

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

System ID **250008-01**
Month of **June 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	3.4	13	3.3	19	2.5	25	3.3
2	3.8	8	2.5	14	3.0	20	3.2	26	3.0
3	3.5	9	3.2	15	2.4	21	2.9	27	3.1
4	3.0	10	3.1	16	2.9	22	2.7	28	2.9
5	2.8	11	3.8	17	2.9	23	2.6	29	3.2
6	3.5	12	3.1	18	3.0	24	2.7	30	3.6
								31	

6. Date and duration of each period the disinfectant fell below 0.2 mg/l for more than an hour while entering the distribution system. NONE

7. Total number of disinfectant residual measured in the distribution system where total coliform samples were collected. 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. 6/19/2020

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

System ID
 Month of

250008-01
 June 2020

Jun 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTER	HS #1
6/1	18.4194	0.5694	0.2212	0.1538
6/2	16.0001	0.5681	0.2322	0.1431
6/3	15.6569	0.5124	0.2601	0.1488
6/4	21.6181	0.5390	0.2580	0.1531
6/5	15.2769	0.5394	0.2130	0.1437
6/6	34.8156	0.5412	0.2556	0.1538
6/7	20.8156	0.4598	0.2560	0.1369
6/8	54.4888	0.8344	0.2915	0.2431
6/9	37.3019	0.5023	0.2719	0.1906
6/10	26.7788	0.5956	0.2382	0.1669
6/11	19.8494	0.7158	0.2988	0.1987
6/12	18.3375	0.5090	0.2709	0.1863
6/13	16.8581	0.4791	0.2982	0.1875
6/14	16.8581	0.5302	0.2909	0.1644
6/15	25.4137	0.7821	0.2592	0.1750
6/16	12.0119	0.5490	0.2498	0.2300
6/17	10.1987	0.4994	0.2328	0.1456
6/18	7.2844	0.4246	0.2428	0.1600
6/19	8.4425	0.4623	0.2214	0.1644
6/20	8.1669	0.4449	0.2097	0.1219
6/21	8.8856	0.7594	0.2353	0.1344
6/22	25.3775	0.5794	0.3086	0.2250
6/23	12.9319	0.5994	0.2462	0.1519
6/24	9.9756	0.5094	0.2381	0.1269
6/25	8.2565	0.6794	0.2173	0.1306
6/26	7.9756	0.5894	0.2433	0.1300
6/27	8.9756	1.0394	0.2166	0.1462
6/28	10.1056	0.8330	0.2139	0.1431
6/29	6.0312	0.6921	0.3342	0.2250
6/30	10.2500	0.5945	0.2192	0.1688
MIN	6.0312	0.4246	0.2097	0.1219
MAX	54.4888	1.0394	0.3342	0.2431
AVG	17.1119	0.5978	0.2515	0.1650

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

System ID
Month of

250008-01
June 2020

Jun 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
6/1	0.1381	0.1388	0.1362	0.1538	0.1388	0.1250
6/2	0.1256	0.1275	0.1344	0.1306	0.1431	0.1369
6/3	0.1312	0.1419	0.1488	0.1338	0.1269	0.1262
6/4	0.1406	0.1531	0.1425	0.1388	0.1238	0.1137
6/5	0.1175	0.1238	0.1181	0.1325	0.1319	0.1437
6/6	0.1187	0.1219	0.1388	0.1538	0.1475	0.1369
6/7	0.1281	0.1287	0.1262	0.1338	0.1369	0.1319
6/8	0.1531	0.1737	0.1494	0.2200	0.2431	0.1956
6/9	0.1906	0.1863	0.1775	0.1437	0.1819	0.1437
6/10	0.1587	0.1369	0.1269	0.1669	0.1369	0.1256
6/11	0.1606	0.1269	0.1238	0.1519	0.1956	0.1987
6/12	0.1863	0.1625	0.1806	0.1644	0.1737	0.1775
6/13	0.1538	0.1656	0.1619	0.1875	0.1725	0.1644
6/14	0.1544	0.1606	0.1644	0.1606	0.1612	0.1488
6/15	0.1525	0.1569	0.1750	0.1437	0.1394	0.1469
6/16	0.1444	0.1506	0.1550	0.2300	0.1437	0.2050
6/17	0.1437	0.1456	0.1319	0.1338	0.1281	0.1319
6/18	0.1488	0.1219	0.1462	0.1600	0.1344	0.1187
6/19	0.1644	0.1206	0.1269	0.1362	0.1225	0.1244
6/20	0.1169	0.1219	0.1181	0.1131	0.1219	0.1219
6/21	0.1344	0.1269	0.1275	0.1306	0.1269	0.1213
6/22	0.1269	0.1356	0.1406	0.1663	0.2250	0.1581
6/23	0.1362	0.1369	0.1294	0.1275	0.1519	0.1219
6/24	0.1256	0.1194	0.1269	0.1213	0.1250	0.1187
6/25	0.1206	0.1175	0.1213	0.1306	0.1206	0.1213
6/26	0.1213	0.1119	0.1094	0.1069	0.1175	0.1300
6/27	0.1294	0.1181	0.1069	0.1462	0.1106	0.1106
6/28	0.1256	0.1169	0.1250	0.1431	0.1425	0.1175
6/29	0.1187	0.1206	0.1562	0.2250	0.1844	0.1494
6/30	0.1369	0.1225	0.1213	0.1306	0.1375	0.1688
MIN	0.1169	0.1119	0.1069	0.1069	0.1106	0.1106
MAX	0.1906	0.1863	0.1806	0.2300	0.2431	0.2050
AVG	0.1401	0.1364	0.1382	0.1506	0.1482	0.1412

