

**CITY OF JACKSON**  
**J. H. Fewell (TF081)**  
**Monthly Report**

**System ID**                    **250008-01**  
**Month of**                      **July 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	3.1	7	3.0	13	2.8	19	2.8	25	3.3
2	3.0	8	3.1	14	3.2	20	3.7	26	3.2
3	3.0	9	3.1	15	3.2	21	3.6	27	3.7
4	3.5	10	3.3	16	3.3	22	3.1	28	3.2
5	2.4	11	3.0	17	3.6	23	1.8	29	3.4
6	3.0	12	3.1	18	1.6	24	3.1	30	3.2
								31	3.7

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. 7/31/2020

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

**System ID**  
**Month of**

**250008-01**  
**July 2020**

Jul 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTER	HS #1
7/1	7.3100	0.7823	0.2115	0.1625
7/2	15.2250	0.9384	0.2028	0.1750
7/3	13.9888	0.4726	0.3000	0.1538
7/4	8.5250	0.7121	0.2213	0.1325
7/5	10.8687	0.9504	0.2113	0.1587
7/6	8.9350	0.9192	0.2641	0.1475
7/7	8.5644	0.9714	0.2406	0.1894
7/8	6.7775	1.1090	0.2174	0.1362
7/9	7.1444	0.4864	0.2546	0.1488
7/10	4.8687	0.4495	0.2208	0.1644
7/11	5.3669	0.3981	0.2054	0.1425
7/12	6.7944	0.3881	0.1970	0.1425
7/13	7.2775	0.5062	0.3516	0.1500
7/14	6.5338	0.4894	0.2496	0.1912
7/15	6.1894	1.1606	0.1990	0.1200
7/16	12.3606	0.5675	0.2150	0.1575
7/17	11.7119	0.4975	0.2743	0.1300
7/18	10.7250	0.5094	0.2364	0.1300
7/19	11.9944	0.6050	0.2375	0.1550
7/20	10.4119	0.7594	0.2672	0.1338
7/21	10.8706	0.5091	0.2248	0.1312
7/22	7.4481	0.5044	0.2476	0.1544
7/23	8.5381	0.5772	0.2741	0.2569
7/24	7.7100	0.5081	0.2633	0.1400
7/25	7.0212	0.6123	0.2251	0.1425
7/26	8.7575	0.6206	0.2639	0.1469
7/27	8.6700	0.6994	0.2650	0.1569
7/28	9.3913	0.6975	0.2551	0.1837
7/29	7.1612	0.6294	0.2443	0.1513
7/30	5.3594	0.5175	0.2603	0.2119
7/31	6.7544	0.3894	0.3003	0.1875
<b>MIN</b>	<b>4.8687</b>	<b>0.3881</b>	<b>0.1970</b>	<b>0.1200</b>
<b>MAX</b>	<b>15.2250</b>	<b>1.1606</b>	<b>0.3516</b>	<b>0.2569</b>
<b>AVG</b>	<b>8.6856</b>	<b>0.6431</b>	<b>0.2452</b>	<b>0.1576</b>

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

**System ID  
Month of**

**250008-01  
July 2020**

Jul 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
7/1	0.1206	0.1206	0.1225	0.1287	0.1625	0.1444
7/2	0.1644	0.1444	0.1544	0.1750	0.1725	0.1525
7/3	0.1538	0.1394	0.1287	0.1287	0.1338	0.1250
7/4	0.1119	0.1075	0.1119	0.1238	0.1325	0.1306
7/5	0.1587	0.1312	0.1206	0.1187	0.1437	0.1575
7/6	0.1475	0.1319	0.1344	0.1469	0.1356	0.1450
7/7	0.1419	0.1437	0.1306	0.1338	0.1462	0.1894
7/8	0.1331	0.1312	0.1362	0.1131	0.1119	0.0931
7/9	0.1100	0.1163	0.1262	0.1475	0.1488	0.1238
7/10	0.1163	0.1119	0.1287	0.1287	0.1169	0.1644
7/11	0.1169	0.1250	0.1425	0.1219	0.1056	0.1325
7/12	0.1213	0.1425	0.1175	0.1250	0.1119	0.1094
7/13	0.1137	0.1119	0.1187	0.1262	0.1500	0.1163
7/14	0.1125	0.1106	0.1131	0.1262	0.1912	0.1187
7/15	0.1163	0.0900	0.0894	0.1050	0.1088	0.1200
7/16	0.1150	0.1181	0.1169	0.1575	0.1281	0.1275
7/17	0.1287	0.1194	0.1269	0.1294	0.1300	0.1231
7/18	0.1219	0.1219	0.1238	0.1231	0.1275	0.1300
7/19	0.1300	0.1256	0.1256	0.1550	0.1287	0.1269
7/20	0.1219	0.1250	0.1219	0.1300	0.1338	0.1213
7/21	0.1213	0.1194	0.1256	0.1275	0.1312	0.1213
7/22	0.1187	0.1169	0.1194	0.1319	0.1469	0.1544
7/23	0.1425	0.1206	0.1225	0.1494	0.1325	0.2569
7/24	0.1362	0.1400	0.1287	0.1219	0.1225	0.1112
7/25	0.1250	0.1200	0.1244	0.1262	0.1275	0.1425
7/26	0.1275	0.1262	0.1219	0.1469	0.1275	0.1244
7/27	0.1256	0.1437	0.1238	0.1306	0.1369	0.1569
7/28	0.1350	0.1338	0.1394	0.1513	0.1837	0.1644
7/29	0.1437	0.1462	0.1269	0.1306	0.1437	0.1513
7/30	0.1338	0.1256	0.1231	0.2119	0.1569	0.1238
7/31	0.1231	0.1250	0.1875	0.1606	0.1400	0.1562
<b>MIN</b>	<b>0.1100</b>	<b>0.0900</b>	<b>0.0894</b>	<b>0.1050</b>	<b>0.1056</b>	<b>0.0931</b>
<b>MAX</b>	<b>0.1644</b>	<b>0.1462</b>	<b>0.1875</b>	<b>0.2119</b>	<b>0.1912</b>	<b>0.2569</b>
<b>AVG</b>	<b>0.1287</b>	<b>0.1253</b>	<b>0.1269</b>	<b>0.1365</b>	<b>0.1377</b>	<b>0.1392</b>

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

**System ID**  
**Month of**

**250008-01**  
**July 2020**

Jul 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
7/1	3.4	3.5	3.1	3.2	3.9	4.1
7/2	4.1	3.0	3.6	3.4	3.3	3.0
7/3	3.5	3.3	3.2	3.0	3.3	4.0
7/4	4.0	4.0	4.1	4.0	4.0	3.5
7/5	4.0	2.4	2.6	3.1	3.6	3.0
7/6	3.4	3.0	3.2	3.3	3.6	3.8
7/7	3.3	3.2	3.1	3.3	3.8	3.0
7/8	3.6	3.6	3.7	3.2	3.1	3.4
7/9	3.3	3.2	3.1	3.3	3.3	3.3
7/10	3.6	3.5	3.3	3.6	3.3	3.4
7/11	3.2	3.4	3.0	3.2	3.0	3.2
7/12	3.7	3.8	3.8	3.6	4.0	3.2
7/13	3.1	3.0	2.8	2.9	3.3	3.2
7/14	3.4	3.3	3.3	3.7	3.5	4.0
7/15	3.7	3.2	3.5	3.6	3.8	3.9
7/16	3.3	3.4	3.9	3.5	3.6	3.7
7/17	3.8	3.8	3.7	3.7	3.6	3.7
7/18	3.8	3.9	3.6	3.0	1.6	2.5
7/19	2.9	3.0	3.1	2.8	2.9	3.2
7/20	3.7	3.7	3.7	4.0	3.8	3.8
7/21	3.8	4.0	3.6	3.7	3.8	3.9
7/22	3.9	3.9	4.0	3.2	3.3	3.1
7/23	1.8	3.8	4.0	3.8	4.0	3.5
7/24	3.5	3.4	3.3	3.6	3.1	3.3
7/25	3.5	3.3	3.5	3.4	3.4	3.5
7/26	3.6	3.4	3.5	3.4	3.2	3.6
7/27	3.7	3.7	3.7	3.7	3.9	4.0
7/28	4.0	3.2	4.0	4.0	4.0	4.0
7/29	4.0	4.0	3.8	3.5	3.4	3.5
7/30	3.6	3.6	3.3	3.2	3.5	3.6
7/31	3.8	3.8	3.9	3.7	3.8	4.0
MIN	3.1	3.1	3.1	3.2	3.9	4.1
MAX	4.1	4.0	4.1	4.0	4.0	4.1
AVG	3.5	3.5	3.5	3.4	3.5	3.5

**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
7/1/2020	12:00 AM	OFF	0.0452	OFF	0.118	0.1159	0.0951	0.1823	0.1977	0.2115	0.0907	OFF	0.1135	OFF	0.111	OFF
	04:00 AM	OFF	0.0438	OFF	0.1154	0.1163	0.0921	0.1807	0.196	0.2049	0.0905	OFF	0.1137	OFF	0.1106	OFF
	08:00 AM	OFF	0.0433	OFF	0.1093	0.1144	0.0878	0.1786	0.1914	0.1948	0.1713	OFF	0.1226	OFF	0.1466	OFF
	12:00 PM	OFF	0.0729	OFF	0.1054	0.1123	0.0869	0.1694	0.191	0.1891	0.1171	OFF	0.1362	OFF	OFF	OFF
	04:00 PM	0.1922	OFF	OFF	0.1067	0.1118	0.0862	0.1696	0.1926	0.189	0.1136	OFF	0.1326	OFF	0.1779	OFF
	08:00 PM	0.1901	OFF	OFF	0.1007	0.1114	0.0821	0.1624	0.1865	0.1821	0.106	OFF	0.1266	OFF	0.1609	OFF
	AVG	0.1909	0.0529	OFF	0.1093	0.1137	0.0884	0.174	0.1925	0.1956	0.1083	OFF	0.1244	OFF	0.1414	OFF
7/2/2020	12:00 AM	0.2563	OFF	OFF	0.105	0.1151	0.0875	0.1688	0.1912	0.1862	0.108	OFF	0.1265	OFF	0.1542	OFF
	04:00 AM	0.0765	0.0694	OFF	0.1099	0.1169	0.0927	0.1783	0.1984	0.1932	0.1136	OFF	0.1316	OFF	0.1553	OFF
	08:00 AM	0.1213	0.0566	OFF	0.1136	0.1442	0.1151	0.1987	0.2005	0.1956	0.1164	OFF	0.1743	OFF	0.1481	OFF
	12:00 PM	0.1255	OFF	OFF	0.1132	0.1505	0.1769	0.1857	0.2028	0.198	0.1158	OFF	0.1321	OFF	0.1489	OFF
	04:00 PM	0.16	OFF	OFF	0.2	0.17	0.22	0.15	0.2	0.19	0.21	OFF	0.19	OFF	0.2	OFF
	08:00 PM	0.11	OFF	OFF	0.16	0.14	0.21	0.16	0.18	0.19	0.19	OFF	0.14	OFF	0.13	OFF
	AVG	0.1416	0.0594	OFF	0.1336	0.1394	0.1503	0.1735	0.1954	0.1921	0.1423	OFF	0.149	OFF	0.156	OFF
7/3/2020	12:00 AM	0.19	OFF	OFF	0.14	0.18	0.19	0.18	0.21	0.18	0.15	OFF	0.22	OFF	0.15	OFF
	04:00 AM	0.18	OFF	OFF	0.14	0.17	0.2	0.17	0.21	0.19	0.15	OFF	0.19	OFF	0.14	OFF
	08:00 AM	0.14	OFF	OFF	0.17	0.16	0.22	0.2	0.14	0.22	0.17	OFF	0.19	OFF	0.18	OFF
	12:00 PM	0.17	OFF	OFF	0.14	0.17	0.2	OFF	0.3	0.25	0.16	OFF	0.16	OFF	0.15	OFF
	04:00 PM	0.26	OFF	OFF	0.14	0.15	0.14	0.16	0.16	OFF	0.15	OFF	0.17	OFF	0.14	OFF
	08:00 PM	OFF	OFF	OFF	0.12	0.17	0.15	0.16	0.15	0.17	0.12	OFF	0.17	OFF	0.11	OFF
	AVG	0.18	OFF	OFF	0.14	0.16	0.18	0.17	0.19	0.2	0.15	OFF	0.18	OFF	0.14	OFF
7/4/2020	12:00 AM	OFF	0.0536	OFF	0.0842	0.1157	0.0818	0.1758	0.1976	0.1752	0.0824	OFF	0.1006	OFF	0.1147	OFF
	04:00 AM	OFF	0.053	OFF	0.0847	0.1155	0.0829	0.174	0.1957	0.1617	0.0829	OFF	0.1015	OFF	0.1091	OFF
	08:00 AM	OFF	0.0536	OFF	0.0877	0.1169	0.0893	0.185	0.2039	0.169	0.0862	OFF	0.1031	OFF	0.1217	OFF
	12:00 PM	OFF	0.0503	OFF	0.0871	0.1242	0.1028	0.2133	0.2213	0.1841	0.0983	OFF	0.1345	OFF	0.1225	OFF
	04:00 PM	OFF	OFF	OFF	0.1772	0.1248	0.1006	0.2063	0.2154	0.1783	0.1354	OFF	0.1633	OFF	0.1207	OFF
	08:00 PM	OFF	OFF	OFF	0.1492	0.1234	0.0991	0.198	0.2127	0.1769	0.1281	OFF	0.1527	OFF	0.1195	OFF
	AVG	OFF	0.0532	OFF	0.11	0.1202	0.093	0.1932	0.2081	0.1743	0.1016	OFF	0.1235	OFF	0.118	OFF
7/5/2020	12:00 AM	OFF	OFF	OFF	0.1407	0.1255	0.1003	0.2003	0.2143	0.1973	0.1295	OFF	0.1481	OFF	0.1218	OFF
	04:00 AM	OFF	0.0512	OFF	0.129	0.1256	0.0951	0.1904	0.2078	0.1947	0.1172	OFF	0.1357	OFF	0.1228	OFF
	08:00 AM	OFF	0.0342	OFF	0.0825	0.1089	0.0615	0.138	0.1666	0.1399	0.0762	OFF	0.099	OFF	0.1213	OFF
	12:00 PM	OFF	0.0409	OFF	0.0934	0.1237	0.065	0.1676	0.1809	0.1443	0.0862	OFF	0.1392	OFF	0.2067	OFF
	04:00 PM	OFF	0.0635	OFF	0.1282	0.1603	OFF	0.1934	0.2113	0.1685	0.1181	OFF	0.1338	OFF	0.1945	OFF
	08:00 PM	OFF	0.0529	OFF	0.1283	0.1519	OFF	0.1923	0.2111	0.1673	0.117	OFF	0.1405	OFF	0.1675	OFF
	AVG	OFF	0.049	OFF	0.1175	0.1338	0.0815	0.1811	0.1996	0.1677	0.1089	OFF	0.1328	OFF	0.1531	OFF
7/6/2020	12:00 AM	OFF	0.0461	OFF	0.1128	0.1364	OFF	0.1764	0.2043	0.1751	0.1038	OFF	0.1256	OFF	0.1433	OFF
	04:00 AM	OFF	0.048	OFF	0.1135	0.1353	0.1245	0.1727	0.1973	0.1833	0.1052	OFF	0.1338	OFF	0.1443	OFF
	08:00 AM	OFF	0.0726	OFF	0.1342	0.1427	0.1463	0.2641	0.1985	0.1817	0.1044	OFF	0.1269	OFF	0.142	OFF
	12:00 PM	OFF	0.0634	OFF	0.1159	0.1376	0.1242	0.2294	0.1932	0.1562	0.1004	OFF	0.1229	OFF	0.1335	OFF
	04:00 PM	OFF	OFF	OFF	0.1128	0.1338	0.1164	0.2202	0.191	0.178	0.0983	OFF	0.1322	OFF	0.1296	OFF
	08:00 PM	OFF	0.0502	OFF	0.1124	0.1317	0.1135	0.2154	0.2608	0.2114	0.0975	OFF	0.1221	OFF	0.1302	OFF
	AVG	OFF	0.0564	OFF	0.1175	0.1363	0.1258	0.221	0.2087	0.1804	0.1016	OFF	0.1274	OFF	0.1371	OFF
7/7/2020	12:00 AM	OFF	0.0487	OFF	0.1117	0.135	0.111	0.2099	0.2406	0.2069	0.0983	OFF	0.121	OFF	0.1287	OFF
	04:00 AM	OFF	0.0482	OFF	0.1058	0.1314	0.102	0.1955	0.2238	0.1805	0.0948	OFF	0.1168	OFF	0.123	OFF
	08:00 AM	OFF	0.0443	OFF	0.0983	0.1214	0.0787	0.1886	0.192	0.1532	0.0905	OFF	0.1259	OFF	0.1042	OFF
	12:00 PM	OFF	0.0677	OFF	0.1762	0.1162	0.0835	0.1971	0.2115	0.1708	0.1522	OFF	0.1484	OFF	0.1168	OFF
	04:00 PM	OFF	OFF	OFF	0.1576	0.1294	0.1035	0.2083	0.2245	0.1854	0.1445	OFF	0.1533	OFF	0.1265	OFF
	08:00 PM	OFF	OFF	OFF	0.1407	0.1277	0.1	0.1932	0.2182	0.1738	0.1281	OFF	0.1191	OFF	0.1219	OFF
	AVG	OFF	0.0488	OFF	0.1353	0.127	0.0965	0.1986	0.2189	0.1782	0.121	OFF	0.1313	OFF	0.1203	OFF

