0	2247599	49	2.2	85				
5/8/2020	23.7	2130628	36	2.1	95		22.2	2011815	71	2.0	85				
5/9/2020	22.4	2071785	34	2.1	95		24.0	2158757	51	2.2	85				
5/10/2020	24.0	2261716	35	2.3	95		24.0	2236475	49	2.2	85				
5/11/2020	21.8	1919496	34	1.9	95		21.8	1907382	49	1.9	85				
5/12/2020	18.1	1571440	30	1.6	95		18.0	1555378	44	1.6	85				
5/13/2020	24.0	2526953	31	2.5	95		24.0	2500774	41	2.5	85				
5/14/2020	23.8	2527946	31	2.5	95		23.8	2499528	42	2.5	85				
5/15/2020	24.0	2390873	33	2.4	95		21.8	2136630	55	2.1	85				
5/16/2020	22.2	2068541	32	2.1	95		24.0	2160069	52	2.2	85				
5/17/2020	24.0	2241478	35	2.2	95		24.0	2212391	51	2.2	85				
5/18/2020	24.0	2557077	31	2.6	95		24.0	2528342	46	2.5	85				
5/19/2020	24.0	2664285	30	2.7	95		24.0	2637827	44	2.6	85				
5/20/2020	24.0	2733601	30	2.7	95		24.0	2704195	43	2.7	85				
5/21/2020	23.2	2586283	30	2.6	95		23.0	2554176	42	2.6	85				
5/22/2020	24.0	2538425	32	2.5	95		24.0	2513600	46	2.5	85				
5/23/2020	24.0	2541333	32	2.5	95		24.0	2512574	46	2.5	85				
5/24/2020	22.6	2523435	30	2.5	95		22.6	2472714	43	2.5	85				
5/25/2020	24.0	2698738	29	2.7	95		24.0	2670806	44	2.7	85				
5/26/2020	24.0	2833374	29	2.8	95		24.0	2801552	43	2.8	85				
5/27/2020	22.4	2758939	39	2.8	95		22.3	2734652	51	2.7	85				
5/28/2020	24.0	2866034	30	2.9	95		24.0	2843495	44	2.8	85				
5/29/2020	24.0	2751651	30	2.8	95		24.0	2724541	45	2.7	85				
5/30/2020	24.0	2704505	30	2.7	95		23.2	2571516	44	2.6	85				
5/31/2020	23.1	2223931	33	2.2	95		23.8	2302601	52	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 **May 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	2.7	7	2.3	13	2.9	19	2.9	25	3.0
2	2.1	8	2.7	14	2.9	20	2.8	26	2.8
3	2.4	9	2.2	15	3.0	21	3.1	27	1.9
4	1.8	10	2.2	16	3.1	22	3.0	28	1.3
5	2.5	11	2.3	17	3.0	23	2.8	29	2.7
6	2.0	12	2.4	18	2.9	24	3.1	30	3.0
								31	2.8

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. 5/31/2020

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

System ID
Month of

250008-02
May 2020

May 2020	TURBIDITIES (NTU)		
	RAW	TRAINS	FINISHED
5/1	33.6312	0.1210	0.0678
5/2	29.7900	0.1383	0.0744
5/3	27.5187	0.1380	0.0750
5/4	26.9250	0.1450	0.0675
5/5	25.6938	0.1380	0.0750
5/6	27.4938	0.1500	0.0787
5/7	25.6312	0.1160	0.0856
5/8	23.3813	0.1130	0.0925
5/9	23.8750	0.1130	0.1175
5/10	21.1125	0.1130	0.1169
5/11	19.1800	0.0700	0.1216
5/12	20.1063	0.1114	0.1419
5/13	23.9125	0.1970	0.2050
5/14	17.5938	0.1400	0.2790
5/15	18.8562	0.1360	0.2870
5/16	17.1250	0.1310	0.2350
5/17	17.7563	0.1170	0.1490
5/18	18.4188	0.1270	0.1510
5/19	16.5125	0.1420	0.2100
5/20	16.7500	0.1340	0.3400
5/21	14.6062	0.1240	0.1540
5/22	18.7062	0.1230	0.3210
5/23	17.2250	0.1320	0.2372
5/24	28.8875	0.1415	0.2806
5/25	16.9813	0.1565	0.1840
5/26	16.6625	0.1415	0.1000
5/27	18.2938	0.1370	0.2040
5/28	18.8625	0.1180	0.1520
5/29	18.3438	0.1370	0.2150
5/30	17.6437	0.1940	0.0997
5/31	17.0100	0.1087	0.1338
MIN	14.6062	0.0700	0.0675
MAX	33.6312	0.1970	0.3400
AVG	21.1125	0.1324	0.1630