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

System ID
Month of

250008-01
June 2020

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

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
6/1/2020	12:00 AM	0.0474	OFF	OFF	0.1210	0.1032	0.1241	0.1762	0.2160	0.1637	0.1145	OFF	0.1677	OFF	0.1437	0.1310
	04:00 AM	OFF	OFF	OFF	0.1222	0.1064	0.1253	0.1792	0.2212	0.1593	0.1156	OFF	0.1498	OFF	0.1435	0.1332
	08:00 AM	OFF	OFF	OFF	0.1207	0.1020	0.1235	0.1793	0.2168	0.1624	0.1138	OFF	0.1590	OFF	0.1412	0.1314
	12:00 PM	OFF	OFF	OFF	0.1155	0.0998	0.1170	0.1769	0.2125	0.1636	0.1106	OFF	0.1559	OFF	0.1397	0.1281
	04:00 PM	OFF	OFF	OFF	0.1138	0.1048	0.1158	0.1759	0.2164	0.1644	0.1095	OFF	0.1456	OFF	0.1387	0.1265
	08:00 PM	OFF	OFF	OFF	0.1133	0.1122	0.1159	0.1757	0.2135	0.1644	0.1096	OFF	0.1489	OFF	0.1363	0.1234
	AVG	0.0474	OFF	OFF	0.1178	0.1052	0.1202	0.1772	0.2161	0.1629	0.1122	OFF	0.1545	OFF	0.1405	0.1289
6/2/2020	12:00 AM	OFF	OFF	OFF	0.1093	0.1204	0.1122	0.1706	0.2111	0.1648	0.1049	OFF	0.1303	OFF	0.1279	0.1238
	04:00 AM	OFF	OFF	OFF	0.1109	0.2230	0.1151	0.1716	0.2142	0.1669	0.1042	OFF	0.1257	OFF	0.1284	0.1272
	08:00 AM	OFF	OFF	OFF	0.1101	0.1157	0.1126	0.1782	0.2117	0.1640	0.1033	OFF	0.1380	OFF	0.1285	0.1258
	12:00 PM	OFF	OFF	OFF	0.1030	0.1349	0.1059	OFF	0.2065	OFF	0.0986	OFF	0.1319	OFF	0.1381	0.1195
	04:00 PM	OFF	OFF	OFF	0.1048	0.1269	0.1083	0.2453	0.2078	0.2223	0.1006	OFF	0.1413	OFF	0.1250	0.1212
	08:00 PM	OFF	OFF	OFF	0.1061	0.1269	0.1096	0.2322	0.2077	0.2290	0.1012	OFF	0.1388	OFF	0.1235	0.1213
	AVG	OFF	OFF	OFF	0.1074	0.1368	0.1106	0.2023	0.2098	0.1882	0.1021	OFF	0.1344	OFF	0.1286	0.1231
6/3/2020	12:00 AM	OFF	OFF	OFF	0.1032	0.1194	0.1076	0.2337	0.2050	0.2106	0.0999	OFF	0.1416	OFF	0.1238	0.1204
	04:00 AM	OFF	OFF	OFF	0.1115	0.1172	0.1057	0.2295	0.2030	0.2055	0.0999	OFF	0.1428	OFF	0.1232	0.1201
	08:00 AM	OFF	OFF	OFF	0.0967	0.1165	0.1032	0.2225	0.2018	0.1988	0.0974	OFF	0.1481	OFF	0.1192	0.1181
	12:00 PM	OFF	OFF	OFF	0.0980	0.1146	OFF	0.2107	0.2601	0.1876	0.0930	OFF	0.1406	OFF	0.1171	0.1127
	04:00 PM	OFF	OFF	OFF	0.0945	0.1134	OFF	0.2010	0.2390	0.1823	0.0914	OFF	0.1409	OFF	0.1128	0.1098
	08:00 PM	OFF	OFF	OFF	0.0969	0.1144	OFF	0.2023	0.2345	0.1827	0.0942	OFF	0.1346	OFF	0.1148	0.1109
	AVG	OFF	OFF	OFF	0.1002	0.1160	0.1056	0.2169	0.2268	0.1950	0.0960	OFF	0.1414	OFF	0.1184	0.1154
6/4/2020	12:00 AM	OFF	OFF	OFF	0.1102	0.1185	OFF	0.2231	0.2580	0.2106	0.1038	OFF	0.1358	OFF	0.1319	0.1238
	04:00 AM	OFF	OFF	OFF	0.1269	0.1404	OFF	0.2568	0.2571	0.2204	0.1166	OFF	0.1418	OFF	0.1385	0.1299
	08:00 AM	OFF	OFF	OFF	0.1049	0.1266	OFF	0.2115	0.2339	0.1900	0.0997	OFF	0.1192	OFF	0.1257	0.1167