**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
7/8/2020	12:00 AM	OFF	OFF	OFF	0.1387	0.1278	0.1006	0.194	0.2174	0.193	0.1253	OFF	0.1211	OFF	0.122	OFF
	04:00 AM	OFF	OFF	OFF	0.1352	0.1276	0.0997	0.1918	0.2154	0.1852	0.1223	OFF	0.1207	OFF	0.1211	OFF
7/8/2020	08:00 AM	OFF	OFF	OFF	0.1084	0.123	0.0796	0.1614	0.188	0.1488	0.0981	OFF	0.1236	OFF	0.1106	OFF
	12:00 PM	OFF	OFF	OFF	0.0907	0.1485	0.0677	0.1552	0.1795	0.1404	0.086	OFF	0.127	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0772	0.1218	0.0791	0.1284	0.1655	0.1309	0.0746	OFF	0.1093	OFF	0.1131	OFF
	08:00 PM	OFF	OFF	OFF	0.0795	0.1151	0.0807	0.1333	0.1701	0.1355	0.0775	OFF	0.1165	OFF	0.1126	OFF
	AVG	OFF	OFF	OFF	0.1068	0.1263	0.0873	0.1634	0.1908	0.154	0.0996	OFF	0.1198	OFF	0.1163	OFF
7/9/2020	12:00 AM	OFF	OFF	OFF	0.099	0.1313	0.1057	0.1537	0.187	0.1599	0.0937	OFF	0.1151	OFF	0.1287	OFF
	04:00 AM	OFF	OFF	OFF	0.1065	0.1335	0.1099	0.162	0.1937	0.1542	0.1003	OFF	0.1226	OFF	0.1333	OFF
	08:00 AM	OFF	OFF	OFF	0.1082	0.1308	0.1124	0.1657	0.1964	0.1539	0.1017	OFF	0.1338	OFF	0.1353	OFF
	12:00 PM	OFF	OFF	OFF	0.1152	0.1335	0.1164	0.2546	0.204	0.2201	0.1064	OFF	0.1354	OFF	0.138	OFF
	04:00 PM	OFF	OFF	OFF	0.1057	0.1272	0.099	0.2092	0.1934	0.1854	0.097	OFF	0.121	OFF	0.1221	OFF
	08:00 PM	OFF	OFF	OFF	0.0964	0.1208	0.0911	0.2096	0.1885	0.1741	0.0901	OFF	0.1177	OFF	0.1153	OFF
AVG	OFF	OFF	OFF	0.1054	0.1295	0.106	0.1964	0.1941	0.1706	0.0983	OFF	0.1244	OFF	0.1288	OFF	
7/10/2020	12:00 AM	OFF	OFF	OFF	0.0958	0.121	0.0883	0.1983	0.1857	0.1742	0.0892	OFF	0.1194	OFF	0.1133	OFF
	04:00 AM	OFF	OFF	OFF	0.0917	0.1185	0.0835	0.1777	0.1825	0.1544	0.0858	OFF	0.1143	OFF	0.109	OFF
	08:00 AM	OFF	OFF	OFF	0.0911	0.117	0.0821	0.1721	0.1819	0.1523	0.0849	OFF	0.1081	OFF	0.108	OFF
	12:00 PM	OFF	0.0464	OFF	0.0921	0.1223	0.0812	0.1845	0.1843	0.1559	0.087	OFF	0.1383	OFF	0.1089	OFF
	04:00 PM	OFF	OFF	OFF	0.1367	0.1284	0.0776	0.1747	0.2208	0.1562	0.0849	OFF	0.1402	OFF	0.1071	OFF
	08:00 PM	OFF	OFF	OFF	0.1271	0.1303	0.0789	0.1714	0.2161	0.1519	0.0844	OFF	0.132	OFF	0.1073	OFF
AVG	OFF	0.0464	OFF	0.1065	0.1229	0.082	0.18	0.1951	0.1572	0.0861	OFF	0.1248	OFF	0.109	OFF	
7/11/2020	12:00 AM	OFF	OFF	OFF	0.1158	0.1307	0.0819	0.1695	0.2054	0.1742	0.0868	OFF	0.1283	OFF	0.1097	OFF
	04:00 AM	OFF	OFF	OFF	0.1101	0.1309	0.0824	0.1656	0.2007	0.1796	0.0859	OFF	0.123	OFF	0.1088	OFF
	08:00 AM	0.0337	0.0444	OFF	0.1073	0.1366	0.0801	0.1602	0.1955	0.1748	0.0849	OFF	0.1179	OFF	0.1065	OFF
	12:00 PM	0.0359	0.044	OFF	0.105	0.1345	0.0783	0.1628	0.1979	0.1746	0.0847	OFF	0.1155	OFF	0.106	OFF
	04:00 PM	0.0904	OFF	OFF	0.0999	0.1534	0.0761	0.1625	0.1932	0.1706	0.081	OFF	0.1184	OFF	0.1018	OFF
	08:00 PM	0.0903	OFF	OFF	0.1024	0.1524	0.0771	0.159	0.1931	0.1676	0.106	OFF	0.1126	OFF	OFF	OFF
AVG	0.0696	0.0442	OFF	0.1068	0.1396	0.0792	0.1634	0.1977	0.1735	0.0892	OFF	0.1194	OFF	0.1077	OFF	
7/12/2020	12:00 AM	0.0719	OFF	OFF	0.1069	0.1483	0.0823	0.1631	0.197	0.1699	0.1084	OFF	0.1163	OFF	OFF	OFF
	04:00 AM	0.082	OFF	OFF	0.1048	0.1435	0.0829	0.1611	0.1947	0.1682	0.1048	OFF	0.1152	OFF	OFF	OFF
	08:00 AM	0.0957	OFF	OFF	0.1033	0.1428	0.0809	0.1622	0.1936	0.157	0.1021	OFF	0.1178	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.1021	0.1412	0.12	0.1675	0.1929	0.1833	0.1007	OFF	0.1196	OFF	0.1229	OFF
	04:00 PM	OFF	OFF	OFF	0.0994	0.1389	0.1047	OFF	0.1913	0.1681	0.0972	OFF	0.1095	OFF	0.1197	OFF
	08:00 PM	0.1122	OFF	OFF	0.1116	0.1398	0.1021	0.2084	0.194	0.1605	0.098	OFF	0.1287	OFF	0.1209	OFF
AVG	0.0839	OFF	OFF	0.1048	0.1424	0.0971	0.1668	0.194	0.1673	0.1019	OFF	0.118	OFF	0.121	OFF	
7/13/2020	12:00 AM	0.2476	OFF	OFF	0.1056	0.1418	0.1135	0.2281	0.1976	0.1874	0.1013	OFF	0.1348	OFF	0.1243	OFF
	04:00 AM	0.3516	OFF	OFF	0.1077	0.1421	0.1105	0.2143	0.1981	0.1886	0.1048	OFF	0.1371	OFF	0.1274	OFF
	08:00 AM	OFF	OFF	OFF	0.1103	0.1363	0.1103	0.2104	0.1977	0.1739	0.1059	OFF	0.1376	OFF	0.1288	OFF
	12:00 PM	OFF	OFF	OFF	0.1027	0.1084	0.1009	0.1958	0.1921	0.171	0.102	OFF	OFF	OFF	0.125	OFF
	04:00 PM	OFF	OFF	OFF	0.0994	0.1077	0.0992	0.1908	0.1941	0.1661	0.0998	OFF	OFF	OFF	0.1214	OFF
	08:00 PM	OFF	OFF	OFF	0.0996	0.1105	0.0954	0.1852	0.1976	0.1621	0.0993	OFF	OFF	OFF	0.1201	OFF
AVG	0.2593	OFF	OFF	0.1042	0.1256	0.1075	0.2062	0.1963	0.1735	0.1022	OFF	0.1364	OFF	0.1245	OFF	
7/14/2020	12:00 AM	OFF	OFF	OFF	0.0983	0.1122	OFF	0.1828	0.1964	0.1752	0.0981	OFF	OFF	OFF	0.1190	OFF
	04:00 AM	OFF	OFF	OFF	0.0976	0.1125	0.1057	0.1812	0.1955	0.1672	0.0973	OFF	0.1454	OFF	0.1184	OFF
	08:00 AM	OFF	OFF	OFF	0.1230	0.1123	0.1086	0.1912	0.2009	0.1687	0.1009	OFF	0.1486	OFF	0.1232	OFF
	12:00 PM	OFF	OFF	OFF	0.1524	0.1130	0.1094	0.1941	0.2496	0.1712	OFF	OFF	0.1475	OFF	0.1247	OFF
	04:00 PM	OFF	OFF	OFF	0.1362	0.1120	0.1069	0.1912	0.2378	0.1666	OFF	OFF	0.1470	OFF	0.1229	OFF
	08:00 PM	OFF	OFF	OFF	0.1266	0.1118	0.1032	0.1842	0.2261	0.1607	OFF	OFF	0.1397	OFF	0.1193	OFF
AVG	OFF	OFF	OFF	0.1236	0.1123	0.1070	0.1876	0.2198	0.1681	0.0988	OFF	0.1457	OFF	0.1213	OFF	
7/15/2020	12:00 AM	OFF	OFF	OFF	0.0963	0.1079	0.0775	0.1466	0.1894	0.1532	OFF	OFF	0.1165	OFF	0.0993	OFF
	04:00 AM	OFF	OFF	OFF	0.0774	0.1012	0.0671	0.1329	0.1747	0.1369	OFF	OFF	0.0997	OFF	0.1056	OFF
	08:00 AM	OFF	OFF	OFF	0.0880	0.1030	0.0747	0.1461	0.1866	0.1393	0.1849	OFF	0.1130	OFF	0.1066	OFF
	12:00 PM	OFF	OFF	OFF	0.0970	0.1241	0.0809	0.1543	0.1954	0.1431	0.1257	OFF	0.1121	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0972	0.1230	0.0827	0.1544	0.1974	0.1763	0.1151	OFF	0.1144	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0985	0.1236	0.0855	OFF	0.1990	0.1708	0.1119	OFF	0.1135	OFF	OFF	OFF
AVG	OFF	OFF	OFF	0.0923	0.1156	0.0784	0.1462	0.1906	0.1523	0.1180	OFF	0.1117	OFF	0.1038	OFF	