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

System ID
Month of

250008-02
May 2020

May 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
5/1	0.0563	0.0578	0.0662	0.0678	0.0563	0.0616
5/2	OFF	OFF	OFF	OFF	0.0709	0.0744
5/3	0.0744	0.0703	0.0625	0.0566	0.0750	0.0675
5/4	0.0675	0.0662	0.0619	0.0600	OFF	0.0622
5/5	0.0647	0.0688	0.0712	0.0722	0.0734	0.0750
5/6	0.0772	0.0775	0.0781	0.0784	0.0787	0.0778
5/7	0.0797	0.0806	OFF	OFF	OFF	0.0856
5/8	0.0869	0.0878	0.0906	0.0919	0.0925	0.0925
5/9	0.0944	0.0953	0.0950	0.0975	0.1000	0.1175
5/10	0.1084	0.1053	0.1088	0.1122	0.1159	0.1169
5/11	0.1187	0.1178	0.1156	0.1153	0.1191	0.1216
5/12	0.1131	0.1175	0.1325	0.1303	0.1419	0.1394
5/13	0.1506	0.1412	0.1080	0.1210	0.1940	0.2050
5/14	0.1660	0.2790	0.1230	0.1170	0.0960	0.1090
5/15	0.2870	0.1920	0.1130	0.1240	0.1270	0.1760
5/16	0.2350	0.2350	0.0900	0.1120	0.1220	0.1320
5/17	0.1380	0.0990	0.0670	0.1120	0.1490	0.1140
5/18	0.1400	0.0810	0.1270	0.0930	OFF	0.1510
5/19	0.2100	0.1510	0.1210	0.1190	0.0880	0.1020
5/20	0.3400	0.1470	0.1030	0.1050	OFF	0.2410
5/21	0.1540	0.0870	0.0790	0.0680	0.1210	0.1220
5/22	0.3210	0.1260	0.1030	OFF	0.0441	0.0466
5/23	0.0491	0.2372	0.0706	0.1603	0.0531	0.0930
5/24	0.0472	0.2806	0.1456	0.1175	0.0441	0.0450
5/25	0.0400	0.1350	0.1840	0.1209	0.0812	0.1266
5/26	0.0578	0.0522	0.0475	0.0453	0.0478	0.1000
5/27	0.0544	0.0575	0.0756	0.0688	OFF	0.2040
5/28	0.1210	0.0666	0.0641	0.0584	0.0506	0.1520
5/29	0.2150	0.0494	0.0463	0.0456	0.0419	0.0441
5/30	0.0456	0.0728	0.0881	0.0556	0.0647	0.0997
5/31	0.0456	0.0662	0.0597	0.0509	0.1338	0.0566
MIN	0.0400	0.0494	0.0463	0.0453	0.0419	0.0441
MAX	0.3400	0.2806	0.1840	0.1603	0.1940	0.2410
AVG	0.1253	0.1167	0.0930	0.0920	0.0916	0.1101

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

System ID
 Month of

250008-02
 May 2020

May 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
5/1	3.0	3.0	2.7	3.5	3.4	4.1
5/2	OFF	OFF	OFF	OFF	2.1	2.8
5/3	2.8	3.1	2.8	2.6	2.4	2.4
5/4	1.8	1.8	2.2	2.5	OFF	2.8
5/5	2.7	2.6	2.5	2.7	2.9	3.2
5/6	3.2	3.2	2.7	2.0	2.0	2.3
5/7	2.4	2.3	OFF	OFF	OFF	2.3
5/8	2.7	3.0	3.1	2.9	2.7	3.0
5/9	2.9	2.6	2.5	2.3	2.5	2.2
5/10	2.4	3.5	2.5	2.7	2.3	2.2
5/11	2.3	2.5	2.8	2.9	2.3	2.4
5/12	2.4	2.5	2.6	2.7	2.9	2.9
5/13	2.9	2.9	3.2	2.9	2.9	2.9
5/14	2.9	3.0	3.5	3.3	3.3	3.1
5/15	3.1	3.1	3.0	3.0	3.2	3.3
5/16	3.3	3.4	3.6	3.9	3.3	3.1
5/17	3.0	3.0	3.1	3.6	3.0	4.0
5/18	3.1	3.3	3.5	2.9	OFF	3.0
5/19	3.2	3.3	3.3	3.2	2.9	3.0
5/20	2.9	3.1	2.9	3.3	OFF	2.8
5/21	3.1	3.5	3.6	3.5	3.3	3.1
5/22	3.0	3.5	3.2	OFF	3.4	3.1
5/23	2.8	3.1	3.4	3.5	3.3	3.2
5/24	3.2	3.1	3.7	3.2	3.3	3.3
5/25	3.8	3.3	3.0	3.1	3.4	3.2
5/26	3.0	3.1	3.3	3.1	2.8	2.9
5/27	2.7	2.7	2.4	2.0	OFF	1.9
5/28	2.3	2.4	1.8	1.3	1.8	2.5
5/29	2.7	2.9	3.1	3.8	4.4	3.9
5/30	3.6	3.3	3.5	3.1	3.1	3.0
5/31	3.0	2.9	2.8	2.8	3.5	3.5
MIN	1.8	1.8	1.8	1.3	1.8	1.9
MAX	3.8	3.5	3.7	3.9	4.4	4.1
AVG	2.9	3.0	3.0	2.9	2.9	2.9