	12:00 PM	OFF	OFF	OFF	0.1058	0.1168	0.1140	0.2059	0.2132	0.1716	0.0885	OFF	OFF	OFF	0.1107	OFF
	04:00 PM	OFF	OFF	OFF	0.0792	0.1170	0.0975	0.1652	0.1878	0.1483	0.0695	OFF	OFF	OFF	0.1023	0.1469
	08:00 PM	OFF	OFF	OFF	0.0881	0.1087	0.1254	0.1848	0.2129	0.1713	0.0844	OFF	OFF	OFF	0.1069	0.1504
	AVG	OFF	OFF	OFF	0.1029	0.1212	0.1113	0.2104	0.2273	0.1880	0.0947	OFF	0.1346	OFF	0.1193	0.1345
6/5/2020	12:00 AM	OFF	OFF	OFF	0.0900	0.1091	0.1223	0.1843	0.2130	0.1708	0.0871	OFF	OFF	OFF	0.1063	0.1399
	04:00 AM	OFF	OFF	OFF	0.0942	0.1101	0.1169	0.1821	0.2107	0.1637	0.0865	OFF	OFF	OFF	0.1062	0.1330
	08:00 AM	OFF	OFF	OFF	0.0862	0.1104	0.1120	0.1827	0.2093	0.1625	0.1073	OFF	0.1801	OFF	0.1094	0.1278
	12:00 PM	0.0457	OFF	OFF	0.1512	0.1384	0.1087	0.1794	0.2090	0.1594	0.1346	OFF	0.1870	OFF	0.1130	0.1239
	04:00 PM	0.0458	OFF	OFF	0.1397	0.1963	0.1066	0.1789	0.2071	0.1587	0.1213	OFF	0.1676	OFF	0.1084	0.1225
	08:00 PM	0.0458	OFF	OFF	0.1319	0.1073	0.1063	0.1782	0.2058	0.1586	0.1172	OFF	0.1548	OFF	0.1217	0.1212
	AVG	0.0457	OFF	OFF	0.1183	0.1262	0.1121	0.1810	0.2092	0.1619	0.1095	OFF	0.1716	OFF	0.1111	0.1278
6/6/2020	12:00 AM	0.0450	OFF	OFF	0.1237	0.1061	0.1033	0.1768	0.2051	0.1611	0.1124	OFF	0.1477	OFF	0.1138	0.1204
	04:00 AM	0.0477	OFF	OFF	0.1331	0.1052	0.1140	0.1865	0.2165	0.1684	0.1217	OFF	0.1501	OFF	0.1146	0.1303
	08:00 AM	0.0488	OFF	OFF	0.1418	0.1318	0.1231	0.1982	0.2228	0.1759	0.1287	OFF	0.1428	OFF	0.1155	0.1375
	12:00 PM	OFF	OFF	OFF	0.1471	0.1545	0.1286	OFF	0.2267	OFF	0.1343	OFF	0.1571	OFF	0.1305	0.1405
	04:00 PM	0.0450	OFF	OFF	0.1264	0.1452	0.1111	0.2368	0.2125	0.2215	0.1173	OFF	0.1535	OFF	0.1102	0.1246
	08:00 PM	0.0447	OFF	OFF	0.1150	0.1302	0.1032	0.2556	0.2060	0.2176	0.1080	OFF	0.1408	OFF	0.1112	0.1167
	AVG	0.0461	OFF	OFF	0.1312	0.1235	0.1140	0.2105	0.2151	0.1837	0.1203	OFF	0.1487	OFF	0.1159	0.1281
6/7/2020	12:00 AM	0.0434	OFF	OFF	0.1084	0.1254	0.0991	0.2269	0.2022	0.2032	0.1033	OFF	0.1449	OFF	0.1472	0.1152
	04:00 AM	0.0449	OFF	OFF	0.1127	0.1244	0.1047	0.2273	0.2055	0.2075	0.1065	OFF	0.1318	OFF	0.1087	0.1195
	08:00 AM	0.0451	OFF	OFF	0.1197	0.1298	0.1058	0.2254	0.2053	0.2054	0.1075	OFF	0.1223	OFF	0.1093	0.1187
	12:00 PM	0.0421	OFF	OFF	0.0995	0.1252	0.1007	0.2027	OFF	0.1856	0.0964	OFF	0.1109	OFF	OFF	0.1091
	04:00 PM	0.0406	OFF	OFF	0.0936	0.1165	0.1505	0.1897	0.2560	0.1785	0.0904	OFF	0.1132	OFF	0.1863	0.1041
	08:00 PM	0.0423	OFF	OFF	0.0994	0.1182	0.1463	0.1953	0.2472	0.1856	0.0956	OFF	0.1269	OFF	0.1447	0.1074
	AVG	0.0431	OFF	OFF	0.1057	0.1234	0.1170	0.2115	0.2199	0.1945	0.1000	OFF	0.1258	OFF	0.1437	0.1122