**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
7/16/2020	12:00 AM	OFF	OFF	OFF	0.1037	0.1275	0.0915	OFF	0.2056	0.2028	0.1176	OFF	0.1197	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1078	0.1310	0.0941	OFF	0.2080	0.1794	0.1197	OFF	0.1240	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.1046	0.1271	0.0888	0.2126	0.2047	0.1604	0.1140	OFF	0.1274	OFF	0.1362	0.1749
	12:00 PM	OFF	OFF	OFF	0.1016	0.1221	0.0886	0.2121	0.2021	0.1587	0.1104	OFF	0.1458	OFF	0.1340	0.1711
	04:00 PM	OFF	OFF	OFF	OFF	0.1216	0.0913	0.2111	0.2039	0.1632	0.1121	OFF	0.1499	OFF	0.1338	0.1660
	08:00 PM	OFF	OFF	OFF	OFF	0.1244	0.0949	0.2150	0.2072	0.1663	0.1155	OFF	0.1514	OFF	0.1370	0.1663
	AVG	OFF	OFF	OFF	0.1051	0.1257	0.0915	0.2127	0.2052	0.1707	0.1149	OFF	0.1373	OFF	0.1352	0.1691
7/17/2020	12:00 AM	OFF	OFF	OFF	OFF	0.1260	0.0986	0.2114	0.2077	0.1697	0.1154	OFF	0.1506	OFF	0.1370	0.1651
	04:00 AM	OFF	OFF	OFF	OFF	0.1250	0.0935	0.2042	0.2062	0.1734	0.1129	OFF	0.1459	OFF	0.1344	0.1637
	08:00 AM	OFF	OFF	OFF	0.1408	0.1233	0.1194	0.2018	0.2056	0.1700	0.1120	OFF	0.1431	OFF	0.1336	0.1616
	12:00 PM	OFF	OFF	OFF	0.1981	0.1202	0.1471	0.1965	0.2629	0.1627	0.1084	OFF	0.1367	OFF	0.1301	0.1556
	04:00 PM	OFF	OFF	OFF	0.1354	OFF	0.1325	0.1957	0.2485	0.1622	0.1077	OFF	0.1364	OFF	0.1291	0.1534
	08:00 PM	OFF	OFF	OFF	0.2743	OFF	0.1307	0.1975	0.2421	0.1594	0.1088	OFF	0.1399	OFF	0.1293	0.1522
	AVG	OFF	OFF	OFF	0.1920	0.1242	0.1217	0.2012	0.2285	0.1662	0.1109	OFF	0.1422	OFF	0.1323	0.1587
7/18/2020	12:00 AM	OFF	OFF	OFF	OFF	0.1422	0.1276	0.1957	0.2364	0.1656	0.1073	OFF	0.1382	OFF	0.1282	0.1488
	04:00 AM	OFF	OFF	OFF	OFF	0.1438	0.1267	0.1951	0.2323	0.1593	0.1067	OFF	0.1383	OFF	0.1275	0.1541
	08:00 AM	OFF	OFF	OFF	OFF	0.1360	0.1190	0.1885	0.2241	0.1695	0.1039	OFF	0.1368	OFF	0.1251	0.1497
	12:00 PM	OFF	OFF	OFF	OFF	0.1295	0.1146	0.1901	0.2232	0.1834	0.1069	OFF	0.1358	OFF	0.1394	0.1529
	04:00 PM	OFF	OFF	OFF	OFF	0.1298	0.1158	0.1899	0.2254	0.2342	0.1245	OFF	0.1375	OFF	0.1697	0.1508
	08:00 PM	OFF	OFF	OFF	OFF	0.1313	0.1144	0.1887	0.2264	0.2420	0.1401	OFF	0.1373	OFF	0.1669	0.1480
	AVG	OFF	OFF	OFF	OFF	0.1352	0.1197	0.1913	0.2279	0.1881	0.1152	OFF	0.1373	OFF	0.1424	0.1507
7/19/2020	12:00 AM	OFF	OFF	OFF	OFF	0.1310	0.1150	0.1869	0.2236	0.2189	0.1330	OFF	0.1378	OFF	0.1581	0.1475
	04:00 AM	OFF	OFF	OFF	OFF	0.1297	0.1142	0.1849	0.2211	0.2185	0.1282	OFF	0.1360	OFF	0.1527	0.1412
	08:00 AM	OFF	OFF	OFF	0.0645	0.1281	0.1117	0.1839	0.2183	0.2105	0.1244	OFF	0.1367	OFF	0.1479	0.1421
	12:00 PM	OFF	OFF	OFF	0.0649	0.1241	0.1065	0.2375	0.2135	0.2017	0.117	OFF	0.1358	OFF	0.14	0.1747
	04:00 PM	OFF	OFF	OFF	0.0716	0.1226	0.1048	0.231	0.2159	0.1881	0.1176	OFF	OFF	OFF	0.1404	0.1643
	08:00 PM	OFF	OFF	OFF	0.0605	0.1243	0.1084	0.221	0.2141	0.1821	0.1163	OFF	0.1587	OFF	0.1381	0.1653
	AVG	OFF	OFF	OFF	0.0656	0.1266	0.1101	0.2087	0.2181	0.2033	0.123	OFF	0.14	OFF	0.1462	0.1571
7/20/2020	12:00 AM	OFF	OFF	OFF	0.0604	0.1246	0.1072	0.2128	0.2672	0.1772	0.1139	OFF	0.1626	OFF	0.1361	0.1624
	04:00 AM	OFF	OFF	OFF	OFF	0.1261	0.1072	0.2139	0.2549	0.1789	0.1159	OFF	0.1607	OFF	0.1378	0.1604
	08:00 AM	OFF	OFF	OFF	0.0457	0.1245	0.1173	0.2052	0.2433	0.1796	0.1127	OFF	0.1513	OFF	0.1341	0.1566
	12:00 PM	OFF	0.0309	OFF	0.0458	0.1356	0.1603	0.2059	0.2438	0.1681	0.1131	OFF	0.147	OFF	0.1353	0.1526
	04:00 PM	OFF	OFF	OFF	0.0423	0.1466	0.1332	0.1906	0.228	OFF	0.1037	OFF	0.144	OFF	0.1239	0.1441
	08:00 PM	OFF	OFF	OFF	0.036	0.1491	0.1261	0.1886	0.2257	OFF	0.1037	OFF	0.1399	OFF	0.1241	0.1419
	AVG	OFF	0.0309	OFF	0.0447	0.135	0.1269	0.2031	0.2422	0.1767	0.1106	OFF	0.1513	OFF	0.1319	0.1529

**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
7/21/2020	12:00 AM	OFF	OFF	OFF	0.0383	0.1476	0.123	0.1866	0.2248	0.2198	0.104	OFF	0.139	OFF	0.1243	0.1463
	04:00 AM	OFF	OFF	OFF	0.042	0.1467	0.1205	0.1851	0.2224	0.2122	0.1034	OFF	0.1373	OFF	0.1237	0.1467
	08:00 AM	OFF	OFF	OFF	0.0398	0.1456	0.1178	0.1836	0.2204	0.2117	0.1028	OFF	0.1365	OFF	0.1225	0.1425
	12:00 PM	OFF	OFF	OFF	0.0702	0.1475	0.1213	0.1872	0.2274	0.2176	0.1046	OFF	0.1373	OFF	0.1654	0.1425
	04:00 PM	OFF	OFF	OFF	0.0657	0.1475	0.1157	0.1823	0.2187	0.2101	0.1018	OFF	0.1335	OFF	0.154	OFF
	08:00 PM	OFF	OFF	OFF	0.0564	0.1463	0.1114	0.177	0.2127	0.2052	0.0996	OFF	0.1316	OFF	0.1451	OFF
	AVG	OFF	OFF	OFF	0.0516	0.1469	0.1184	0.1837	0.2214	0.2127	0.1027	OFF	0.1358	OFF	0.1382	0.1448
7/22/2020	12:00 AM	OFF	OFF	OFF	0.051	0.1467	0.1093	0.1741	0.2084	0.2013	0.0984	OFF	0.1288	OFF	0.1406	OFF
	04:00 AM	OFF	OFF	OFF	0.0516	0.1446	0.109	0.176	0.2074	0.2027	0.0997	OFF	0.1302	OFF	0.1413	OFF
	08:00 AM	OFF	OFF	OFF	0.0504	0.141	0.1117	0.1776	0.2119	0.2129	0.1089	OFF	0.135	OFF	0.1421	OFF
	12:00 PM	OFF	OFF	OFF	0.0515	0.1206	0.1158	0.2476	0.2266	0.2204	0.1418	OFF	0.1362	OFF	0.1457	OFF
	04:00 PM	OFF	OFF	OFF	0.0506	0.1216	0.114	0.2363	0.2288	0.2158	0.1346	OFF	0.1631	OFF	0.1428	OFF
	08:00 PM	OFF	OFF	OFF	0.0521	0.1259	0.1187	0.2261	0.2341	0.2215	0.1336	OFF	0.1626	OFF	0.1489	OFF
	AVG	OFF	OFF	OFF	0.0512	0.1332	0.1131	0.2106	0.2206	0.2115	0.1211	OFF	0.1441	OFF	0.1436	OFF
7/23/2020	12:00 AM	OFF	OFF	OFF	0.0502	0.1278	0.1116	0.2173	0.2246	0.1752	0.1284	OFF	0.1606	OFF	0.137	OFF
	04:00 AM	OFF	OFF	OFF	0.0477	0.1266	0.1081	0.208	0.2213	0.201	0.1214	OFF	0.153	OFF	0.1337	OFF
	08:00 AM	OFF	OFF	OFF	0.0462	0.1247	0.1084	0.2081	0.2329	0.2086	0.1218	OFF	0.1544	OFF	0.1345	0.1811
	12:00 PM	OFF	OFF	OFF	0.0534	0.1231	OFF	0.2078	0.2741	0.2144	0.1215	OFF	0.1501	OFF	0.1349	0.1775
	04:00 PM	OFF	OFF	OFF	0.0541	0.1237	0.1733	0.2128	0.2675	0.2136	0.1251	OFF	0.1556	OFF	0.1382	0.1781
	08:00 PM	OFF	OFF	OFF	0.268	OFF	0.171	0.2173	0.269	0.2172	0.1296	OFF	0.1621	OFF	0.1429	0.1799
	AVG	OFF	OFF	OFF	0.094	0.1254	0.1342	0.2119	0.2504	0.2036	0.1248	OFF	0.1561	OFF	0.1369	0.1788
7/24/2020	12:00 AM	OFF	OFF	OFF	0.1399	OFF	0.1612	0.2158	0.2633	0.2101	0.1293	OFF	0.1622	OFF	0.1424	0.1735
	04:00 AM	OFF	OFF	OFF	0.071	OFF	0.1485	0.207	0.252	0.2002	0.1233	OFF	0.1554	OFF	0.1372	0.1651
	08:00 AM	OFF	OFF	OFF	0.0627	OFF	0.1389	0.1993	0.2422	0.1974	0.1174	OFF	0.1474	OFF	0.1321	0.155
	12:00 PM	OFF	OFF	OFF	0.0486	0.1371	0.13	0.1921	0.2329	0.1985	0.1138	OFF	0.1455	OFF	0.1278	0.1517
	04:00 PM	OFF	OFF	OFF	0.0518	0.1379	0.0842	0.149	0.1939	0.2032	0.0859	OFF	0.132	OFF	0.0997	0.1217
	08:00 PM	OFF	OFF	OFF	0.055	0.136	0.1044	0.1653	0.2131	0.2204	0.0964	OFF	0.1285	OFF	OFF	0.1366
	AVG	OFF	OFF	OFF	0.0742	0.137	0.1291	0.1886	0.2333	0.2053	0.1112	OFF	0.1455	OFF	0.1339	0.1505
7/25/2020	12:00 AM	OFF	OFF	OFF	0.059	0.1398	0.1125	0.1732	0.2198	0.214	0.1019	OFF	0.1325	OFF	OFF	0.14
	04:00 AM	OFF	OFF	OFF	0.0595	0.141	0.117	0.1784	0.2242	0.219	0.1053	OFF	0.1371	OFF	OFF	0.1429
	08:00 AM	OFF	OFF	OFF	0.0589	0.1393	0.1179	0.1782	0.2238	0.2122	0.1057	OFF	0.1352	OFF	OFF	0.141
	12:00 PM	OFF	OFF	OFF	0.0577	0.1398	0.1159	0.1792	0.2243	0.2251	0.1063	OFF	0.1362	OFF	OFF	0.1404
	04:00 PM	OFF	OFF	OFF	0.0565	0.138	0.1146	0.1812	0.2223	0.2147	0.0998	OFF	0.1395	OFF	OFF	0.1387
	08:00 PM	OFF	OFF	OFF	0.054	0.1375	0.1121	OFF	0.2187	0.2032	0.1345	OFF	0.1347	OFF	OFF	0.1364
	AVG	OFF	OFF	OFF	0.0577	0.1392	0.115	0.1775	0.2221	0.2143	0.1102	OFF	0.1359	OFF	OFF	0.1399
7/26/2020	12:00 AM	OFF	OFF	OFF	0.0506	0.1369	0.1091	OFF	0.2165	0.2059	0.1291	OFF	0.1325	OFF	OFF	0.1401
	04:00 AM	OFF	OFF	OFF	0.0483	0.1365	0.1080	OFF	0.2161	0.2041	0.1260	OFF	0.1309	OFF	OFF	0.1374
	08:00 AM	OFF	OFF	OFF	0.0497	0.1372	0.1089	0.2363	0.2176	0.2218	0.1269	OFF	0.1329	OFF	0.1509	0.1423
	12:00 PM	OFF	OFF	OFF	0.0476	0.1354	0.1062	0.2639	0.2160	0.2124	0.1228	OFF	OFF	OFF	0.1479	0.1374
	04:00 PM	OFF	OFF	OFF	0.0456	0.1335	0.1030	0.2317	0.2122	0.2015	0.1190	OFF	0.1723	OFF	0.1425	OFF
	08:00 PM	OFF	OFF	OFF	0.0457	0.1345	0.1051	0.2245	0.2119	0.2054	0.1195	OFF	0.1699	OFF	0.1428	OFF
AVG	OFF	OFF	OFF	0.0480	0.1356	0.1067	0.2401	0.2150	0.2077	0.1237	OFF	0.1482	OFF	0.1458	0.1392	



**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
7/27/2020	12:00 AM	OFF	OFF	OFF	0.0468	0.1367	0.1083	0.2230	0.2140	0.2094	0.1213	OFF	0.1697	OFF	0.1443	OFF
	04:00 AM	OFF	OFF	OFF	0.0459	0.1361	0.1085	0.2154	0.2131	0.1912	0.1194	OFF	0.1646	OFF	0.1421	OFF
	08:00 AM	OFF	OFF	OFF	0.0443	0.1349	0.1047	0.2060	0.2138	0.1870	0.1159	OFF	0.1594	OFF	0.1381	0.1794
	12:00 PM	OFF	OFF	OFF	0.0428	0.1318	OFF	0.1966	0.2650	0.1889	0.1120	OFF	0.1508	OFF	0.1343	0.1696
	04:00 PM	OFF	OFF	OFF	0.0426	0.1002	0.1607	0.1981	0.2544	0.1912	0.1126	OFF	0.1504	OFF	0.1350	0.1660
	08:00 PM	OFF	OFF	OFF	0.0437	OFF	0.1547	0.2003	0.2537	0.1956	0.1154	OFF	0.1582	OFF	0.1371	0.1673
	AVG	OFF	OFF	OFF	0.0445	0.1348	0.1301	0.2068	0.2399	0.1933	0.1162	OFF	0.1588	OFF	0.1385	0.1688
7/28/2020	12:00 AM	OFF	OFF	OFF	0.0470	OFF	0.1527	0.2062	0.2551	0.1904	0.1179	OFF	0.1665	OFF	0.1395	0.1698
	04:00 AM	OFF	OFF	OFF	0.0468	OFF	0.1498	0.2025	0.2517	0.1778	0.1173	OFF	0.1643	OFF	0.1386	0.1624
	08:00 AM	OFF	OFF	OFF	0.0504	0.1478	0.1423	0.1985	0.2447	0.1710	0.1145	OFF	0.1604	OFF	0.1356	0.1593
	12:00 PM	OFF	OFF	OFF	0.0807	0.1656	0.1373	0.1940	0.2415	0.2015	0.1125	OFF	0.1536	OFF	0.1339	0.1578
	04:00 PM	OFF	OFF	OFF	0.0747	0.1607	0.1358	0.1927	0.2409	0.2170	0.1122	OFF	0.1548	OFF	OFF	0.1578
	08:00 PM	OFF	OFF	OFF	0.0771	0.1612	0.1421	0.2005	0.2470	0.2200	0.1166	OFF	0.1624	OFF	OFF	0.1582
	AVG	OFF	OFF	OFF	0.0629	0.1608	0.1435	0.1991	0.2469	0.1968	0.1153	OFF	0.1605	OFF	0.1375	0.1610
7/29/2020	12:00 AM	OFF	OFF	OFF	0.0737	0.1604	0.1397	0.1994	0.2443	0.2267	0.1167	OFF	0.1623	OFF	OFF	0.1592
	04:00 AM	OFF	OFF	OFF	0.0660	0.1555	0.1294	0.1877	0.2331	0.2229	0.1104	OFF	0.1524	OFF	OFF	0.1469
	08:00 AM	OFF	OFF	OFF	0.0590	0.1493	0.1249	0.1850	0.2313	0.1874	0.1087	OFF	0.1502	OFF	0.1856	0.1456
	12:00 PM	OFF	OFF	OFF	0.0499	0.1428	0.1115	0.2114	0.2167	0.1706	0.1326	OFF	0.1533	OFF	0.1556	0.1402
	04:00 PM	OFF	OFF	OFF	0.0427	0.1358	0.1027	0.2075	0.2116	0.1614	0.1208	OFF	OFF	OFF	0.1393	0.1347
	08:00 PM	OFF	OFF	OFF	0.0353	0.1324	0.0969	0.1899	0.2047	0.1578	0.1104	OFF	OFF	OFF	0.1282	0.1300
	AVG	OFF	OFF	OFF	0.0538	0.1459	0.1180	0.1963	0.2243	0.1873	0.1160	OFF	0.1549	OFF	0.1457	0.1425
7/30/2020	12:00 AM	OFF	OFF	OFF	0.0439	0.1376	0.1091	0.2137	0.2182	0.1946	0.1277	OFF	OFF	OFF	0.1460	0.1442
	04:00 AM	OFF	OFF	OFF	0.0419	0.1397	0.1036	0.1944	0.2149	0.1995	0.1168	OFF	OFF	OFF	0.1348	0.1384
	08:00 AM	OFF	OFF	OFF	0.0421	0.1378	0.1042	0.1958	0.2140	0.2134	0.1181	OFF	0.1626	OFF	0.1360	0.1617
	12:00 PM	OFF	OFF	OFF	0.0404	0.1355	0.0998	0.1900	0.2603	0.1981	0.1151	OFF	0.1596	OFF	0.1326	0.1638
	04:00 PM	OFF	OFF	OFF	0.0375	0.1346	OFF	0.1842	0.2462	0.1967	0.1123	OFF	0.1526	OFF	0.1292	0.1606
	08:00 PM	OFF	OFF	OFF	0.0385	0.1360	OFF	0.1891	0.2463	0.2060	0.1148	OFF	0.1543	OFF	0.1321	0.1607
	AVG	OFF	OFF	OFF	0.0408	0.1368	0.1054	0.1947	0.2355	0.2007	0.1174	OFF	0.1571	OFF	0.1351	0.1547
7/31/2020	12:00 AM	OFF	OFF	OFF	0.0402	0.1375	OFF	0.1904	0.2444	0.2160	0.1160	OFF	0.1544	OFF	0.1323	0.1664
	04:00 AM	OFF	OFF	OFF	0.0422	0.1387	OFF	0.1958	0.2484	0.2084	0.1201	OFF	0.1665	OFF	0.1343	0.1725
	08:00 AM	OFF	OFF	OFF	0.0554	0.1387	0.1683	0.1957	0.2463	0.2068	0.1199	OFF	0.1594	OFF	0.1338	0.1709
	12:00 PM	OFF	OFF	OFF	0.0768	0.1540	0.1679	0.1956	0.2497	0.2245	0.1200	OFF	0.1551	OFF	0.1343	0.1714
	04:00 PM	OFF	OFF	OFF	0.0737	0.1653	0.1563	0.1965	0.2466	0.3003	0.1187	OFF	0.1556	OFF	0.1320	0.1670
	08:00 PM	OFF	OFF	OFF	0.0698	0.1611	0.1477	0.1902	0.2399	0.2697	0.1161	OFF	0.1532	OFF	0.1277	0.1593
	AVG	OFF	OFF	OFF	0.0594	0.1494	0.1597	0.1940	0.2459	0.2334	0.1184	OFF	0.1576	OFF	0.1324	0.1680