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
5/1/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0752
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0905
	08:00 AM	0.1113	OFF	0.0461	0.1210	OFF	OFF
	12:00 PM	0.0863	OFF	0.0562	OFF	OFF	0.1099
	04:00 PM	OFF	OFF	0.0752	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.0988	OFF	0.0592	0.1210	OFF	0.0919
5/2/2020	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	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	0.1298	OFF	0.1383	0.0850	OFF	0.0448
	08:00 PM	0.1135	OFF	OFF	OFF	OFF	0.0549
	AVG	0.1217	OFF	0.1383	0.0850	OFF	0.0499
5/3/2020	12:00 AM	0.1285	OFF	OFF	0.1070	OFF	OFF
	04:00 AM	0.1162	OFF	OFF	OFF	OFF	OFF
	08:00 AM	0.0927	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.0709	OFF	OFF	OFF
	04:00 PM	0.1322	OFF	0.0710	0.1380	OFF	OFF
	08:00 PM	0.1016	OFF	0.0702	OFF	OFF	OFF
	AVG	0.1142	OFF	0.0707	0.1225	OFF	OFF
5/4/2020	12:00 AM	OFF	OFF	0.0606	OFF	OFF	0.0910
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0675	OFF	OFF	0.0421
	12:00 PM	OFF	OFF	0.0810	OFF	OFF	0.0483
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0545	0.1450	OFF	0.0842
	AVG	OFF	OFF	0.0659	0.1450	OFF	0.0664
5/5/2020	12:00 AM	OFF	OFF	OFF	0.1370	OFF	0.0898
	04:00 AM	OFF	OFF	0.0663	0.1380	OFF	0.1171
	08:00 AM	OFF	OFF	0.0612	0.1340	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.1070	OFF	OFF
	04:00 PM	OFF	OFF	0.0607	0.1340	OFF	OFF
	08:00 PM	OFF	OFF	0.0482	0.1270	OFF	OFF
	AVG	OFF	OFF	0.0591	0.1295	OFF	0.1035
5/6/2020	12:00 AM	OFF	OFF	OFF	0.1440	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1380	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.1500	OFF	OFF
	12:00 PM	OFF	OFF	0.0888	0.1480	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.1360	OFF	OFF
	AVG	OFF	OFF	0.0888	0.1432	OFF	OFF
5/7/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0787	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	0.0656	0.1160	OFF	OFF
	AVG	OFF	OFF	0.0722	0.1160	OFF	OFF
5/8/2020	12:00 AM	OFF	OFF	0.0838	0.0700	OFF	OFF
	04:00 AM	OFF	OFF	0.0776	0.0870	OFF	OFF
	08:00 AM	OFF	OFF	0.0588	0.1040	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0536	0.1130	OFF	OFF
	08:00 PM	OFF	0.1040	0.0635	0.1060	OFF	OFF
	AVG	OFF	0.1040	0.0675	0.0960	OFF	OFF