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
6/8/2020	12:00 AM	0.0443	OFF	OFF	0.1065	0.1191	0.1416	0.1997	0.2444	0.1933	0.1013	OFF	0.1330	OFF	0.1491	0.1147
	04:00 AM	0.0463	OFF	OFF	0.1132	0.1203	0.1252	0.2059	0.2421	0.1960	0.1106	OFF	0.1262	OFF	0.1495	0.1222
	08:00 AM	0.0477	OFF	OFF	0.1280	0.1208	0.1586	0.2264	0.2764	0.2223	0.1198	OFF	0.1394	OFF	0.1814	0.1278
	12:00 PM	OFF	OFF	OFF	0.1848	0.1620	0.2757	0.2952	0.2818	0.2915	0.1649	OFF	0.1499	OFF	0.2585	OFF
	04:00 PM	OFF	OFF	OFF	0.1677	0.1847	0.2243	0.2812	0.1791	0.2588	0.1516	OFF	0.1710	OFF	0.2134	0.2409
	08:00 PM	0.0737	OFF	OFF	0.1417	0.1502	0.1857	0.2429	0.1320	0.2363	0.1318	OFF	0.2341	OFF	0.1844	0.1985
	AVG	0.0496	OFF	OFF	0.1421	0.1450	0.1893	0.2438	0.2259	0.2355	0.1314	OFF	0.1588	OFF	0.1903	0.1608
6/9/2020	12:00 AM	0.0773	OFF	OFF	0.1467	0.1518	0.1890	0.2722	OFF	0.2410	0.1395	OFF	0.2319	OFF	0.1883	0.2012
	04:00 AM	0.0713	OFF	OFF	0.1450	0.1563	0.1796	0.2746	OFF	0.2354	0.1388	OFF	0.2169	OFF	0.1825	0.1911
	08:00 AM	0.0541	OFF	OFF	0.1120	0.1435	0.1280	0.2221	0.2719	0.1931	0.1152	OFF	0.1576	OFF	0.1396	0.1459
	12:00 PM	0.0497	OFF	OFF	0.1683	0.1345	0.1135	0.2036	0.2487	0.1821	0.1434	OFF	0.1404	OFF	0.1286	0.1333
	04:00 PM	0.0503	OFF	OFF	0.1689	0.1662	0.1153	0.2004	0.2479	0.1846	0.1494	OFF	0.1367	OFF	0.1376	0.1353
	08:00 PM	0.0505	OFF	OFF	0.1517	OFF	0.1192	0.2039	0.2468	0.1876	0.1455	OFF	0.1411	OFF	0.1328	0.1375
	AVG	0.0595	OFF	OFF	0.1478	0.1501	0.1417	0.2301	0.2512	0.2047	0.1417	OFF	0.1709	OFF	0.1516	0.1580
6/10/2020	12:00 AM	0.0494	OFF	OFF	0.1411	OFF	0.1150	0.1942	0.2382	0.1851	0.1331	OFF	0.1355	OFF	0.1295	0.1347
	04:00 AM	0.0476	OFF	OFF	0.1310	OFF	0.1091	0.1867	0.2296	0.1798	0.1244	OFF	0.1288	OFF	0.1247	0.1284
	08:00 AM	0.0453	OFF	OFF	0.1188	OFF	0.0990	0.1786	0.2191	0.1721	0.1134	OFF	0.1194	OFF	0.1178	0.1212
	12:00 PM	0.0426	OFF	OFF	0.1045	OFF	0.0898	0.1681	0.2128	0.1623	0.1004	OFF	0.1085	OFF	0.1080	0.1109
	04:00 PM	0.0420	OFF	OFF	0.1004	OFF	0.0910	0.1629	0.2159	0.1616	0.0988	OFF	0.1046	OFF	0.1067	0.1099
	08:00 PM	0.0434	OFF	OFF	0.1055	OFF	0.0975	0.1690	0.2196	0.1664	0.1023	OFF	0.1097	OFF	0.1101	0.1137
	AVG	0.0452	OFF	OFF	0.1178	OFF	0.1008	0.1771	0.2228	0.1717	0.1127	OFF	0.1174	OFF	0.1163	0.1202
6/11/2020	12:00 AM	0.0457	OFF	OFF	0.1156	OFF	0.1070	0.1843	0.2288	0.1753	0.1113	OFF	0.1201	OFF	0.1100	0.1231
	04:00 AM	0.0457	OFF	OFF	0.1149	OFF	0.1062	0.1876	0.2273	0.1749	0.1103	OFF	0.1198	OFF	0.1366	0.1231
	08:00 AM	0.0473	OFF	OFF	0.1193	OFF	0.1120	0.1924	0.2358	0.1797	0.1423	OFF	0.1296	OFF	0.1610	0.1263