### JH Fewell (TF081) UV Compliance

System ID 250008-01

Month Of July 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 <sup>2</sup> )	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm <sup>2</sup> )	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm <sup>2</sup> )	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm <sup>2</sup> )	Min UVT (%)			
7/1/2020	17.5	17503867	24.0	24	85	OFFLINE			24.0	25	75	4.0	24	87			
7/2/2020	16.8	16773413	24.0	24	85				24.0	25	75	1.5	24	87			
7/3/2020	16.3	16303549	11.3	23	85				24.0	25	75	12.7	28	87			
7/4/2020	15.8	15760342	OFFLINE						24.0	27	75	24.0	30	87			
7/5/2020	15.7	15696778							24	27	75	24	32	87			
7/6/2020	15.5	15487426							24	26	75	24	33	87			
7/7/2020	14.9	14936967							24	27	75	21.3	33	87			
7/8/2020	15.6	15574785							14.7	24	85	9.2	27	75	24	34	87
7/9/2020	15.4	15390261							24	24	85	OFFLINE			24	34	87
7/10/2020	15.5	15528013							24	24	85				24	35	87
7/11/2020	15.6	15597375				24	24	85	24	35	87						
7/12/2020	12.3	12264765				24	24	85	14	34	87						
7/13/2020	12.2	12212161				24	26	85	20.5	35	87						
7/14/2020	13.7	13710169	24	25	85	18	34	87									
7/15/2020	13.2	13175829	24	25	85	20.5	34	87									
7/16/2020	15.3	15293320	24	24	85	24	32	87									
7/17/2020	15.2	15238826	24	24	85	24	31	87									
7/18/2020	15.3	15288257	24	26	85	24	31	87									
7/19/2020	13.7	13682416	24	28	85	18.5	27	87									
7/20/2020	13.7	13679611	24	27	85	7.5	26	75	10	28	87						
7/21/2020	14.5	14499216	24	26	85	19	25	75	OFFLINE								
7/22/2020	15.1	15105443	24	25	85	21	25	75									
7/23/2020	14.3	14292044	24	25	85	18.5	22	75									
7/24/2020	16.1	16141026	24	25	85	24	20	75	2	22	87						
7/25/2020	16	15963985	24	24	85	22	20	75									
7/26/2020	15.9	15887617	24	25	85	19	21	75	5	25	87						
7/27/2020	14.6	14643219	20.8	25	85	9.7	22	75	14	27	87						
7/28/2020	16.1	16054572	24	23	85	24	19	75	OFFLINE								
7/29/2020	15.6	15623832	24	25	85	22.2	25	75									
7/30/2020	15.3	15343145	24	26	85	21.4	26	75									
7/31/2020	16.1	16053126	24	26	85	24	28	75									

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

**System ID**                    **250008-02**  
**Month of**                      **July 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	2.0	7	2.3	13	1.1	19	2.0	25	2.2
2	2.6	8	2.3	14	0.8	20	2.6	26	2.2
3	2.1	9	2.3	15	0.8	21	2.6	27	2.0
4	2.7	10	1.6	16	2.5	22	1.3	28	3.7
5	2.5	11	2.0	17	1.1	23	2.5	29	2.9
6	2.8	12	2.0	18	2.1	24	2.3	30	2.8
								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. 7/30/2020

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

**System ID**  
**Month of**

**250008-02**  
**July 2020**

Jul 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTERS	FINISHED
7/1	4.2250	0.4025	0.0761	0.2763
7/2	4.1000	0.4025	0.0770	0.1250
7/3	3.9750	0.4019	0.0820	0.1625
7/4	3.8312	0.2906	0.0811	0.1519
7/5	3.8562	0.2894	0.0812	0.1663
7/6	3.8250	0.2944	0.0883	0.1375
7/7	11.5875	0.2619	0.0827	0.2788
7/8	8.8188	0.5100	0.0813	0.1931
7/9	12.1313	0.4460	0.0708	0.1187
7/10	13.8688	0.4950	0.0704	0.1400
7/11	11.0625	0.4730	0.0732	0.1213
7/12	10.3688	0.6620	0.0724	0.1250
7/13	10.0500	0.5800	0.0811	0.1175
7/14	9.0875	0.5069	0.0969	0.1744
7/15	6.7375	0.6938	0.0872	0.1462
7/16	7.5375	0.9850	0.1230	0.1437
7/17	7.7563	0.4010	0.0833	0.1225
7/18	6.4313	0.3644	0.0940	0.1300
7/19	6.9812	0.2844	0.0803	0.1714
7/20	7.1750	0.2769	0.1004	0.1526
7/21	6.4062	0.2256	0.1033	0.1860
7/22	5.5125	0.2206	0.0907	0.1160
7/23	5.0375	0.9906	0.0948	0.0987
7/24	4.5312	0.3512	0.0995	0.1012
7/25	3.9688	0.1725	0.1128	0.1794
7/26	4.1562	0.1694	0.0952	0.2887
7/27	4.0188	0.1700	0.0891	0.1456
7/28	3.3312	0.1794	0.0937	0.1306
7/29	4.1437	0.4400	0.0844	0.1594
7/30	4.0250	0.4560	0.1264	0.2025
7/31	4.0188	0.1756	0.0677	0.1275
<b>MIN</b>	<b>3.3312</b>	<b>0.1694</b>	<b>0.0677</b>	<b>0.0987</b>
<b>MAX</b>	<b>13.8688</b>	<b>0.9906</b>	<b>0.1264</b>	<b>0.2887</b>
<b>AVG</b>	<b>6.5341</b>	<b>0.4056</b>	<b>0.0884</b>	<b>0.1249</b>

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

System ID  
Month of

250008-02  
July 2020

Jul 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
7/1	0.1181	0.1156	0.1175	0.2763	0.1187	0.1219
7/2	0.1250	0.1238	0.1244	0.1231	0.1244	0.1238
7/3	0.1225	0.1225	0.1238	0.1544	0.1625	0.1275
7/4	0.1206	0.1206	0.1519	0.1225	0.1225	0.1175
7/5	0.1181	0.1663	0.1169	0.1175	0.1200	0.1225
7/6	0.1256	0.1312	0.1281	0.1375	0.1256	0.1225
7/7	0.1238	0.2788	0.1200	0.1625	0.1244	0.1231
7/8	0.1225	0.1931	0.1306	0.1306	0.1213	0.1187
7/9	0.1137	0.1175	0.1187	0.1181	0.1175	0.1181
7/10	0.1175	0.1163	0.1194	0.1400	0.1181	0.1156
7/11	0.1200	0.1213	0.1187	0.1200	0.1156	0.1119
7/12	0.1125	0.1250	0.1112	0.1088	0.1081	0.1106
7/13	0.1137	0.1137	0.1175	0.1163	0.1137	0.1081
7/14	0.1213	0.1356	0.1394	0.1531	0.1462	0.1744
7/15	0.1462	0.1394	0.1331	0.1244	0.1019	0.1137
7/16	0.1219	0.1269	0.1325	0.1437	0.1431	0.1269
7/17	0.1200	0.1150	0.1069	0.1220	0.1169	0.1225
7/18	0.1269	0.1281	0.1281	0.1287	0.1300	0.1281
7/19	0.1714	0.0919	0.1130	0.1152	0.0804	0.0836
7/20	0.0861	0.1526	0.0876	0.0822	0.1080	0.1082
7/21	0.1860	0.1688	0.0906	0.0861	0.0954	0.1064
7/22	0.1038	0.0833	0.1150	0.1160	0.0920	0.0919
7/23	0.0909	0.0905	0.0885	0.0887	0.0937	0.0987
7/24	0.0987	0.1012	0.0992	0.0928	0.0928	0.0928
7/25	0.0974	0.1001	0.0740	0.1310	0.1250	0.1794
7/26	0.1506	0.1375	0.2887	0.1325	0.1306	0.1300
7/27	0.1331	0.1306	0.1375	0.1356	0.1369	0.1456
7/28	0.1231	0.1225	0.1306	0.1275	0.1262	0.1206
7/29	0.1213	0.1213	0.1206	0.1594	0.1206	0.1213
7/30	0.1181	0.1819	0.2025	0.1831	0.1156	0.1156
7/31	0.1275	0.1225	0.1137	0.1137	0.1075	0.1206
MIN	0.0861	0.0833	0.0740	0.0822	0.0804	0.0836
MAX	0.1860	0.2788	0.2887	0.2763	0.1625	0.1794
AVG	0.1225	0.1321	0.1258	0.1311	0.1179	0.1201

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

System ID  
 Month of

250008-02  
 July 2020

Jul 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
7/1	2.6	2.3	3.1	2.6	2.8	2.0
7/2	2.8	2.6	2.9	3.2	3.4	3.2
7/3	2.7	2.1	2.9	2.6	2.7	2.9
7/4	2.8	3.5	2.7	3.2	2.8	2.9
7/5	2.9	2.5	4.0	2.8	3.9	3.0
7/6	3.5	3.5	3.0	3.9	2.9	2.8
7/7	3.1	3.0	2.3	2.5	3.6	3.4
7/8	2.7	2.4	2.3	3.0	2.5	2.3
7/9	2.3	3.6	3.4	3.1	4.3	2.9
7/10	3.3	3.8	3.9	3.4	1.6	1.7
7/11	2.0	2.8	3.5	2.7	3.1	2.4
7/12	2.5	2.5	2.4	2.1	2.0	2.2
7/13	2.0	1.9	1.8	2.1	1.9	1.1
7/14	0.8	1.8	1.7	1.5	1.7	1.6
7/15	1.9	1.1	0.8	1.5	2.4	3.5
7/16	2.9	3.3	2.5	2.8	3.1	3.0
7/17	3.0	2.8	3.5	1.1	2.6	3.0
7/18	3.4	3.2	2.5	2.1	2.7	3.0
7/19	4.0	2.9	2.0	2.2	2.5	2.5
7/20	2.6	2.9	3.4	3.5	3.7	3.0
7/21	3.3	2.9	3.2	2.6	2.6	2.7
7/22	2.5	2.4	2.2	1.3	2.3	3.0
7/23	3.5	3.2	3.7	3.4	3.2	2.5
7/24	2.3	3.6	2.5	2.8	3.3	3.8
7/25	3.6	3.1	3.7	2.7	2.8	2.2
7/26	2.2	3.3	2.2	3.1	4.4	3.8
7/27	4.0	3.1	3.2	2.1	2.0	3.1
7/28	4.2	3.9	3.7	4.0	4.3	4.0
7/29	3.4	3.5	2.9	3.1	4.5	4.9
7/30	4.5	3.3	2.9	3.2	2.8	3.1
7/31	2.9	2.8	2.8	3.6	3.5	2.9
MIN	0.8	1.1	0.8	1.1	1.6	1.1
MAX	4.5	3.9	4.0	4.0	4.5	4.9
AVG	2.9	2.9	2.8	2.7	3.0	2.8