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
5/9/2020	12:00 AM	OFF	OFF	0.0465	OFF	OFF	OFF
	04:00 AM	OFF	0.0960	0.0593	0.1120	OFF	OFF
	08:00 AM	OFF	OFF	0.0570	0.1130	OFF	OFF
	12:00 PM	OFF	0.1020	0.0579	0.1100	OFF	OFF
	04:00 PM	OFF	0.1060	0.0539	0.0750	OFF	OFF
	08:00 PM	OFF	0.0710	0.0426	OFF	OFF	OFF
	AVG	OFF	0.0938	0.0529	0.1025	OFF	OFF
5/10/2020	12:00 AM	OFF	0.1130	0.0585	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0475	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0605	OFF	OFF	OFF
	12:00 PM	OFF	0.0730	0.0556	0.0680	OFF	OFF
	04:00 PM	OFF	0.0690	0.0560	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0563	OFF	OFF	OFF
	AVG	OFF	0.0850	0.0558	0.0680	OFF	OFF
5/11/2020	12:00 AM	OFF	OFF	0.0998	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0779	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.0800	0.0524	0.0810	OFF	OFF
	04:00 PM	OFF	0.0700	0.0566	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0463	0.1190	OFF	OFF
	AVG	OFF	0.0750	0.0666	0.1000	OFF	OFF
5/12/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0585	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.1114	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.1080	OFF	OFF
	08:00 PM	OFF	OFF	0.0555	OFF	OFF	OFF
	AVG	OFF	OFF	0.0570	0.1097	OFF	OFF
5/13/2020	12:00 AM	OFF	0.1970	OFF	0.0544	OFF	OFF
	04:00 AM	OFF	0.1820	0.0576	0.1180	OFF	OFF
	08:00 AM	OFF	OFF	0.0762	0.1290	OFF	OFF
	12:00 PM	OFF	0.0980	0.0464	0.1330	OFF	OFF
	04:00 PM	OFF	0.1240	0.0579	0.0910	OFF	OFF
	08:00 PM	OFF	0.1360	0.0502	0.1290	OFF	OFF
	AVG	OFF	0.1474	0.0577	0.1091	OFF	OFF
5/14/2020	12:00 AM	OFF	0.1290	OFF	0.1340	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1270	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1400	OFF	0.1340	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0740	OFF	OFF
	08:00 PM	OFF	0.1250	OFF	0.0810	OFF	OFF
	AVG	OFF	0.1313	OFF	0.1100	OFF	OFF
5/15/2020	12:00 AM	OFF	OFF	0.0724	0.1250	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1360	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.1040	OFF	OFF
	12:00 PM	OFF	OFF	0.0617	0.1180	OFF	OFF
	04:00 PM	OFF	OFF	0.0589	0.1200	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	0.0643	0.1206	OFF	OFF
5/16/2020	12:00 AM	OFF	OFF	0.0881	0.1160	OFF	OFF
	04:00 AM	OFF	OFF	0.0431	0.1280	OFF	OFF
	08:00 AM	OFF	OFF	0.0492	0.1030	OFF	OFF
	12:00 PM	OFF	OFF	0.0487	0.1010	OFF	OFF
	04:00 PM	OFF	0.1150	0.0637	0.0800	OFF	OFF
	08:00 PM	OFF	0.1310	OFF	0.1170	OFF	OFF
	AVG	OFF	0.1230	0.0586	0.1075	OFF	OFF

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
5/17/2020	12:00 AM	OFF	OFF	0.0765	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0640	0.1170	OFF	OFF
	08:00 AM	OFF	OFF	0.0597	0.0810	OFF	OFF
	12:00 PM	OFF	0.0925	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.0913	0.0661	OFF	OFF	OFF
	08:00 PM	OFF	0.0942	OFF	0.1020	OFF	OFF
	AVG	OFF	0.0927	0.0666	0.1000	OFF	OFF
5/18/2020	12:00 AM	OFF	OFF	OFF	0.0960	OFF	OFF
	04:00 AM	OFF	OFF	0.0611	0.0900	OFF	OFF
	08:00 AM	OFF	0.0949	0.0747	0.0910	OFF	OFF
	12:00 PM	OFF	0.0965	0.0590	0.1270	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1008	0.0888	0.1260	OFF	OFF
	AVG	OFF	0.0974	0.0709	0.1060	OFF	OFF
5/19/2020	12:00 AM	OFF	OFF	OFF	0.1370	OFF	OFF
	04:00 AM	OFF	0.0998	0.0622	0.1210	OFF	OFF
	08:00 AM	OFF	OFF	0.0691	OFF	OFF	OFF
	12:00 PM	OFF	0.1013	0.0646	OFF	OFF	OFF
	04:00 PM	OFF	0.1022	OFF	0.1420	OFF	OFF
	08:00 PM	OFF	0.1045	0.0910	0.0940	OFF	OFF
	AVG	OFF	0.1020	0.0717	0.1235	OFF	OFF
5/20/2020	12:00 AM	OFF	OFF	0.0843	0.1190	OFF	OFF
	04:00 AM	OFF	0.1046	OFF	0.1180	OFF	OFF
	08:00 AM	OFF	0.1050	OFF	0.1100	OFF	OFF
	12:00 PM	OFF	0.1050	OFF	0.1340	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1100	0.0273	0.1190	OFF	OFF
	AVG	OFF	0.1062	0.0558	0.1200	OFF	OFF
5/21/2020	12:00 AM	OFF	OFF	0.0331	OFF	OFF	OFF
	04:00 AM	OFF	0.1089	0.0310	0.1090	OFF	OFF
	08:00 AM	OFF	0.1097	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1118	0.0201	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0215	0.0770	OFF	OFF
	08:00 PM	OFF	0.1240	0.0191	0.0810	OFF	OFF
	AVG	OFF	0.1136	0.0250	0.0890	OFF	OFF
5/22/2020	12:00 AM	OFF	OFF	0.0324	OFF	OFF	OFF
	04:00 AM	OFF	0.1154	OFF	0.1190	OFF	OFF
	08:00 AM	OFF	0.1174	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.1197	0.0500	OFF	OFF	OFF
	08:00 PM	OFF	0.1230	0.0505	0.1180	OFF	OFF
	AVG	OFF	0.1189	0.0505	0.1190	OFF	OFF
5/23/2020	12:00 AM	OFF	OFF	0.0517	0.1250	OFF	OFF
	04:00 AM	OFF	0.1199	0.0514	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0507	0.0800	OFF	OFF
	12:00 PM	OFF	OFF	0.0509	0.1320	OFF	OFF
	04:00 PM	OFF	0.1274	OFF	0.0780	OFF	OFF
	08:00 PM	OFF	OFF	0.0709	OFF	OFF	OFF
	AVG	OFF	0.1237	0.0551	0.1038	OFF	OFF
5/24/2020	12:00 AM	OFF	OFF	OFF	0.0860	OFF	OFF
	04:00 AM	OFF	0.1358	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.1382	OFF	0.0710	OFF	OFF
	12:00 PM	OFF	0.1415	0.0575	0.0750	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0750	OFF	OFF
	08:00 PM	OFF	0.1170	OFF	0.1000	OFF	OFF
	AVG	OFF	0.1331	0.0575	0.0814	OFF	OFF