	12:00 PM	0.0523	OFF	OFF	0.1411	0.1428	0.1301	0.2057	0.2604	0.1967	0.1514	OFF	0.1357	OFF	0.1444	0.1421
	04:00 PM	0.0648	OFF	OFF	0.1940	0.1836	0.1743	OFF	0.2517	0.2367	0.1823	OFF	0.1867	OFF	0.1766	0.1773
	08:00 PM	0.0614	OFF	OFF	0.1855	0.1834	0.1671	OFF	0.2988	0.2302	0.1723	OFF	0.1881	OFF	0.1695	0.1707
	AVG	0.0538	OFF	OFF	0.1478	0.1742	0.1354	0.1898	0.2504	0.2008	0.1462	OFF	0.1486	OFF	0.1501	0.1460
6/12/2020	12:00 AM	0.0538	OFF	OFF	0.1541	0.1579	0.1413	OFF	0.2678	0.2088	0.1434	OFF	0.1600	OFF	0.1472	0.1507
	04:00 AM	0.0512	OFF	OFF	0.1397	0.1479	0.1305	OFF	0.2552	0.2005	0.1302	OFF	0.1456	OFF	0.1376	0.1415
	08:00 AM	0.0518	OFF	OFF	0.1436	0.1453	0.1315	0.2069	0.2644	0.2062	0.1346	OFF	0.1541	OFF	0.1494	0.1450
	12:00 PM	0.0533	0.0596	OFF	0.1485	0.1474	0.1954	0.2875	0.2709	0.2138	0.1363	OFF	OFF	OFF	0.1525	0.1484
	04:00 PM	0.0529	0.0642	OFF	0.1407	0.1439	0.2076	OFF	0.2676	0.2162	0.1346	OFF	OFF	OFF	0.1490	0.1442
	08:00 PM	0.0511	OFF	0.0587	0.1324	0.1428	0.1872	OFF	0.2600	OFF	0.1304	OFF	OFF	OFF	0.1475	0.1389
	AVG	0.0524	0.0625	0.0587	0.1434	0.1476	0.1661	0.2829	0.2644	0.2082	0.1349	OFF	0.1533	OFF	0.1472	0.1449
6/13/2020	12:00 AM	0.0495	OFF	OFF	0.1267	0.1401	0.1745	OFF	0.2521	OFF	0.1250	OFF	OFF	OFF	0.1431	0.1355
	04:00 AM	0.0496	0.0596	OFF	0.1315	0.1371	0.1702	0.2610	0.2513	0.2982	0.1247	OFF	OFF	OFF	0.1423	0.1360
	08:00 AM	0.0504	0.0597	0.0254	0.1331	0.1392	0.1612	0.2531	0.2507	0.2710	0.1287	OFF	OFF	OFF	0.1459	0.1475
	12:00 PM	0.0478	0.0532	0.0238	0.1684	0.1333	0.1412	0.2332	0.2343	0.2332	0.1150	OFF	OFF	OFF	0.1548	0.1364
	04:00 PM	0.0481	OFF	OFF	0.1565	0.1284	0.1441	0.2354	OFF	0.2309	0.1168	OFF	OFF	OFF	0.1795	0.1734
	08:00 PM	0.0476	OFF	OFF	0.1521	0.1330	0.1441	0.2338	OFF	0.2285	0.1147	OFF	OFF	OFF	0.1733	0.1692
	AVG	0.0489	0.0567	0.0240	0.1436	0.1352	0.1562	0.2394	0.2510	0.2424	0.1209	OFF	OFF	OFF	0.1565	0.1490
6/14/2020	12:00 AM	0.0477	OFF	OFF	0.1566	0.1361	0.1468	0.2419	OFF	0.2315	0.1162	OFF	OFF	OFF	0.1734	0.1702
	04:00 AM	0.0481	OFF	OFF	0.1548	0.1383	0.1481	0.2436	OFF	0.2315	0.1177	OFF	OFF	OFF	0.1734	0.1702
	08:00 AM	0.0488	0.0545	OFF	0.1597	0.1383	0.1466	0.2424	0.2909	0.2288	0.1183	OFF	OFF	OFF	0.1717	0.1671
	12:00 PM	OFF	0.0543	OFF	0.1538	0.1400	0.1348	0.2288	0.2755	0.2164	OFF	OFF	OFF	OFF	0.1590	0.1531
	04:00 PM	OFF	0.0509	OFF	0.1408	0.1897	0.1276	0.2227	0.2622	0.2065	0.1504	OFF	OFF	OFF	0.1486	0.1427
	08:00 PM	OFF	0.0517	OFF	0.1384	OFF	0.1271	0.2176	0.2588	0.2060	0.1552	OFF	0.1769	OFF	0.1473	0.1424
	AVG	0.0481	0.0524	OFF	0.1508	0.1452	0.1386	0.2329	0.2681	0.2201	0.1291	OFF	0.1769	OFF	0.1623	0.1576