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
07/01/20	12:00 AM	0.0439	OFF	0.0503	0.0739	OFF	0.0742
	4:00 AM	0.0448	OFF	0.0509	0.0743	OFF	0.0734
	8:00 AM	0.0439	OFF	0.0511	0.0743	OFF	0.0728
	12:00 PM	0.0449	OFF	0.0511	0.0744	OFF	0.0718
	4:00 PM	0.0458	OFF	0.0516	0.0750	OFF	0.0730
	8:00 PM	0.0573	OFF	0.0527	0.0761	OFF	0.0756
	AVG	0.0468	OFF	0.0513	0.0747	OFF	0.0735
07/02/20	12:00 AM	0.0579	OFF	0.0510	0.0738	OFF	0.0701
	4:00 AM	0.0558	OFF	0.0503	0.0729	OFF	0.0689
	8:00 AM	0.0628	OFF	0.0521	0.0770	OFF	0.0751
	12:00 PM	0.0651	OFF	0.0660	OFF	OFF	0.0750
	4:00 PM	0.0683	OFF	0.0491	0.0692	OFF	0.0728
	8:00 PM	0.0699	OFF	0.0499	0.0697	OFF	0.0714
	AVG	0.0633	OFF	0.0531	0.0725	OFF	0.0722
07/03/20	12:00 AM	0.0735	OFF	0.0499	0.0695	OFF	0.0682
	4:00 AM	0.0753	OFF	0.0508	0.0705	OFF	0.0690
	8:00 AM	0.0720	OFF	0.0531	0.0731	OFF	0.0715
	12:00 PM	0.0711	OFF	0.0534	0.0739	OFF	0.0733
	4:00 PM	OFF	OFF	0.0549	0.0754	OFF	0.0742
	8:00 PM	0.0466	OFF	0.0604	0.0820	OFF	0.0790
	AVG	0.0677	OFF	0.0537	0.0740	OFF	0.0725
07/04/20	12:00 AM	0.0452	OFF	0.0599	0.0811	OFF	0.0806
	4:00 AM	0.0463	OFF	0.0594	0.0800	OFF	0.0766
	8:00 AM	0.0442	OFF	0.0575	0.0779	OFF	0.0764
	12:00 PM	0.0414	OFF	0.0572	0.0780	OFF	OFF
	4:00 PM	0.0403	OFF	0.0560	0.0761	OFF	0.0683
	8:00 PM	0.0407	OFF	0.0553	0.0748	OFF	0.0689
	AVG	0.0430	OFF	0.0575	0.0780	OFF	0.0742
07/05/20	12:00 AM	0.0427	OFF	0.0555	0.0752	OFF	0.0716
	4:00 AM	0.0445	OFF	0.0571	0.0769	OFF	0.0737
	8:00 AM	0.0428	OFF	OFF	0.0687	OFF	0.0736
	12:00 PM	0.0436	OFF	0.0488	0.0707	OFF	0.0741
	4:00 PM	0.0496	OFF	0.0524	0.0746	OFF	0.0784
	8:00 PM	0.0573	OFF	0.0569	0.0789	OFF	0.0812
	AVG	0.0468	OFF	0.0536	0.0742	OFF	0.0754
07/06/20	12:00 AM	0.0581	OFF	0.0577	0.0794	OFF	0.0784
	4:00 AM	0.0670	OFF	0.0591	0.0796	OFF	0.0818
	8:00 AM	0.0417	OFF	0.0561	0.0767	OFF	0.0787
	12:00 PM	0.0423	OFF	0.0571	0.0785	OFF	0.0883
	4:00 PM	0.0463	OFF	0.0587	0.0801	OFF	0.0790
	8:00 PM	0.0475	OFF	0.0609	0.0821	OFF	0.0796
	AVG	0.0505	OFF	0.0583	0.0794	OFF	0.0810
07/07/20	12:00 AM	0.0436	OFF	0.0576	0.0784	OFF	0.0741
	4:00 AM	0.0419	OFF	0.0556	0.0760	OFF	0.0727
	8:00 AM	0.0412	OFF	0.0564	0.0772	OFF	0.0763
	12:00 PM	0.0421	OFF	0.0585	0.0793	OFF	0.0788
	4:00 PM	0.0420	OFF	0.0586	0.0793	OFF	0.0804
	8:00 PM	0.0449	OFF	0.0601	0.0809	OFF	0.0827
	AVG	0.0426	OFF	0.0578	0.0785	OFF	0.0775
07/08/20	12:00 AM	0.0421	OFF	0.0578	0.0781	OFF	0.0758
	4:00 AM	0.0410	OFF	0.0564	0.0763	OFF	0.0718
	8:00 AM	0.0437	OFF	0.0560	0.0813	OFF	0.0725
	12:00 PM	0.0417	OFF	0.0557	0.0700	OFF	0.0721
	4:00 PM	0.0398	OFF	0.0543	0.0675	OFF	0.0728
	8:00 PM	0.0423	OFF	0.0537	0.0673	OFF	0.0689
	AVG	0.0418	OFF	0.0556	0.0734	OFF	0.0723

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
07/09/20	4:00 AM	0.0439	OFF	0.0533	0.0682	OFF	0.0663
	8:00 AM	0.0415	OFF	0.0536	0.0681	OFF	0.0663
	12:00 PM	0.0397	OFF	0.0532	0.0682	OFF	0.0652
	4:00 PM	0.0440	OFF	0.0547	0.0704	OFF	0.0708
	8:00 PM	0.0489	OFF	0.0546	0.0706	OFF	0.0702
	AVG	0.0447	OFF	0.0537	0.0687	OFF	0.0674
07/10/20	12:00 AM	0.0512	OFF	0.0545	0.0704	OFF	0.0680
	4:00 AM	0.0517	OFF	0.0542	0.0700	OFF	0.0647
	8:00 AM	0.0524	OFF	0.0627	0.0702	OFF	0.0690
	12:00 PM	0.0514	OFF	0.0475	0.0703	OFF	0.0674
	4:00 PM	0.0524	OFF	0.0461	0.0698	OFF	0.0675
	8:00 PM	0.0566	OFF	0.0477	0.0703	OFF	0.0703
	AVG	0.0526	OFF	0.0521	0.0702	OFF	0.0678
07/11/20	12:00 AM	0.0558	OFF	0.0504	0.0708	OFF	0.0669
	4:00 AM	0.0643	OFF	0.0511	0.0708	OFF	0.0682
	8:00 AM	OFF	OFF	0.0511	0.0714	OFF	0.0700
	12:00 PM	0.0311	OFF	0.0498	0.0712	OFF	0.0732
	4:00 PM	0.0317	OFF	0.0503	0.0716	OFF	0.0610
	8:00 PM	0.0344	OFF	0.0518	0.0727	OFF	0.0654
	AVG	0.0427	OFF	0.0507	0.0714	OFF	0.0674
07/12/20	12:00 AM	0.0335	OFF	0.0517	0.0724	OFF	0.0627
	4:00 AM	0.0343	OFF	0.0516	OFF	OFF	0.0636
	8:00 AM	0.0329	OFF	0.0512	0.0618	OFF	0.0644
	12:00 PM	0.0328	OFF	0.0519	0.0628	OFF	0.0663
	4:00 PM	0.0334	OFF	0.0523	0.0637	OFF	0.0681
	8:00 PM	0.0357	OFF	0.0539	0.0661	OFF	0.0699
	AVG	0.0338	OFF	0.0521	0.0669	OFF	0.0658
07/13/20	12:00 AM	0.0370	OFF	0.0548	0.0678	OFF	0.0679
	4:00 AM	0.0416	OFF	0.0613	0.0678	OFF	0.0691
	8:00 AM	0.0397	OFF	0.0507	0.0676	OFF	0.0683
	12:00 PM	0.0384	OFF	0.0500	0.0680	OFF	0.0704
	4:00 PM	0.0441	OFF	0.0554	0.0724	OFF	0.0763
	8:00 PM	0.0536	OFF	0.0619	0.0777	OFF	0.0811
	AVG	0.0424	OFF	0.0557	0.0702	OFF	0.0722
07/14/20	12:00 AM	0.0660	OFF	0.0736	0.0881	OFF	0.0894
	4:00 AM	0.0612	OFF	0.0674	0.0836	OFF	0.0865
	8:00 AM	0.0689	OFF	0.0756	0.0918	OFF	0.0969
	12:00 PM	0.0663	OFF	0.0696	0.0868	OFF	0.0912
	4:00 PM	0.0685	OFF	0.0682	0.0854	OFF	0.0938
	8:00 PM	0.0700	OFF	0.0671	0.0840	OFF	0.0916
	AVG	0.0668	OFF	0.0703	0.0866	OFF	0.0916
07/15/20	12:00 AM	0.0543	OFF	0.0672	0.0843	OFF	0.0872
	4:00 AM	0.0462	OFF	0.0627	0.0797	OFF	0.0813
	8:00 AM	0.0421	OFF	0.0594	0.0765	OFF	0.0804
	12:00 PM	0.0381	OFF	0.0569	0.0745	OFF	OFF
	4:00 PM	0.0415	OFF	0.0591	0.0766	OFF	0.0770
	8:00 PM	0.0468	OFF	0.0621	0.0789	OFF	0.0844
	AVG	0.0449	OFF	0.0612	0.0784	OFF	0.0801
07/16/20	12:00 AM	0.0520	OFF	0.0654	0.0817	OFF	0.0864
	4:00 AM	0.1230	OFF	0.1030	0.1140	OFF	0.1205
	8:00 AM	0.0942	OFF	0.1065	0.1150	OFF	OFF
	12:00 PM	0.0368	OFF	0.0591	0.0760	OFF	0.0836
	4:00 PM	0.0358	OFF	0.0579	0.0859	OFF	0.0730
	8:00 PM	0.0373	OFF	0.0586	0.0688	OFF	0.0733
	AVG	0.0632	OFF	0.0751	0.0902	OFF	0.0968



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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
07/17/20	12:00 AM	0.0438	OFF	0.0623	0.0750	OFF	0.0781
	4:00 AM	0.0465	OFF	0.0591	0.0695	OFF	0.0721
	8:00 AM	0.0400	OFF	0.0495	0.0705	OFF	0.0770
	12:00 PM	0.0381	OFF	0.0482	0.0728	OFF	0.0767
	4:00 PM	0.0421	OFF	0.0522	0.0762	OFF	0.0805
	8:00 PM	0.0446	OFF	0.0582	0.0797	OFF	0.0833
	AVG	0.0425	OFF	0.0549	0.0740	OFF	0.0779
07/18/20	12:00 AM	0.0464	OFF	0.0584	0.0794	OFF	0.0805
	4:00 AM	0.0479	OFF	0.0593	0.0793	OFF	0.0814
	8:00 AM	0.0448	OFF	0.0577	0.0782	OFF	0.0814
	12:00 PM	0.0429	OFF	0.0595	0.0797	OFF	0.0842
	4:00 PM	0.0425	OFF	0.0591	0.0797	OFF	0.0836
	8:00 PM	0.0770	OFF	0.0940	0.0690	OFF	0.0840
	AVG	0.0449	OFF	0.0588	0.0793	OFF	0.0822
07/19/20	12:00 AM	0.0559	OFF	0.0585	0.0777	OFF	0.0782
	4:00 AM	0.0350	OFF	0.0560	0.0749	OFF	0.0774
	8:00 AM	0.0345	OFF	0.0556	0.0742	OFF	0.0723
	12:00 PM	0.0318	OFF	0.0557	0.0753	OFF	0.0664
	4:00 PM	0.0339	OFF	0.0570	0.0769	OFF	0.0701
	8:00 PM	0.0381	OFF	0.0601	0.0803	OFF	0.0749
	AVG	0.0382	OFF	0.0572	0.0766	OFF	0.0732
07/20/20	12:00 AM	0.0477	OFF	0.0648	0.0843	OFF	0.0758
	4:00 AM	0.0514	OFF	0.0643	0.0922	OFF	0.0772
	8:00 AM	0.0448	OFF	0.0644	0.0763	OFF	0.0768
	12:00 PM	0.0426	OFF	0.0638	0.0762	OFF	0.0761
	4:00 PM	0.0560	OFF	0.0736	0.0945	OFF	0.0923
	8:00 PM	0.0561	OFF	0.0760	0.0967	OFF	0.1004
	AVG	0.0498	OFF	0.0678	0.0867	OFF	0.0831
07/21/20	12:00 AM	0.0549	OFF	0.0696	0.0866	OFF	0.0814
	4:00 AM	0.0574	OFF	0.0788	0.0914	OFF	0.1033
	8:00 AM	0.0454	OFF	0.0588	0.0837	OFF	0.0729
	12:00 PM	0.0412	OFF	0.0586	0.0831	OFF	0.0704
	4:00 PM	0.0467	OFF	0.0680	0.0907	OFF	0.0856
	8:00 PM	0.0528	OFF	0.0757	0.0963	OFF	0.0971
	AVG	0.0497	OFF	0.0682	0.0886	OFF	0.0851
07/22/20	12:00 AM	0.0495	OFF	0.0705	0.0907	OFF	0.0854
	4:00 AM	0.0455	OFF	0.0617	0.0823	OFF	0.0752
	8:00 AM	0.0461	OFF	0.0623	0.0829	OFF	0.0761
	12:00 PM	0.0492	OFF	0.0647	0.0853	OFF	0.0799
	4:00 PM	0.0454	OFF	0.0679	0.0887	OFF	0.0862
	8:00 PM	0.0483	OFF	0.0693	0.0895	OFF	0.0874
	AVG	0.0473	OFF	0.0661	0.0866	OFF	0.0817
07/23/20	12:00 AM	0.0491	OFF	0.0688	0.0890	OFF	0.0809
	4:00 AM	0.0509	OFF	0.0684	0.0881	OFF	0.0816
	8:00 AM	0.0466	OFF	0.0674	0.0876	OFF	0.0785
	12:00 PM	0.0427	OFF	0.0668	0.0876	OFF	0.0822
	4:00 PM	0.0431	OFF	0.0680	0.0892	OFF	0.0858
	8:00 PM	0.0487	OFF	0.0741	0.0948	OFF	0.0941
	AVG	0.0469	OFF	0.0689	0.0894	OFF	0.0839
07/24/20	12:00 AM	0.0523	OFF	0.0772	0.0977	OFF	0.0898
	4:00 AM	0.0576	OFF	0.0787	0.0995	OFF	0.0916
	8:00 AM	0.0523	OFF	0.0749	0.0952	OFF	0.0861
	12:00 PM	0.0462	OFF	0.0703	0.0909	OFF	0.0806
	4:00 PM	0.0486	OFF	0.0710	0.0913	OFF	0.0826
	8:00 PM	0.0485	OFF	0.0714	0.0915	OFF	0.0833
	AVG	0.0509	OFF	0.0739	0.0943	OFF	0.0857

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
07/25/20	12:00 AM	0.0521	OFF	0.0739	0.0937	OFF	0.0814
	4:00 AM	0.0564	OFF	0.0779	0.0975	OFF	0.0859
	8:00 AM	0.0623	OFF	0.0827	0.1128	OFF	0.0918
	12:00 PM	0.0579	OFF	0.0937	0.0962	OFF	0.0896
	4:00 PM	0.0595	OFF	0.0795	0.0973	OFF	0.1115
	8:00 PM	0.0990	OFF	0.1010	0.0760	OFF	0.0870
	AVG	0.0577	OFF	0.0815	0.0995	OFF	0.0920
07/26/20	12:00 AM	0.0580	OFF	0.0765	0.0952	OFF	0.0886
	4:00 AM	0.0631	OFF	0.0727	0.0914	OFF	0.0886
	8:00 AM	0.0559	OFF	0.0761	0.0948	OFF	0.0890
	12:00 PM	0.0523	OFF	0.0756	0.0945	OFF	0.0906
	4:00 PM	0.0554	OFF	0.0761	0.0951	OFF	0.0874
	8:00 PM	0.0532	OFF	0.0741	0.0927	OFF	0.0847
	AVG	0.0563	OFF	0.0752	0.0940	OFF	0.0882
07/27/20	12:00 AM	0.0504	OFF	0.0715	0.0891	OFF	0.0798
	4:00 AM	0.0497	OFF	0.0707	0.0884	OFF	0.0780
	8:00 AM	0.0488	OFF	0.0708	0.0885	OFF	0.0776
	12:00 PM	0.0453	OFF	0.0675	0.0853	OFF	0.0759
	4:00 PM	0.0477	OFF	0.0694	0.0872	OFF	0.0787
	8:00 PM	0.0471	OFF	0.0681	0.0858	OFF	0.0761
	AVG	0.0482	OFF	0.0697	0.0874	OFF	0.0777
07/28/20	12:00 AM	0.0498	OFF	0.0699	0.0877	OFF	0.0792
	4:00 AM	0.0483	OFF	0.0692	0.0868	OFF	0.0809
	8:00 AM	0.0495	OFF	0.0679	0.0937	OFF	0.0819
	12:00 PM	0.0501	OFF	0.0713	0.0816	OFF	0.0873
	4:00 PM	0.0485	OFF	0.0628	0.0824	OFF	0.0800
	8:00 PM	0.0482	OFF	0.0633	0.0825	OFF	0.0812
	AVG	0.0491	OFF	0.0674	0.0858	OFF	0.0818
07/29/20	12:00 AM	0.0482	OFF	0.0635	0.0822	OFF	0.0844
	4:00 AM	0.0466	OFF	0.0613	0.0797	OFF	0.0752
	8:00 AM	0.0479	OFF	0.0602	0.0784	OFF	0.0769
	12:00 PM	0.0453	OFF	0.0602	0.0787	OFF	0.0733
	4:00 PM	0.0462	OFF	0.0622	0.0809	OFF	0.0764
	8:00 PM	0.0473	OFF	0.0617	0.0800	OFF	0.0746
	AVG	0.0469	OFF	0.0615	0.0800	OFF	0.0768
07/30/20	12:00 AM	0.0523	OFF	0.0608	0.0787	OFF	0.0736
	4:00 AM	0.0620	OFF	0.0626	0.0804	OFF	0.0769
	8:00 AM	0.0738	OFF	0.0162	0.0835	OFF	0.1264
	12:00 PM	0.0339	OFF	0.0583	0.0697	OFF	0.0595
	4:00 PM	0.0333	OFF	0.0262	0.0659	OFF	0.0522
	8:00 PM	0.0369	OFF	0.0275	0.0679	OFF	0.0535
	AVG	0.0487	OFF	0.0419	0.0744	OFF	0.0737
07/31/20	12:00 AM	0.0310	OFF	0.0238	0.0628	OFF	0.0450
	4:00 AM	0.0328	OFF	0.0223	0.0634	OFF	0.0433
	8:00 AM	0.0315	OFF	0.0207	0.0630	OFF	0.0434
	12:00 PM	0.0334	OFF	0.0232	0.0641	OFF	0.0438
	4:00 PM	0.0373	OFF	0.0306	0.0667	OFF	0.0450
	8:00 PM	0.0489	OFF	0.0507	0.0677	OFF	0.0546
	AVG	0.0358	OFF	0.0285	0.0646	OFF	0.0459

## OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month Of July 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 (%)
7/1/2020	24.0	3346901	25	3.3	85	OFFLINE					24.0	3121032	28	3.1	89
7/2/2020	24.0	3368806	25	3.4	85						22.7	3039411	151	3.0	89
7/3/2020	22.4	3030516	24	3.0	85						24.0	3202460	27	3.2	89
7/4/2020	24.0	3331816	25	3.3	85						24.0	3097785	28	3.1	89
7/5/2020	24	3364523	25	3.4	85						22	2860592	230	2.9	89
7/6/2020	22.5	3147703	24	3.1	85						24	3175065	27	3.2	89
7/7/2020	24	3305912	25	3.3	85						24	3072576	28	3.1	89
7/8/2020	24	3003471	28	3	85						24	2784901	31	2.8	89
7/9/2020	24	3295550	26	3.3	85						24	3060733	29	3.1	89
7/10/2020	24	3234540	26	3.2	85						22.6	2983974	163	3	89
7/11/2020	22.6	2987382	26	3	85						24	3246158	27	3.2	89
7/12/2020	24	3331860	26	3.3	85						24	3101220	28	3.1	89
7/13/2020	24	3303209	26	3.3	85						22.8	2914528	141	2.9	89
7/14/2020	22.3	3025480	24	3	85						24	3086474	27	3.1	89
7/15/2020	23.8	3247650	26	3.2	85						24	3040502	28	3	89
7/16/2020	24	2901200	28	2.9	85						24	2685056	31	2.7	89
7/17/2020	24	2841353	30	2.8	85						22.2	2439023	201	2.4	89
7/18/2020	24	2843332	29	2.8	85						24	2631141	32	2.6	89
7/19/2020	23.2	2767313	29	2.8	85						24	2659728	32	2.7	89
7/20/2020	24	2711244	28	2.7	85						24	2504860	32	2.5	89
7/21/2020	24	3065923	26	3.1	85						23.3	2754874	62	2.8	89
7/22/2020	22.6	2779189	25	2.8	85						24	2773187	28	2.8	89
7/23/2020	24	2948923	25	2.9	85						24	2733215	28	2.7	89
7/24/2020	24	2939307	26	2.9	85						24	2724327	29	2.7	89
7/25/2020	24	2965180	26	3	85						22.7	2668411	118	2.7	89
7/26/2020	22.7	2961257	24	3	85						24	3024599	26	3	89
7/27/2020	24	3037277	25	3	85						24	2823510	28	2.8	89
7/28/2020	23.2	2955079	26	3	85						22.2	2604552	234	2.6	89
7/29/2020	24	2672461	29	2.7	85						24	3103929	26	3.1	89
7/30/2020	23.1	2565071	29	2.6	85						24	3006002	28	3	89
7/31/2020	24	3113570	26	3.1	85						23.2	2802468	109	2.8	89

## OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month Of July 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 (%)
7/1/2020	24.0	3399341	26	3.4	95	OFFLINE					24.0	3370307	38	3.4	85
7/2/2020	22.6	3282911	24	3.3	95		24.0	3450446	37	3.5	85				
7/3/2020	24.0	3492998	26	3.5	95		24.0	3456255	37	3.5	85				
7/4/2020	24.0	3376802	26	3.4	95		22.4	3119455	70	3.1	85				
7/5/2020	22.6	3197456	25	3.2	95		24	3376754	37	3.4	85				
7/6/2020	24	3459061	26	3.5	95		22.3	3198622	35	3.2	85				
7/7/2020	24	3352456	26	3.4	95		24	3324820	38	3.3	85				
7/8/2020	22.7	2902336	27	2.9	95		24	3018101	42	3	85				
7/9/2020	24	3339865	27	3.3	95		24	3314645	39	3.3	85				
7/10/2020	24	3473521	26	3.5	95		24	3441878	38	3.4	85				
7/11/2020	24	3535206	26	3.5	95		22.5	3294226	35	3.3	85				
7/12/2020	21.8	3047890	25	3	95		24.0	3348467	38	3.3	85				
7/13/2020	24	3349512	26	3.3	95		24.0	3317167	38	3.3	85				
7/14/2020	24	3366935	26	3.4	95		24.0	3333463	37	3.3	85				
7/15/2020	24	3318789	26	3.3	95		21.4	2930067	114	2.9	85				
7/16/2020	22.9	2810638	27	2.8	95		22.1	2391053	101	2.4	85				
7/17/2020	24	2888378	30	2.9	95		24.0	2860325	44	2.9	85				
7/18/2020	24	2888048	29	2.9	95		24.0	2856336	44	2.9	85				
7/19/2020	24	2915016	29	2.9	95		22.4	2682657	76	2.7	85				
7/20/2020	23.1	2655265	28	2.7	95		24	2729699	43	2.7	85				
7/21/2020	24	3112982	26	3.1	95		23.3	2978008	38	3	85				
7/22/2020	24	3042403	27	3	95		24	3007392	39	3	85				
7/23/2020	24	2990262	26	3	95		24	2966473	39	3	85				
7/24/2020	24	2984953	27	3	95		24	2956429	39	3	85				
7/25/2020	22.7	2905271	25	2.9	95		22.4	2782813	82	2.8	85				
7/26/2020	24	3299037	25	3.3	95		24	3264212	36	3.3	85				
7/27/2020	24	3088655	26	3.1	95		24	3056717	38	3.1	85				
7/28/2020	22.7	2892954	27	2.9	95		24	3015229	39	3	85				
7/29/2020	24	3385744	25	3.4	95		24	3350474	36	3.4	85				
7/30/2020	24	3281662	26	3.3	95		24	3248478	38	3.2	85				
7/31/2020	24	3156712	26	3.2	95		22.8	2945193	40	2.9	85				

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

**System ID**                    **250008-02**  
**Month of**                    **July 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	3.00	13	2.1	19	3.4	25	2.7
2	3.1	8	3.00	14	1.1	20	3.0	26	2.0
3	2.6	9	2.90	15	2.7	21	2.6	27	3.5
4	2.6	10	1.80	16	3.4	22	2.0	28	3.5
5	3.5	11	1.90	17	2.6	23	2.0	29	3.0
6	3.0	12	1.8	18	3.2	24	2.9	30	3.2
								31	3.7

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. 7/30/2020

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

System ID  
 Month Of

250008-02  
 July 2020

Jul 2020	TURBIDITIES (NTU)		
	RAW	TRAINS	FINISHED
7/1	4.2250	0.0930	0.0594
7/2	4.1000	0.1306	0.0538
7/3	3.9750	0.1002	0.0456
7/4	3.8312	0.1140	0.1034
7/5	3.8562	0.1250	0.1400
7/6	3.8250	0.1140	0.0331
7/7	11.5875	0.1070	0.0334
7/8	8.8188	0.1240	0.2400
7/9	12.1313	0.1480	0.0341
7/10	13.8688	0.1240	0.0322
7/11	11.0625	0.1170	0.0306
7/12	10.3688	0.0900	0.0559
7/13	10.0500	0.0860	0.0362
7/14	9.0875	0.1270	0.0444
7/15	6.7375	0.0990	0.1210
7/16	7.5375	0.1469	0.1303
7/17	7.7563	0.1103	0.0331
7/18	6.4313	0.1057	0.1100
7/19	6.9812	0.1040	0.0472
7/20	7.1750	0.1244	0.0453
7/21	6.4062	0.1082	0.0603
7/22	5.5125	0.1082	0.0481
7/23	5.0375	0.1298	0.0416
7/24	4.5312	0.1260	0.0469
7/25	3.9688	0.1280	0.0388
7/26	4.1562	0.1378	0.0419
7/27	4.0188	0.1259	0.0444
7/28	3.3312	0.1170	0.0356
7/29	4.1437	0.0774	0.0681
7/30	4.0250	0.1248	0.1090
7/31	4.0188	0.1352	0.0353
MIN	3.3312	0.0774	0.0306
MAX	13.8688	0.1480	0.2400
AVG	6.5341	0.1164	0.0645

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

System ID  
 Month Of

250008-02  
 July 2020

Jul 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
7/1	0.0434	0.0475	0.0594	0.0500	0.0534	0.0516
7/2	0.0531	0.0500	0.0538	0.0491	0.0434	0.0519
7/3	0.0419	0.0403	0.0419	0.0456	0.0391	0.0366
7/4	0.0356	0.0341	0.0325	0.0391	0.0456	0.1034
7/5	0.0437	0.1400	0.0494	0.0381	0.0312	0.0291
7/6	0.0300	0.0316	0.0300	0.0294	0.0259	0.0331
7/7	0.0331	0.0322	0.0306	0.0334	0.0266	0.0266
7/8	0.0275	0.0331	0.0306	0.2400	0.2400	0.0253
7/9	0.0259	0.0269	0.0328	0.0341	0.0291	0.0297
7/10	0.0272	0.0272	0.0269	0.0244	0.0322	0.0262
7/11	0.0253	0.0281	0.0281	0.0259	0.0247	0.0306
7/12	0.0459	0.0306	0.0559	0.0309	0.0344	0.0378
7/13	0.0341	0.0322	0.0319	0.0338	0.0291	0.0362
7/14	0.0444	0.0375	0.0369	0.0341	0.0316	0.0331
7/15	0.0334	0.0362	0.0422	0.1210	0.0434	0.0391
7/16	0.0434	0.0425	0.1303	0.0419	0.0384	0.0338
7/17	0.0331	0.0291	0.0291	0.0294	0.0288	0.0312
7/18	0.0303	0.0344	0.0362	0.1100	0.1006	0.0375
7/19	0.0338	0.0406	0.0375	0.0472	0.0437	0.0366
7/20	0.0378	0.0381	0.0360	0.0366	0.0453	0.0353
7/21	0.0322	0.0381	0.0603	0.0550	0.0444	0.0300
7/22	0.0338	0.0375	0.0406	0.0416	0.0416	0.0481
7/23	0.0416	0.0356	0.0369	0.0334	0.0322	0.0316
7/24	0.0312	0.0316	0.0331	0.0341	0.0312	0.0469
7/25	0.0278	0.0334	0.0338	0.0356	0.0294	0.0388
7/26	0.0331	0.0419	0.0300	0.0284	0.0297	0.0278
7/27	0.0444	0.0275	0.0334	0.0309	0.0262	0.0262
7/28	0.0316	0.0250	0.0356	0.0344	0.0262	0.0259
7/29	0.0266	0.0272	0.0681	0.0681	0.0341	0.0256
7/30	0.0259	0.0266	0.0300	0.1090	0.0288	0.0275
7/31	0.0275	0.0275	0.0353	0.0350	0.0256	0.0253
MIN	0.0253	0.0250	0.0269	0.0244	0.0247	0.0253
MAX	0.0531	0.1400	0.1303	0.2400	0.2400	0.1034
AVG	0.0348	0.0376	0.0416	0.0516	0.0431	0.0361

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

System ID  
 Month Of

250008-02  
 July 2020

Jul 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
7/1	3.1	3.1	3.0	3.0	3.3	3.1
7/2	3.1	3.2	3.3	3.4	3.1	3.5
7/3	3.5	3.5	3.4	3.2	2.8	2.6
7/4	2.6	2.9	3.0	2.8	2.7	3.1
7/5	3.5	3.6	4.0	3.9	3.8	3.8
7/6	3.9	4.0	4.0	3.5	3.3	3.0
7/7	3.1	3.3	3.0	3.0	3.2	3.1
7/8	3.3	3.3	3.4	3.5	3.3	3.0
7/9	2.9	3.3	3.5	3.7	3.3	3.1
7/10	3.1	3.3	3.3	2.8	2.3	1.8
7/11	1.9	2.3	2.7	2.4	2.3	2.2
7/12	2.3	2.5	2.7	2.8	2.2	1.8
7/13	2.1	2.3	2.7	2.4	3.3	3.1
7/14	1.1	2.7	3.0	3.4	3.0	3.3
7/15	3.0	2.7	3.1	3.4	3.7	3.8
7/16	3.6	3.4	3.9	4.0	3.6	3.8
7/17	4.0	4.1	3.3	2.6	3.4	3.2
7/18	3.8	3.2	3.9	3.8	4.0	3.9
7/19	3.9	3.9	3.4	4.7	4.2	3.6
7/20	3.1	3.5	3.9	3.6	3.3	3.0
7/21	2.8	2.7	3.1	3.4	2.8	2.6
7/22	2.7	2.9	3.4	2.8	2.0	3.2
7/23	3.0	2.7	2.3	2.0	2.5	3.0
7/24	3.0	2.9	3.1	3.3	3.4	3.7
7/25	3.8	3.1	2.7	2.9	3.3	2.7
7/26	2.6	3.2	3.4	3.5	3.6	3.5
7/27	3.5	3.0	3.1	2.2	2.0	2.6
7/28	3.5	3.7	3.8	3.8	3.6	3.5
7/29	3.7	3.6	3.0	3.9	4.0	4.1
7/30	4.1	3.2	3.7	3.3	3.8	3.9
7/31	3.8	3.8	3.9	3.9	3.7	3.7
MIN	1.1	2.3	2.3	2.0	2.0	1.8
MAX	4.1	4.1	4.0	4.7	4.2	4.1
AVG	3.1	3.2	3.3	3.3	3.2	3.2