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
5/25/2020	12:00 AM	OFF	0.1565	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.1544	OFF	0.0044	OFF	OFF
	08:00 AM	OFF	0.0670	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1311	OFF	0.0784	OFF	OFF
	04:00 PM	OFF	0.1315	OFF	0.0691	OFF	OFF
	08:00 PM	OFF	0.1435	0.0213	0.0446	OFF	OFF
	AVG	OFF	0.1307	0.0213	0.0491	OFF	OFF
5/26/2020	12:00 AM	OFF	OFF	OFF	0.1415	OFF	OFF
	04:00 AM	OFF	OFF	0.0196	OFF	OFF	OFF
	08:00 AM	OFF	0.1372	0.0450	0.0457	OFF	OFF
	12:00 PM	OFF	0.1347	0.0250	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0281	0.0485	OFF	OFF
	08:00 PM	OFF	OFF	0.0202	OFF	OFF	OFF
	AVG	OFF	0.1360	0.0276	0.0786	OFF	OFF
5/27/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.1320	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0900	OFF	0.0473	OFF	OFF
	12:00 PM	OFF	OFF	0.0299	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1370	0.0500	0.0454	OFF	OFF
	AVG	OFF	0.1197	0.0400	0.0464	OFF	OFF
5/28/2020	12:00 AM	OFF	OFF	OFF	0.0714	OFF	OFF
	04:00 AM	OFF	OFF	0.0408	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0411	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.0422	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0429	OFF	OFF	OFF
	08:00 PM	OFF	0.1180	0.0530	OFF	OFF	OFF
	AVG	OFF	0.1180	0.0440	0.0714	OFF	OFF
5/29/2020	12:00 AM	OFF	OFF	0.0594	0.0528	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0900	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1270	OFF	0.0448	OFF	OFF
	04:00 PM	OFF	0.0650	OFF	0.0442	OFF	OFF
	08:00 PM	OFF	0.1370	0.0953	OFF	OFF	OFF
	AVG	OFF	0.1048	0.0953	0.0473	OFF	OFF
5/30/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.1940
	04:00 AM	OFF	0.1380	OFF	0.0443	OFF	0.1930
	08:00 AM	OFF	0.1070	0.0248	0.0444	OFF	OFF
	12:00 PM	OFF	0.1460	0.0277	OFF	OFF	OFF
	04:00 PM	OFF	0.1300	0.0286	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0383	OFF	OFF	OFF
	AVG	OFF	0.1303	0.0299	0.0444	OFF	0.1935
5/31/2020	12:00 AM	OFF	OFF	0.0373	OFF	OFF	0.2120
	04:00 AM	OFF	0.1360	OFF	0.0550	OFF	0.1750
	08:00 AM	OFF	0.0810	OFF	0.0416	OFF	0.1350
	12:00 PM	OFF	OFF	0.0460	0.0434	OFF	OFF
	04:00 PM	OFF	0.1203	0.0421	0.0420	OFF	OFF
	08:00 PM	OFF	0.1027	OFF	0.0427	OFF	OFF
	AVG	OFF	0.1100	0.0418	0.0449	OFF	0.1740

**CITY OF JACKSON
DISTRIBUTION SYSTEM DISINFECTANT DATA**

System ID 250008
Week Of May 2020

May-20	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
5/1					
5/2					
5/3					
5/4	10				
5/5	37				
5/6	41				
5/7	32				
5/8					
5/9					
5/10					
5/11	13				
5/12	1				
5/13					
5/14					
5/15					
5/16					
5/17					
5/18					
5/19					
5/20	1				
5/21					
5/22					
5/23					
5/24					
5/25					
5/26					
5/27					
5/28					
5/29					
5/30					
5/31					
Total	135	0	0	0	0

This does include 15 well system routine samples collected on 5/6, 5/7, and 5/11.