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
6/15/2020	12:00 AM	OFF	0.0672	OFF	0.1406	OFF	0.1307	0.2270	0.2592	0.2115	0.1522	OFF	0.1762	OFF	0.1527	0.1468
	04:00 AM	OFF	0.0600	OFF	0.1358	OFF	0.1262	0.2260	0.2505	0.2059	0.1429	OFF	0.1625	OFF	0.1517	0.1423
	08:00 AM	OFF	0.0649	OFF	0.1287	0.1743	0.1219	0.2192	0.2377	0.1970	0.1295	OFF	0.1480	OFF	0.1369	0.1326
	12:00 PM	OFF	0.0633	OFF	0.1138	0.1511	0.1562	0.2039	0.2281	0.1864	0.1168	OFF	0.1327	OFF	0.1271	0.1235
	04:00 PM	OFF	OFF	OFF	0.1131	0.1395	0.1446	0.2073	0.2302	0.1870	0.1164	OFF	0.1322	OFF	0.1276	0.1239
	08:00 PM	OFF	OFF	OFF	0.1188	0.1391	0.1482	0.2099	0.2355	0.1928	0.1218	OFF	0.1382	OFF	0.1324	0.1286
	AVG	OFF	0.0639	OFF	0.1256	0.1495	0.1396	0.2157	0.2407	0.1971	0.1305	OFF	0.1492	OFF	0.1384	0.1331
6/16/2020	12:00 AM	OFF	OFF	OFF	0.1243	0.1442	0.1545	0.1885	0.2426	0.2014	0.1280	OFF	0.1455	OFF	0.1388	0.1354
	04:00 AM	OFF	OFF	OFF	0.1330	0.1560	0.1623	0.1649	0.2498	0.2088	0.1355	OFF	0.1539	OFF	0.1452	0.1414
	08:00 AM	0.0573	OFF	OFF	0.1269	0.1533	0.1476	0.1949	0.2427	0.2313	0.1260	OFF	0.1485	OFF	0.1371	0.1347
	12:00 PM	0.0566	OFF	OFF	0.1650	0.1373	0.1240	0.1879	0.2296	0.2309	0.1088	OFF	0.1244	OFF	0.1218	0.1215
	04:00 PM	OFF	OFF	OFF	0.1455	0.1262	0.1231	0.1756	0.2269	0.2195	0.1065	OFF	0.1220	OFF	0.1209	0.1197
	08:00 PM	OFF	OFF	OFF	0.1518	0.1309	0.1328	0.1825	0.2317	0.2277	0.1142	OFF	0.1304	OFF	0.1281	0.1262
	AVG	0.0572	OFF	OFF	0.1419	0.1420	0.1412	0.1817	0.2375	0.2192	0.1202	OFF	0.1379	OFF	0.1321	0.1301
6/17/2020	12:00 AM	OFF	OFF	OFF	0.1547	0.1350	0.1351	0.1865	0.2328	0.2280	0.1179	OFF	0.1351	OFF	0.1304	0.1279
	04:00 AM	OFF	OFF	OFF	0.1448	0.1331	0.1276	0.1759	0.2249	0.2152	0.1117	OFF	0.1280	OFF	0.1248	0.1233
	08:00 AM	0.0566	OFF	OFF	0.1284	0.1247	0.1105	0.1623	0.2160	0.1948	0.1303	OFF	0.1196	OFF	0.1500	0.1150
	12:00 PM	OFF	0.0524	OFF	0.1186	0.1259	0.1058	0.1516	0.2141	0.1883	0.1191	OFF	0.1093	OFF	0.1497	OFF
	04:00 PM	OFF	0.0494	OFF	0.1130	0.1135	0.1000	0.1481	0.2111	0.1854	0.1139	OFF	0.1077	OFF	0.1400	OFF
	08:00 PM	OFF	0.0497	OFF	0.1220	0.1216	0.1093	0.1553	0.2156	0.1956	0.1220	OFF	0.1143	OFF	0.1489	OFF
	AVG	0.0566	0.0505	OFF	0.1311	0.1260	0.1157	0.1640	0.2193	0.2024	0.1185	OFF	0.1194	OFF	0.1401	0.1236
6/18/2020	12:00 AM	OFF	0.0477	OFF	0.1217	0.1288	0.1086	0.1597	0.2137	0.1934	0.1191	OFF	0.1152	OFF	0.1424	OFF
	04:00 AM	OFF	0.0418	OFF	0.1044	0.1234	0.0984	0.1430	0.2021	0.1800	0.1038	OFF	0.1062	OFF	0.1271	OFF
	08:00 AM	OFF	0.0455	OFF	0.1142	0.1260	0.1064	0.1518	0.2674	0.1893	0.1127	OFF	0.1471	OFF	0.1374	OFF