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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
7/1/2020	12:00 AM	OFF	0.0530	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.0700	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0930	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.0850	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	0.0753	OFF	OFF	OFF	OFF
7/2/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.1306	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0780	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.0980	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.0940	OFF	OFF	OFF	OFF
AVG	OFF	0.1002	OFF	OFF	OFF	OFF	
7/3/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.0590	OFF	0.0780	OFF	OFF
	08:00 AM	OFF	0.0860	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.0530	OFF	0.0600	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0890	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0970	OFF	OFF
	AVG	OFF	0.0660	OFF	0.0810	OFF	OFF
7/4/2020	12:00 AM	OFF	OFF	OFF	0.0930	OFF	OFF
	04:00 AM	OFF	0.0940	OFF	0.0860	OFF	OFF
	08:00 AM	OFF	0.1140	OFF	0.0500	OFF	OFF
	12:00 PM	OFF	0.0560	OFF	0.0560	OFF	OFF
	04:00 PM	OFF	0.0440	OFF	0.0510	OFF	OFF
	08:00 PM	OFF	0.1050	OFF	0.0930	OFF	OFF
	AVG	OFF	0.0826	OFF	0.0715	OFF	OFF
7/5/2020	12:00 AM	OFF	OFF	OFF	0.1030	OFF	OFF
	04:00 AM	OFF	0.0800	OFF	0.1250	OFF	OFF
	08:00 AM	OFF	0.0450	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.0600	OFF	0.0440	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0410	OFF	OFF
	08:00 PM	OFF	0.0700	OFF	0.0650	OFF	OFF
AVG	OFF	0.0638	OFF	0.0756	OFF	OFF	
7/6/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.1140	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0460	OFF	0.0660	OFF	OFF
	12:00 PM	OFF	0.1000	OFF	0.0420	OFF	OFF
	04:00 PM	OFF	0.0570	OFF	0.0850	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0910	OFF	OFF
	AVG	OFF	0.0793	OFF	0.0710	OFF	OFF
7/7/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	0.1070	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0640	OFF	0.0590	OFF	OFF
	12:00 PM	OFF	0.0610	OFF	0.0500	OFF	OFF
	04:00 PM	OFF	0.0980	OFF	0.0810	OFF	OFF
	08:00 PM	OFF	0.0970	OFF	OFF	OFF	OFF
	AVG	OFF	0.0854	OFF	0.0633	OFF	OFF
7/8/2020	12:00 AM	OFF	OFF	OFF	0.1240	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0660	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.0760	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.0680	OFF	0.0568	OFF	OFF
	08:00 PM	OFF	0.0480	OFF	0.0960	OFF	OFF
AVG	OFF	0.0065	OFF	0.0927	OFF	OFF	

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
7/9/2020	12:00 AM	OFF	OFF	OFF	0.0750	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1480	OFF	OFF
	08:00 AM	OFF	0.0810	OFF	0.0510	OFF	OFF
	12:00 PM	OFF	0.0590	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0980	OFF	OFF
	08:00 PM	OFF	0.0940	OFF	OFF	OFF	OFF
	AVG	OFF	0.0780	OFF	0.0930	OFF	OFF
7/10/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1240	OFF	OFF
	08:00 AM	OFF	0.0580	OFF	0.0470	OFF	OFF
	12:00 PM	OFF	0.0580	OFF	0.0520	OFF	OFF
	04:00 PM	OFF	0.1020	OFF	0.0790	OFF	OFF
	08:00 PM	OFF	0.1040	OFF	OFF	OFF	OFF
	AVG	OFF	0.0805	OFF	0.0940	OFF	OFF
7/11/2020	12:00 AM	OFF	OFF	OFF	0.0940	OFF	OFF
	04:00 AM	OFF	0.0860	OFF	0.1010	OFF	OFF
	08:00 AM	OFF	0.1170	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1140	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.0610	OFF	0.0590	OFF	OFF
	08:00 PM	OFF	0.0650	OFF	OFF	OFF	OFF
	AVG	OFF	0.0886	OFF	0.0847	OFF	OFF
7/12/2020	12:00 AM	OFF	OFF	OFF	0.0680	OFF	OFF
	04:00 AM	OFF	0.0850	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0700	0.0850	0.0560	OFF	OFF
	12:00 PM	OFF	0.0770	0.0530	0.0870	OFF	OFF
	04:00 PM	OFF	0.0440	0.0470	0.0900	OFF	0.0550
	08:00 PM	OFF	0.0880	0.0600	0.0820	OFF	0.0560
	AVG	OFF	0.0728	0.0613	0.0788	OFF	0.0555
7/13/2020	12:00 AM	OFF	OFF	0.0720	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0860	OFF	OFF	OFF
	08:00 AM	OFF	0.0700	0.0600	0.0440	OFF	0.0550
	12:00 PM	OFF	OFF	OFF	0.0530	OFF	0.0590
	04:00 PM	OFF	OFF	0.0570	OFF	OFF	0.0770
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	0.0700	0.0688	0.0485	OFF	0.0637
7/14/2020	12:00 AM	OFF	OFF	0.0840	0.0980	OFF	OFF
	04:00 AM	OFF	0.0940	OFF	0.1020	OFF	0.1170
	08:00 AM	OFF	OFF	OFF	0.0570	OFF	0.1270
	12:00 PM	OFF	0.0480	0.0400	0.0470	OFF	0.0510
	04:00 PM	OFF	0.0720	OFF	0.0640	OFF	0.0980
	08:00 PM	OFF	0.0860	OFF	OFF	OFF	0.1130
	AVG	OFF	0.0750	0.0620	0.0736	OFF	0.1012
7/15/2020	12:00 AM	OFF	OFF	OFF	0.0880	OFF	0.0530
	04:00 AM	OFF	0.0900	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0830	OFF	0.0540	OFF	OFF
	12:00 PM	OFF	OFF	0.0990	0.0640	OFF	0.0400
	04:00 PM	OFF	0.0759	0.0349	0.067	OFF	0.0800
	08:00 PM	OFF	0.0852	0.0917	0.0867	OFF	0.0520
	AVG	OFF	0.1038	0.0571	0.1033	OFF	0.0573
7/16/2020	12:00 AM	OFF	0.0917	0.1086	0.1121	OFF	0.0490
	04:00 AM	OFF	0.0975	0.1469	0.1287	OFF	0.0610
	08:00 AM	OFF	0.0964	0.0816	0.1212	OFF	OFF
	12:00 PM	OFF	0.064	0.0369	0.1100	OFF	0.0520
	04:00 PM	OFF	0.0584	0.0638	0.0313	OFF	0.0769
	08:00 PM	OFF	0.0474	0.0364	0.0248	OFF	0.0716
	AVG	OFF	0.0758	0.0797	0.0887	OFF	0.0621

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
7/17/2020	12:00 AM	OFF	0.0534	0.0388	0.0243	OFF	0.0833
	04:00 AM	OFF	0.0568	0.0618	OFF	OFF	0.0849
	08:00 AM	OFF	0.0649	0.1103	0.0630	OFF	0.0587
	12:00 PM	OFF	0.0627	OFF	0.0303	OFF	0.0785
	04:00 PM	OFF	0.0584	OFF	0.0454	OFF	0.0819
	08:00 PM	OFF	0.0522	0.0580	0.025	OFF	0.0504
	AVG	OFF	0.0581	0.0672	0.0376	OFF	0.0729
7/18/2020	12:00 AM	OFF	0.0522	0.0740	0.0572	OFF	0.0298
	04:00 AM	OFF	0.0601	OFF	OFF	OFF	0.0412
	08:00 AM	OFF	0.0520	OFF	0.1057	OFF	0.0450
	12:00 PM	OFF	0.0555	OFF	0.0873	OFF	0.0526
	04:00 PM	OFF	0.0517	0.06	0.0986	OFF	0.0623
	08:00 PM	OFF	0.0466	OFF	0.0881	OFF	0.0492
AVG	OFF	0.0530	0.0670	0.1191	OFF	0.0467	
7/19/2020	12:00 AM	OFF	0.0551	0.0630	0.058	OFF	0.0560
	04:00 AM	OFF	0.0404	0.0860	OFF	OFF	0.0312
	08:00 AM	OFF	OFF	0.0960	0.0851	OFF	0.0379
	12:00 PM	OFF	0.0589	OFF	0.0869	OFF	0.0604
	04:00 PM	OFF	0.0591	0.0480	0.0946	OFF	0.0769
	08:00 PM	OFF	OFF	0.1040	0.0889	OFF	0.0505
	AVG	OFF	0.0526	0.0794	0.0827	OFF	0.0521
7/20/2020	12:00 AM	OFF	0.0492	OFF	0.1244	OFF	0.0289
	04:00 AM	OFF	0.0489	OFF	OFF	OFF	0.0933
	08:00 AM	OFF	OFF	0.0710	OFF	OFF	0.0812
	12:00 PM	OFF	0.0597	OFF	OFF	OFF	0.0922
	04:00 PM	OFF	0.0473	0.0540	OFF	OFF	0.0892
	08:00 PM	OFF	0.0428	OFF	0.0590	OFF	0.0525
	AVG	OFF	0.0494	0.0625	0.0917	OFF	0.0729
7/21/2020	12:00 AM	OFF	0.0430	OFF	0.0790	OFF	0.0499
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0571
	08:00 AM	OFF	OFF	OFF	OFF	OFF	0.0861
	12:00 PM	OFF	0.0506	OFF	0.0440	OFF	0.0807
	04:00 PM	OFF	0.0480	OFF	0.0440	OFF	0.1082
	08:00 PM	OFF	0.0446	0.0860	0.0314	OFF	0.0435
AVG	OFF	0.0469	0.0860	0.0496	OFF	0.0709	
7/22/2020	12:00 AM	OFF	OFF	0.0674	0.0646	OFF	0.0704
	04:00 AM	OFF	OFF	OFF	0.1082	OFF	OFF
	08:00 AM	OFF	OFF	0.0563	0.0233	OFF	0.0571
	12:00 PM	OFF	OFF	OFF	0.0680	OFF	OFF
	04:00 PM	OFF	OFF	0.0843	0.0744	OFF	0.1041
	08:00 PM	OFF	OFF	0.1015	0.0245	OFF	OFF
	AVG	OFF	OFF	0.0932	0.0542	OFF	0.0814
7/23/2020	12:00 AM	OFF	OFF	0.1173	0.0566	OFF	0.0851
	04:00 AM	OFF	OFF	OFF	0.0938	OFF	0.1191
	08:00 AM	OFF	OFF	OFF	0.0232	OFF	0.1121
	12:00 PM	OFF	OFF	0.0640	0.0679	OFF	OFF
	04:00 PM	OFF	OFF	0.0680	0.0247	OFF	0.1274
	08:00 PM	OFF	OFF	0.1080	0.0252	OFF	0.1298
	AVG	OFF	OFF	0.0893	0.0478	OFF	0.1175
7/24/2020	12:00 AM	OFF	OFF	OFF	0.0253	OFF	0.1185
	04:00 AM	OFF	OFF	OFF	0.0264	OFF	0.1140
	08:00 AM	OFF	OFF	0.0750	0.0318	OFF	OFF
	12:00 PM	OFF	OFF	0.0780	0.1062	OFF	0.1260
	04:00 PM	OFF	OFF	0.0920	0.0379	OFF	0.1020
	08:00 PM	OFF	OFF	0.0950	0.0192	OFF	0.0675
AVG	OFF	OFF	0.0850	0.0411	OFF	0.1004	

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
7/25/2020	12:00 AM	OFF	0.0650	OFF	0.0185	OFF	0.1165
	04:00 AM	OFF	OFF	OFF	0.0196	OFF	0.0586
	08:00 AM	OFF	OFF	OFF	0.0199	OFF	0.1048
	12:00 PM	OFF	OFF	OFF	0.0192	OFF	0.1206
	04:00 PM	OFF	OFF	OFF	0.0196	OFF	0.1280
	08:00 PM	OFF	OFF	OFF	0.0193	OFF	0.0625
	AVG	OFF	OFF	OFF	0.0194	OFF	0.0988
7/26/2020	12:00 AM	OFF	OFF	OFF	0.0191	OFF	0.1164
	04:00 AM	OFF	OFF	OFF	0.0205	OFF	0.0650
	08:00 AM	OFF	OFF	OFF	0.0188	OFF	0.1077
	12:00 PM	OFF	OFF	OFF	0.0187	OFF	0.1378
	04:00 PM	OFF	OFF	OFF	0.0213	OFF	0.0974
	08:00 PM	OFF	OFF	0.0720	0.0181	OFF	0.0736
AVG	OFF	OFF	0.0720	0.0194	OFF	0.0997	
7/27/2020	12:00 AM	OFF	OFF	0.0603	0.0211	OFF	0.1044
	04:00 AM	OFF	OFF	0.0994	0.0187	OFF	0.0514
	08:00 AM	OFF	OFF	0.0740	0.0192	OFF	0.0320
	12:00 PM	OFF	OFF	OFF	0.1259	OFF	0.0837
	04:00 PM	OFF	OFF	0.0800	0.1012	OFF	0.0614
	08:00 PM	OFF	OFF	0.0670	0.0344	OFF	0.0626
	AVG	OFF	OFF	0.0761	0.0532	OFF	0.0660
7/28/2020	12:00 AM	OFF	OFF	OFF	0.0635	OFF	0.1075
	04:00 AM	OFF	OFF	OFF	0.0455	OFF	0.0620
	08:00 AM	OFF	OFF	OFF	0.0458	OFF	0.0549
	12:00 PM	OFF	OFF	OFF	0.0447	OFF	0.0497
	04:00 PM	OFF	OFF	OFF	0.0308	OFF	0.0587
	08:00 PM	OFF	OFF	0.1170	0.0374	OFF	0.0577
	AVG	OFF	OFF	0.1170	0.0447	OFF	0.0651
7/29/2020	12:00 AM	OFF	OFF	OFF	0.0282	OFF	0.0406
	04:00 AM	OFF	OFF	OFF	0.0366	OFF	0.0774
	08:00 AM	OFF	OFF	OFF	0.0461	OFF	0.0600
	12:00 PM	OFF	OFF	OFF	0.0454	OFF	0.0556
	04:00 PM	OFF	OFF	OFF	0.0327	OFF	0.0574
	08:00 PM	OFF	OFF	OFF	0.0357	OFF	0.0509
AVG	OFF	OFF	OFF	0.0375	OFF	0.0570	
7/30/2020	12:00 AM	OFF	OFF	OFF	0.0268	OFF	0.0359
	04:00 AM	OFF	OFF	OFF	0.1163	OFF	0.1248
	08:00 AM	OFF	OFF	OFF	0.0428	OFF	0.0594
	12:00 PM	OFF	OFF	OFF	0.0364	OFF	0.0561
	04:00 PM	OFF	OFF	OFF	0.0304	OFF	0.0704
	08:00 PM	OFF	OFF	0.0930	0.0580	OFF	0.0497
	AVG	OFF	OFF	0.0930	0.0513	OFF	0.0660
7/31/2020	12:00 AM	OFF	OFF	OFF	0.0351	OFF	0.0561
	04:00 AM	OFF	OFF	0.1100	0.0385	OFF	0.1263
	08:00 AM	OFF	OFF	0.0790	OFF	OFF	0.1151
	12:00 PM	OFF	OFF	OFF	0.1352	OFF	0.1066
	04:00 PM	OFF	OFF	0.1110	0.0544	OFF	0.1299
	08:00 PM	OFF	OFF	0.0680	0.0373	OFF	0.0701
	AVG	OFF	OFF	0.0920	0.0869	OFF	0.1008



**CITY OF JACKSON  
DISTRIBUTION SYSTEM DISINFECTANT DATA**

**System ID**      250008  
**Month Of**      July 2020

<b>Jul-20</b>	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
7/1	56				
7/2					
7/3					
7/4					
7/5					
7/6	41				
7/7	29				
7/8	4				
7/9	1				
7/10					
7/11					
7/12					
7/13					
7/14	4				
7/15					
7/16					
7/17					
7/18					
7/19					
7/20					
7/21					
7/22					
7/23					
7/24					
7/25					
7/26					
7/27					
7/28					
7/29					
7/30					
7/31					

Total                      135                                      0                                      0                                      0                                      0