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

V = 0

**CITY OF JACKSON
CHLORINE DIOXIDE COMPLIANCE**

May-20	SYSTEM ID: 250008-02		SYSTEM ID: 250008-01	
	O.B. CURTIS (TF082)		J. H. FEWELL (TF081)	
	ClO ₂	ClO ⁻	ClO ₂	ClO ⁻
5/1	OFF	OFF	OFF	OFF
5/2	OFF	OFF	OFF	OFF
5/3	OFF	OFF	OFF	OFF
5/4	OFF	OFF	OFF	OFF
5/5	OFF	OFF	OFF	OFF
5/6	OFF	OFF	OFF	OFF
5/7	OFF	OFF	OFF	OFF
5/8	OFF	OFF	OFF	OFF
5/9	OFF	OFF	OFF	OFF
5/10	OFF	OFF	OFF	OFF
5/11	OFF	OFF	OFF	OFF
5/12	OFF	OFF	OFF	OFF
5/13	OFF	OFF	OFF	OFF
5/14	OFF	OFF	OFF	OFF
5/15	OFF	OFF	OFF	OFF
5/16	OFF	OFF	OFF	OFF
5/17	OFF	OFF	OFF	OFF
5/18	OFF	OFF	OFF	OFF
5/19	OFF	OFF	OFF	OFF
5/20	OFF	OFF	OFF	OFF
5/21	OFF	OFF	OFF	OFF
5/22	OFF	OFF	OFF	OFF
5/23	OFF	OFF	OFF	OFF
5/24	OFF	OFF	OFF	OFF
5/25	OFF	OFF	OFF	OFF
5/26	OFF	OFF	OFF	OFF
5/27	OFF	OFF	OFF	OFF
5/28	OFF	OFF	OFF	OFF
5/29	OFF	OFF	OFF	OFF
5/30	OFF	OFF	OFF	OFF
5/31	OFF	OFF	OFF	OFF

DISTRIBUTION SITES			
DATE	SITE	ClO ₂	ClO ⁻
	Olympia	OFF	OFF
	Boling St	OFF	OFF
	John Hopkins	OFF	OFF

**CITY OF JACKSON
TOC REMOVAL SUMMARY**

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%

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

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

Date	Water Treatment Plant	TOC Summary		TOC % Removal Summary			TOC Removal Ratio
		Source Water Alkalinity (ppm)	Source Water TOC (ppm)	Treated Water TOC (ppm)	Actual TOC Removed (%)	Required TOC Removal (%)	
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

**CITY OF JACKSON
TOC REMOVAL SUMMARY**

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%

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

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

Date	Water Treatment Plant	TOC Summary		TOC % Removal Summary			TOC Removal Ratio
		Source Water Alkalinity (ppm)	Source Water TOC (ppm)	Treated Water TOC (ppm)	Actual TOC Removed (%)	Required TOC Removal (%)	
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
5/6/2020	OBC HS1	9	7.9	2.8	64.6	45.0	1.43
	OBC HS2	9	7.9	3.5	55.7	45.0	1.24
	JHF HS1	16	6.6	2.5	62.1	45.0	1.38
5/11/2020	OBC HS1	10	5.2	3.0	42.3	45.0	0.94
	OBC HS2	10	5.2	2.7	48.1	45.0	1.07
	JHF HS1	14	6.1	2.2	63.9	45.0	1.42
5/18/2020	OBC HS1	12	7.6	5.2	31.6	45.0	0.70
	OBC HS2	12	7.6	3.8	50.0	45.0	1.11
	JHF HS1	15	7.1	5.9	16.9	45.0	0.38
5/27/2020	OBC HS1	12	5.8	1.8	69.0	45.0	1.53
	OBC HS2	12	5.8	2.4	58.6	45.0	1.30
	JHF HS1	12	5.5	2.8	49.1	45.0	1.09
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
RUNNING ANNUAL AVERAGE	OBC HS1						1.23
	OBC HS2						1.30
	JHF HS1						1.33
TOTAL COMBINED RUNNING ANNUAL AVERAGE							1.29