	12:00 PM	OFF	0.0416	OFF	0.1074	0.1340	0.0983	0.1455	0.2428	0.1793	0.1033	OFF	0.1386	OFF	0.1249	OFF
	04:00 PM	OFF	0.0378	OFF	0.0932	0.1239	0.0894	0.1343	0.2229	0.1691	0.0925	OFF	0.1179	OFF	0.1143	OFF
	08:00 PM	OFF	0.0382	OFF	0.0957	0.1237	0.0891	0.1577	0.2223	0.1705	0.0946	OFF	0.1192	OFF	0.1161	OFF
	AVG	OFF	0.0424	OFF	0.1066	0.1255	0.0987	0.1493	0.2262	0.1808	0.1047	OFF	0.1232	OFF	0.1272	OFF
6/19/2020	12:00 AM	OFF	0.0381	OFF	0.0956	0.1235	0.0894	0.1834	0.2204	0.1731	0.0946	OFF	0.1176	OFF	0.1167	OFF
	04:00 AM	OFF	0.0392	OFF	0.0996	0.1269	0.0942	0.1960	0.2214	0.1755	0.0976	OFF	0.1210	OFF	0.1195	OFF
	08:00 AM	OFF	0.0441	OFF	0.0981	0.1246	0.1411	0.2243	0.2175	0.1735	0.0960	OFF	0.1248	OFF	0.1181	OFF
	12:00 PM	OFF	0.0385	OFF	0.0948	0.1198	0.1293	0.2428	0.2152	0.2123	0.0938	OFF	0.1131	OFF	0.1148	OFF
	04:00 PM	OFF	0.0367	OFF	0.0896	0.1150	0.1149	0.2183	0.2078	0.1939	0.0891	OFF	0.1068	OFF	0.1096	OFF
	08:00 PM	OFF	0.0376	OFF	0.0933	0.1184	0.1183	0.2223	0.2108	0.1959	0.0924	OFF	0.1116	OFF	0.1134	OFF
	AVG	OFF	0.0393	OFF	0.0952	0.1215	0.1140	0.2132	0.2157	0.1874	0.0940	OFF	0.1162	OFF	0.1153	OFF
6/20/2020	12:00 AM	OFF	0.0373	OFF	0.0928	0.1194	0.1172	0.2172	0.2097	0.1947	0.0931	OFF	0.1124	OFF	0.1137	OFF
	04:00 AM	OFF	0.0363	OFF	0.0888	0.1163	0.1075	0.2052	0.2022	0.1830	0.0887	OFF	0.1071	OFF	0.1083	OFF
	08:00 AM	0.0488	0.0398	OFF	0.0856	0.1122	0.1024	0.2006	0.1985	0.1779	0.0865	OFF	0.1140	OFF	0.1063	OFF
	12:00 PM	0.0459	0.0442	OFF	0.1441	0.1113	0.1003	0.1984	0.2001	0.1774	0.0866	OFF	0.1044	OFF	0.1066	OFF
	04:00 PM	0.0449	0.0451	OFF	0.1289	0.1128	0.1066	0.2049	0.2051	0.1818	0.1075	OFF	0.1083	OFF	0.1445	OFF
	08:00 PM	0.0413	0.0454	OFF	0.1248	0.1157	0.1105	0.2076	0.2081	0.1849	OFF	OFF	0.1112	OFF	0.1503	OFF
	AVG	0.0462	0.0408	OFF	0.1105	0.1146	0.1075	0.2057	0.2042	0.1834	0.0929	OFF	0.1096	OFF	0.1182	OFF
6/21/2020	12:00 AM	OFF	OFF	OFF	0.1267	0.1194	0.1116	0.2128	0.2082	0.1896	OFF	OFF	0.1135	OFF	0.1483	OFF
	04:00 AM	OFF	OFF	OFF	0.1216	0.1186	0.1071	0.2105	0.2061	0.1851	OFF	OFF	0.1130	OFF	0.1407	OFF
	08:00 AM	OFF	OFF	OFF	0.1097	0.1122	0.0989	0.2031	0.2353	0.1762	0.1265	OFF	0.1234	OFF	0.1291	OFF
	12:00 PM	OFF	OFF	OFF	0.1083	0.1362	0.0979	0.1979	0.2327	0.1749	0.1144	OFF	0.1357	OFF	0.1268	OFF
	04:00 PM	OFF	OFF	OFF	0.1082	0.1307	0.0989	0.1998	0.2254	0.1744	0.1105	OFF	0.1293	OFF	0.1241	OFF
	08:00 PM	OFF	OFF	OFF	0.1078	0.1281	0.1009	0.1996	0.2235	0.1762	0.1094	OFF	0.1277	OFF	0.1251	OFF
	AVG	OFF	OFF	OFF	0.1141	0.1237	0.1026	0.2039	0.2210	0.1796	0.1147	OFF	0.1239	OFF	0.1324	OFF