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

V =                      0

**CITY OF JACKSON  
CHLORINE DIOXIDE COMPLIANCE**

July	SYSTEM ID: 250008-02		SYSTEM ID: 250008-01	
	O.B. CURTIS (TF082)		J. H. FEWELL (TF081)	
	ClO <sub>2</sub>	ClO <sup>-</sup>	ClO <sub>2</sub>	ClO <sup>-</sup>
7/1	OFF	OFF	0.35	0.00
7/2	OFF	OFF	0.12	0.00
7/3	OFF	OFF	0.04	0.00
7/4	OFF	OFF	0.11	0.00
7/5	OFF	OFF	OFF	OFF
7/6	OFF	OFF	OFF	OFF
7/7	OFF	OFF	OFF	OFF
7/8	OFF	OFF	OFF	OFF
7/9	OFF	OFF	OFF	OFF
7/10	OFF	OFF	OFF	OFF
7/11	OFF	OFF	OFF	OFF
7/12	OFF	OFF	OFF	OFF
7/13	OFF	OFF	OFF	OFF
7/14	OFF	OFF	OFF	OFF
7/15	OFF	OFF	OFF	OFF
7/16	OFF	OFF	OFF	OFF
7/17	OFF	OFF	OFF	OFF
7/18	OFF	OFF	OFF	OFF
7/19	OFF	OFF	OFF	OFF
7/20	OFF	OFF	OFF	OFF
7/21	OFF	OFF	OFF	OFF
7/22	OFF	OFF	OFF	OFF
7/23	OFF	OFF	OFF	OFF
7/24	OFF	OFF	0.20	0.00
7/25	OFF	OFF	0.15	0.00
7/26	OFF	OFF	0.05	0.00
7/27	OFF	OFF	0.22	0.00
7/28	OFF	OFF	0.19	0.00
7/29	OFF	OFF	0.08	0.00
7/30	OFF	OFF	OFF	OFF
7/31	OFF	OFF	OFF	OFF

DISTRIBUTION SITES			
DATE	SITE	ClO <sub>2</sub>	ClO <sup>-</sup>
7/2/2020	Olympia	0.00	0.00
	Boling St	0.01	0.00
	John Hopkins	0.03	0.00

# CITY OF JACKSON TOC REMOVAL SUMMARY

2020

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

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

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

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
<b>RUNNING ANNUAL AVERAGE</b>	OBC HS1						1.46
	OBC HS2						1.48
	JHF HS1						1.53
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.49</b>



# CITY OF JACKSON TOC REMOVAL SUMMARY

2020

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

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

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

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
6/3/2020	OBC HS1	12	6.2	3.0	51.6	50.0	1.03
	OBC HS2	12	6.2	3.0	51.6	50.0	1.03
	JHF HS1	20	7.4	3.4	54.1	50.0	1.08
6/11/2020	OBC HS1	10	4.5	1.7	62.2	45.0	1.38
	OBC HS2	10	4.5	2.3	48.9	45.0	1.09
	JHF HS1	11	5.8	2.2	62.1	45.0	1.38
6/18/2020	OBC HS1	11	5.9	2.4	59.3	45.0	1.32
	OBC HS2	11	5.9	1.9	67.8	45.0	1.51
	JHF HS1	17	6.0	2.0	66.7	45.0	1.48
<b>RUNNING ANNUAL AVERAGE</b>	OBC HS1						1.35
	OBC HS2						1.38
	JHF HS1						1.40
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.39</b>

CITY OF JACKSON TOC REMOVAL SUMMARY

2020

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

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

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

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 (%)	
6/25/2020	OBC HS1	12	5.7	2.0	64.9	45.0	1.44
	OBC HS2	12	5.7	1.6	71.9	45.0	1.60
	JHF HS1	12	6.4	1.6	75.0	45.0	1.67
7/2/2020	OBC HS1	15	6.9	3.2	53.6	45.0	1.19
	OBC HS2	15	6.9	2.7	60.9	45.0	1.35
	JHF HS1	16	5.6	1.8	67.9	45.0	1.51
7/8/2020	OBC HS1	13	9.1	4.5	50.5	50.0	1.01
	OBC HS2	13	9.1	4.9	46.2	50.0	0.92
	JHF HS1	15	8.7	4.6	47.1	50.0	0.94
7/14/2020	OBC HS1	13	8.6	3.0	65.1	50.0	1.30
	OBC HS2	13	8.6	4.1	52.3	50.0	1.05
	JHF HS1	14	6.9	4.8	51.0	50.0	1.02
7/21/2020	OBC HS1	15	9.7	4.6	52.6	50.0	1.05
	OBC HS2	15	9.7	5.2	46.4	50.0	0.93
	JHF HS1	15	9.8	4.8	51.0	50.0	1.02
7/27/2020	OBC HS1	19	8.9	4.1	53.9	50.0	1.08
	OBC HS2	19	8.9	4.8	46.1	50.0	0.92
	JHF HS1	20	8.0	3.0	62.5	45.0	1.39
	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						
<b>RUNNING ANNUAL AVERAGE</b>	OBC HS1						1.32
	OBC HS2						1.33
	JHF HS1						1.39
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.35</b>

**CITY OF JACKSON  
CORROSION CONTROL DATA**

July 2020 DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
7/1	0700 - 1500	9.4	48	16	9.1	21	58
	1500 - 2300	9.3	20	19	9.1	25	50
	2300 - 0700	9.4	45	22	9.7	22	56
7/2	0700 - 1500	9.0	40	15	9.4	22	61
	1500 - 2300	9.3	43	21	9.2	28	51
	2300 - 0700	9.1	43	21	9.6	24	71
7/3	0700 - 1500	9.2	41	17	9.4	19	43
	1500 - 2300	9.1	36	13	9.5	22	59
	2300 - 0700	9.2	42	21	9.7	22	54
7/4	0700 - 1500	9.3	33	15	9.5	25	47
	1500 - 2300	9.2	31	14	9.4	24	49
	2300 - 0700	9.4	36	18	9.2	24	57
7/5	0700 - 1500	9.2	41	18	9.5	19	50
	1500 - 2300	9.3	46	16	9.5	22	61
	2300 - 0700	9.3	43	16	9.6	24	52
7/6	0700 - 1500	9.3	45	18	9.4	21	60
	1500 - 2300	9.3	48	20	9.5	28	55
	2300 - 0700	9.3	48	23	9.5	22	62
7/7	0700 - 1500	9.4	45	16	9.4	20	61
	1500 - 2300	9.4	49	22	9.4	29	53
	2300 - 0700	9.4	57	20	9.5	21	59
7/8	0700 - 1500	9.4	37	18	9.7	21	60
	1500 - 2300	9.4	45	15	9.5	24	50
	2300 - 0700	9.4	49	17	9.5	24	59
7/7	0700 - 1500	9.4	45	15	9.4	20	61
	1500 - 2300	9.4	49	22	9.4	29	53
	2300 - 0700	9.4	47	19	9.5	21	59
7/9	0700 - 1500	9.4	39	14	9.2	19	60
	1500 - 2300	4.5	37	13	9.0	27	55
	2300 - 0700	9.6	46	23	9.1	18	52
7/10	0700 - 1500	9.4	44	15	9.7	23	65
	1500 - 2300	9.5	40	14	9.7	25	63
	2300 - 0700	9.5	46	16	9.6	23	56

**CITY OF JACKSON  
CORROSION CONTROL DATA**

July 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
7/11	0700 - 1500	9.6	44	15	9.8	28	50
	1500 - 2300	9.6	40	14	9.0	26	49
	2300 - 0700	9.7	46	16	9.6	22	63
7/12	0700 - 1500	9.4	45	15	9.5	19	59
	1500 - 2300	9.0	41	15	9.0	25	53
	2300 - 0700	9.0	41	15	9.0	31	52
7/13	0700 - 1500	8.8	42	16	9.7	26	65
	1500 - 2300	9.3	44	19	9.2	24	41
	2300 - 0700	9.2	46	22	9.4	22	59
7/14	0700 - 1500	9.1	46	15	9.1	23	69
	1500 - 2300	9.2	49	21	9.5	28	47
	2300 - 0700	8.5	47	19	9.5	20	54
7/15	0700 - 1500	8.3	31	13	9.5	21	60
	1500 - 2300	8.4	38	16	9.1	21	45
	2300 - 0700	8.3	39	18	9.4	20	57
7/16	0700 - 1500	9.7	50	15	9.1	17	61
	1500 - 2300	9.2	42	18	9.5	22	50
	2300 - 0700	9.7	41	17	9.5	22	60
7/17	0700 - 1500	9.4	30	11	9.5	21	66
	1500 - 2300	9.5	37	12	9.4	21	59
	2300 - 0700	9.2	38	29	9.4	22	62
7/18	0700 - 1500	9.5	36	13	9.6	30	56
	1500 - 2300	9.8	48	12	9.0	23	45
	2300 - 0700	9.6	51	15	9.7	26	35
7/19	0700 - 1500	9.2	44	16	6.5	21	61
	1500 - 2300				9.2	17	33
	2300 - 0700	9.3	43	19	9.5	17	47
7/20	0700 - 1500	9.3	49	14	9.2	22	53
	1500 - 2300	9.2	52	19	9.5	25	62
	2300 - 0700	9.1	48	20	9.3	25	60
7/21	0700 - 1500	9.6	59	15	9.2	20	63
	1500 - 2300	9.3	51	20	9.2	23	43
	2300 - 0700	9.4	50	20	9.7	24	62

**CITY OF JACKSON  
CORROSION CONTROL DATA**

July 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
7/22	0700 - 1500	9.5	45	12	9.7	25	69
	1500 - 2300	9.6	58	13	9.2	24	49
	2300 - 0700	9.4	57	15	9.4	25	63
7/23	0700 - 1500	9.7	52	17	9.3	23	69
	1500 - 2300	9.6	50	15	9.2	25	56
	2300 - 0700	9.7	52	13	9.5	27	68
7/24	0700 - 1500	9.6	41	13	9.3	24	73
	1500 - 2300	9.8	48	12	9.5	24	65
	2300 - 0700	10.0	62	13	9.5	25	66
7/25	0700 - 1500	9.8	49	14	9.2	26	58
	1500 - 2300	9.9	55	13	9.0	29	54
	2300 - 0700	9.7	53	16	9.5	25	62
7/26	0700 - 1500	9.4	60	13	9.5	26	65
	1500 - 2300	9.5	62	16	9.7	30	71
	2300 - 0700	9.8	59	15	9.5	35	52
7/27	0700 - 1500	9.4	58	15	9.6	30	77
	1500 - 2300	9.6	63	16	9.4	31	70
	2300 - 0700	9.5	60	16	9.1	27	70
7/28	0700 - 1500	9.5	61	14	9.3	28	75
	1500 - 2300	9.7	44	35	9.5	35	76
	2300 - 0700	9.7	58	19	9.4	35	74
7/29	0700 - 1500	9.4	44	13	9.7	30	72
	1500 - 2300	9.4	59	15	9.2	21	62
	2300 - 0700	9.5	61	17	9.2	22	69
7/30	0700 - 1500	9.6	57	16	9.7	25	62
	1500 - 2300	9.8	50	22	9.7	26	61
	2300 - 0700	9.9	53	17	9.5	24	69
7/31	0700 - 1500	9.4	40	13	9.5	24	69
	1500 - 2300	9.3	36	14	9.2	26	62
	2300 - 0700	9.2	43	13	9.4	24	63
<b>MONTHLY MIN</b>		<b>4.5</b>	<b>20</b>	<b>13</b>	<b>9.0</b>	<b>18</b>	<b>43</b>
<b>MONTHLY MAX</b>		<b>9.7</b>	<b>57</b>	<b>23</b>	<b>9.8</b>	<b>29</b>	<b>71</b>
<b>MONTHLY AVG</b>		<b>9.2</b>	<b>43</b>	<b>17</b>	<b>9.4</b>	<b>23</b>	<b>56</b>

## Comments

### JH Fewell (TF081)

Leopold was at Fewell doing filter assessments and getting samples of the media. - 6/28/20- 7/2/20

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

Grab data was inputted for 7/2/20 at 4:00pm till 7/3/20 on filter turbidity report, due to severe storm creating power flickers and lightning strikes tripping the breaker to the PLC that relayed the turbidity information to the historian. Roy came out and solved the issue once informed of it.

#### **Online Monitoring Last Date of Calibration for JH Fewell**

HS CL17, Raw, Floc, and High Service pH probe - 6/30/20

Basin CL17 - 7/2/20

7/6/20 – Drained sedimentation basins.

7/8/20- Cedar Hills elevated storage tank was washed and inspected.

7/9/20 – Drained sedimentation basins. Replaced 2 valves on clara-trac system. flocculators.

JDV Equipment company came to look at and assess the walking beam

an asses the walking beam flocculatora

7/10/20 - All CL17s calibrated. Drained sedimentation basins. Replaced 2 valves on clara-trac system.

7/13/20 – Drained sedimentation basins. Replaced 1 valve on clara-trac system.

7/14/20 – Replace 1 actuator on clara-trac system. Replaced SC – 200 controller on #17 filter turbidity meter.

Calibrated High Service CL17.

7/15/20 – Replaced 1 actuator on clara- trac system.

Replaced SC -200 controller on #3 Sedimentation Front End & Mid- Point turbidity meter.

7/16/20 – Filter #28 repaired and placed back in service.

7/17/20 – Basin CL17s calibrated. TV road well is down.

7/23/20 – Calibrated Raw, Floc, Settled, and High Service pH probes.

7/24/20 – All CL17s calibrated. Repaired an actuator on basin 3 for clara-trac.

7/30/20 – Cleaned basin #3 & #4 Front-End & Mid-Point Turbidity Meters. Cleaned Stream & Current Detector and feed lii

7/31/20 – Calibrated all CL17s.

### OB Curtis Membrane (TF082)

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

Settled water - 7/8-7/9, 7/11-Grab data was lower. 7/10-No data.

Chlorine - 7/9-4PM-Replaced with grab data.

### OB Curtis Membrane (TF083)

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

Finished water turbidities-7/8; 7/15 12PM; 7/18-12PM-Online reading showed a spike, replaced with grab data.

Train #2 - 7/1-Grab data was lower. 7/2-8AM-7/4-Replaced with grab data. Online data reading .122.

Train #4 - 7/3-7/4-Replaced with grab data. Online data reading .237.

Grab data was used for membrane turbidities from 7/12 at 12:00 AM until 7/15 at 4:00 PM

Train #3 - Grab data was used 7/17 -12:00 PM -8:00 PM; 7/18 - 12:00 AM-4:00AM

Train #4 - Grab data was used 7/17 - 4:00 AM; 7/18 - 4:00 AM

Train #6 Grab data was used 7/14 - 8:00 AM - 7/16 - 8:00 AM

Train #2 Grab data was used 7/24-7/25 signal failure

High Service #2 Cl from 7/23-7/25.

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

CL17s - 7/4/2020

7/15 Membrane turbidimeters were reset, to correct error reading

7/30/20 All Cl 17 Chlorine Analyzers and 1720 E Turbidimeters were calibrated

5300 Turbidimeter calibrations were verified.

### 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.
4. pH meters installed: Conventional and membrane Pre-ox basins, Conventional and membrane flume July 27 & 28
5. Preventative maintenance on Raw Water Screens July 27
6. Installed PIAB valve on Train #2 July 27
7. Installed a water hose to clean Raw Water Screen trough July 29,2020
8. Diagnostic check on Raw Water Pump #2 losing signal to PLC, repairs made July 30, 2020
9. Repairs to Soda Ash Pumps #3 & #4 July 31, 2020
10. Basin #3 Clar-Trac sensors repair and replacement Aug 1

### 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



Date