CITY OF JACKSON							
CORROSION CONTROL DATA							
May 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
DATE / SHIFT		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
5/1	0700 - 1500	8.8	12	21	9.6	20	59
	1500 - 2300	9.2	26	16	9.1	13	55
	2300 - 0700	9.0	34	36	9.4	16	53
5/2	0700 - 1500	7.6	19	18	9.6	17	60
	1500 - 2300	8.5	22	19	9.6	16	47
	2300 - 0700	9.4	10	27	9.4	14	52
5/3	0700 - 1500	9.4	14	30	9.6	14	59
	1500 - 2300	9.6	34	19	9.5	14	55
	2300 - 0700	9.5			9.4	18	47
5/4	0700 - 1500	9.6	23	40	9.0	13	55
	1500 - 2300	9.5	36	41	9.6	12	53
	2300 - 0700	9.4	45	42	9.2	17	59
5/5	0700 - 1500	9.5	30	43	9.1	16	60
	1500 - 2300	9.7	36	45	9.5	29	59
	2300 - 0700	9.6	42	39	9.1	24	71
5/6	0700 - 1500	9.5	34	10	9.4	26	75
	1500 - 2300	9.6	49	38	9.6	17	58
	2300 - 0700	9.4	46	51	9.7	18	61
5/7	0700 - 1500	8.3	20	47	9.7	22	61
	1500 - 2300	9.3	16	55	9.2	15	47
	2300 - 0700	9.6	32	15	9.1	14	51
5/8	0700 - 1500	9.8	36	12	9.6	16	59
	1500 - 2300	9.8	40	34	9.4	18	65
	2300 - 0700	9.7	39	23	9.6	18	65
5/9	0700 - 1500	9.6	31	19	9.5	21	52
	1500 - 2300	9.5	36	16	9.7	18	51
	2300 - 0700	9.7	30	22	9.2	15	55
5/10	0700 - 1500	9.6	31	17	9.7	18	64
	1500 - 2300	9.6	33	17	9.4	16	58
	2300 - 0700	9.6	34	28	9.2	16	48
5/11	0700 - 1500	9.7	35	20	9.6	18	56
	1500 - 2300	9.7	49	46	9.2	17	61
	2300 - 0700	9.6	48	44	9.5	18	63

CITY OF JACKSON							
CORROSION CONTROL DATA							
May 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
DATE / SHIFT		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
5/12	0700 - 1500	9.6	46	27	9.7	22	58
	1500 - 2300	9.5	36	32	9.2	15	45
	2300 - 0700	9.5	47	49	9.9	16	51
5/13	0700 - 1500	9.3	48	24	9.7	17	54
	1500 - 2300	9.4	41	37	9.0	17	45
	2300 - 0700	9.1	38	42	9.6	18	58
5/14	0700 - 1500	9.5	19	24	9.3	14	58
	1500 - 2300	9.4	31	23	9.6	16	45
	2300 - 0700	9.4	30	43	9.7	21	60
5/15	0700 - 1500	9.4	27	41	9.4	31	60
	1500 - 2300	9.7	31	40	9.4	17	53
	2300 - 0700	9.4	32	41	9.2	15	52
5/16	0700 - 1500	9.5	37	19	9.4	13	44
	1500 - 2300	9.5	35	20	9.1	14	39
	2300 - 0700	9.3	36	21	9.3	16	55
5/17	0700 - 1500	9.3	25	17	9.1	13	51
	1500 - 2300	9.3	31	20	9.3	18	64
	2300 - 0700	9.4	25	31	9.7	21	49
5/18	0700 - 1500	9.5	26	16	9.6	22	60
	1500 - 2300	9.5	25	36	9.3	19	59
	2300 - 0700	9.6	28	37	9.4	16	50
5/19	0700 - 1500	9.1	21	30	9.5	17	56
	1500 - 2300	9.1	21	32	9.3	17	41
	2300 - 0700	9.1	26	34	9.4	19	58
5/20	0700 - 1500	9.2	30	24	9.1	16	55
	1500 - 2300	9.3	34	42	9.2	15	42
	2300 - 0700	9.4	36	40	9.7	26	69
5/21	0700 - 1500	9.5	31	38	9.0	19	62
	1500 - 2300	9.6	31	21	9.7	19	44
	2300 - 0700	9.4	31	34	9.3	18	59
5/22	0700 - 1500	9.6	32	22	9.1	15	52
	1500 - 2300	9.5	27	24	9.1	18	58
	2300 - 0700	9.6	35	38	9.6	22	58

CITY OF JACKSON							
CORROSION CONTROL DATA							
May 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
DATE / SHIFT		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
5/23	0700 - 1500	9.5	24	17	9.6	20	55
	1500 - 2300	9.4	35	24	9.7	27	46
	2300 - 0700	9.3	31	21	9.2	20	58
5/24	0700 - 1500	9.0	31	14	9.4	23	64
	1500 - 2300	9.2	27	13	9.3	20	60
	2300 - 0700				9.7	19	53
5/25	0700 - 1500	9.5	33	19	9.5	21	62
	1500 - 2300	9.4	23	34	9.5	20	67
	2300 - 0700	9.3	30	41	9.2	19	52
5/26	0700 - 1500	9.3	27	43	9.5	19	53
	1500 - 2300	9.4	28	40	9.2	18	50
	2300 - 0700	9.4	26	30	9.3	25	62
5/27	0700 - 1500	9.5	24	37	9.5	23	57
	1500 - 2300	9.4	21	36	9.7	26	62
	2300 - 0700	9.3	34	41	9.3	20	59
5/28	0700 - 1500	9.8	31	45	9.4	20	56
	1500 - 2300	9.6	33	26	9.2	19	47
	2300 - 0700	9.5	38	29	9.2	21	56
5/29	0700 - 1500	9.6	38	22	9.3	19	59
	1500 - 2300	9.5	41	27	9.6	21	62
	2300 - 0700	9.5	35	41	9.6	19	58
5/30	0700 - 1500	9.8	42	18	9.7	19	42
	1500 - 2300	9.7	38	16	9.4	16	43
	2300 - 0700	9.6	38	24	9.5	17	50
5/31	0700 - 1500	9.7	34	16	9.4	17	52
	1500 - 2300	9.4	30	19	9.1	17	65
	2300 - 0700	9.6			9.4	22	57
MONTHLY MIN		7.6	10	10	9.0	12	39
MONTHLY MAX		9.8	49	55	9.9	31	75
MONTHLY AVG		9.4	32	30	9.4	18	55

Comments

The weekly operating report for May 24-30, 2020 for OB Curtis Conventional (TF082) was based on filtered water. However, the monthly operating report for May 2020 is based on finished water; therefore, the turbidity compliance page will have different data.

JH Fewell (TF081)

5/13/20-High Service grab was a 9.9 pH at 1AM. Operator adjusted the High service lime feed dosage after getting the above 9.7 pH grab. This occurred around the time the chlorine tons were to be switched over causing the pH to reach 9.9

Online Monitoring Last Date of Calibration for JH Fewell

CL17s- 5/27/20

OB Curtis Conventional (TF082)

5/1-The conventional process was lost due to extra flow received from the Membrane Plant. Membrane trains abruptly shut down because the temporary raw water screens became clogged.

5/2-The temporary screens were removed and cleaned after which, the Membrane Plant was brought back online.

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

Settled water turbidity- 5/1, 5/2, 5/3, 5/11-5/12, 5/24, 5/25, 5/27, 5/29-Signal loss, replaced with grab data. Grab data was lower on 5/5 and 5/8.

Finished water turbidity - 5/2-4PM-Clearwell was low. 5/25-8AM-Grab data was lower than online data. The exceedance occurred after the shutdown and start up of plant after process was lost on 5/24. A repeat grab at 9:30AM was .30.

Chlorine data - 5/29 4PM-Online data was lower replaced with grab data.

Filters #1, #3, #4, #6 - 5/2-4PM-8PM; 5/9-8PM-No data received due to signal loss.

Filter #4 - 5/1-12AM-Filter spike grab data was lower.

Filter #6 - 5/1-4AM and 12PM-Filter spikes grab data was lower.

Filters #1, #3, #4, and #6 - 5/24 8PM-Grab data was lower although this was the onset of the process being lost.

OB Curtis Membrane (TF083)

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

Chlorine data -5/1-8AM-Ammonia system not feeding. 5/24 12AM-4AM, 12PM; 5/29 12PM-4PM-Replaced with grab data. 5/3-5/9; 5/10 12AM-8AM; 5/17 4AM; 12PM-5/23-Online data was higher than normal replaced with grab data.

Finished water turbidity - 5/13 8AM-5/16, 5/17-5/22 4AM-Online data reading .1469, replaced with grab data. 5/25 4A-

8AM; 5/28 12PM, 8PM; 5/29 12AM- Grab data was lower. 5/23; 5/26 4AM-8AM; 5/27 8PM-Signal loss, replaced with grab

Train #1 - 5/2-4AM-Spikes occurred grab data was lower.

Train #2-5/8-8PM-5/9; 5/10-5/14; 5/24 8PM; 5/25 8AM; 5/27 4PM-8PM; 5/28 8PM; 5/29 8AM-8PM; 5/30 4AM-12PM; 5/31-4AM-8AM-Grab data was lower.

Train #4- 5/1- 8AM; 5/2-4PM-Spikes occurred grab data was lower. 5/3-5/9; 5/24 8AM-8PM; 5/10-5/11-Grab data was lower. 5/13 4AM-5-16; 5/17-5/23-Online data reading .00, replaced with grab data.

Train #6-5/30 12AM-4AM; 5/31-12AM-8AM-Grab data was lower.

Online Monitoring Last Date of Calibration for O.B. Curtis

CL17s - 5/31/2020

Upgrades and Repairs at O.B. Curtis

1. New Turbidimeters (TUsc5400) were installed on all trains March 30, 2020.
2. Soda Ash Dilution System installed on April 14, 2020 and brought online April 17, 2020.
3. Streaming Current Detector installed on May 20, 2020 and calibrated on May 28, 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.
4. Replaced front end turbidity meter on sedimentation basin #4 on May 8, 2020.
5. Replaced Filter 16 turbidity meter on May 11, 2020.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Dr. Charles Williams, PE

6/10/20

Date