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
6/22/2020	12:00 AM	OFF	OFF	OFF	0.1151	0.1328	0.1067	0.2055	0.2286	0.1833	0.1144	OFF	0.1315	OFF	0.1309	OFF
	04:00 AM	OFF	OFF	OFF	0.1179	0.1347	0.1096	0.2101	0.2303	0.1853	0.1164	OFF	0.1342	OFF	0.1331	OFF
	08:00 AM	0.0521	OFF	OFF	0.1218	0.1366	0.1442	0.2136	0.2362	0.1899	0.1219	OFF	0.1363	OFF	0.1422	OFF
	12:00 PM	0.0560	OFF	OFF	0.1390	0.1498	0.2372	0.3086	0.2503	0.2639	0.1370	OFF	0.1566	OFF	0.1651	OFF
	04:00 PM	0.0555	OFF	OFF	0.1384	0.1498	0.1935	0.3084	0.2462	0.2668	0.1346	OFF	0.1579	OFF	0.1549	OFF
	08:00 PM	0.0489	OFF	OFF	0.1172	0.1342	0.1479	0.2608	0.2212	0.2192	0.1140	OFF	0.1359	OFF	0.1318	OFF
	AVG	0.0531	OFF	OFF	0.1247	0.1396	0.1591	0.2515	0.2350	0.2140	0.1227	OFF	0.1417	OFF	0.1433	OFF
6/23/2020	12:00 AM	0.0475	OFF	OFF	0.1095	0.1288	0.1385	0.2426	0.2142	0.2126	0.1085	OFF	0.1273	OFF	0.1291	OFF
	04:00 AM	0.0483	OFF	OFF	0.1123	0.1318	0.1390	0.2462	0.2156	0.2077	0.1109	OFF	0.1301	OFF	0.1295	OFF
	08:00 AM	0.0482	OFF	OFF	0.1201	0.1274	0.1293	0.2366	0.2094	0.1967	0.1059	OFF	0.1360	OFF	0.1242	OFF
	12:00 PM	0.0440	OFF	OFF	0.1452	0.1188	0.1126	0.2152	0.1967	0.1797	0.1016	OFF	0.1158	OFF	0.1571	OFF
	04:00 PM	0.0428	OFF	OFF	0.1197	0.1148	0.1103	0.2065	0.1947	0.1740	0.1140	OFF	0.1078	OFF	0.1406	OFF
	08:00 PM	0.0418	OFF	OFF	0.1140	0.1150	0.1062	0.2156	0.1920	0.1670	0.1086	OFF	0.1065	OFF	0.1315	OFF
	AVG	0.0455	OFF	OFF	0.1208	0.1227	0.1229	0.2270	0.2040	0.1892	0.1089	OFF	0.1210	OFF	0.1345	OFF
6/24/2020	12:00 AM	0.0418	OFF	OFF	0.1110	0.1190	0.1079	0.2037	0.1920	0.1761	0.1063	OFF	0.1060	OFF	0.1307	OFF
	04:00 AM	0.0438	OFF	OFF	0.1208	0.1268	0.1136	0.2122	0.1973	0.1888	0.1123	OFF	0.1109	OFF	0.1358	OFF
	08:00 AM	0.0451	OFF	OFF	0.1125	0.1213	0.1076	0.2101	0.1889	0.1845	0.1071	OFF	0.1241	OFF	0.1304	OFF
	12:00 PM	0.0420	OFF	OFF	0.1082	0.1165	0.1044	0.2070	0.2381	0.1824	0.1040	OFF	0.1202	OFF	0.1269	OFF
	04:00 PM	0.0418	OFF	OFF	0.1081	0.1379	0.1064	0.2027	0.2284	0.1820	0.1039	OFF	0.1074	OFF	0.1265	OFF
	08:00 PM	0.0421	OFF	OFF	0.1086	0.1346	0.1082	0.2045	0.2223	0.1827	0.1044	OFF	0.1099	OFF	0.1270	OFF
	AVG	0.0428	OFF	OFF	0.1115	0.1267	0.1081	0.2067	0.2129	0.1827	0.1063	OFF	0.1132	OFF	0.1296	OFF
6/25/2020	12:00 AM	0.0419	OFF	OFF	0.1065	0.1321	0.1059	0.2038	0.2173	0.1813	0.1024	OFF	0.1089	OFF	0.1245	OFF
	04:00 AM	0.0421	OFF	OFF	0.1070	0.1316	0.1059	0.2032	0.2131	0.1805	0.1017	OFF	0.1094	OFF	0.1237	OFF
	08:00 AM	0.0420	OFF	OFF	0.1033	0.1280	0.1025	0.2022	0.2073	0.1772	0.0993	OFF	0.1142	OFF	0.1207	OFF
	12:00 PM	0.0517	OFF	OFF	0.0994	0.1242	0.0978	0.1994	0.2025	0.1751	0.0966	OFF	0.1369	OFF	0.1179	OFF
	04:00 PM	0.0499	OFF	OFF	0.1036	0.1248	OFF	0.2007	0.2065	0.1788	0.1001	OFF	0.1434	OFF	0.1222	OFF
	08:00 PM	0.0474	OFF	OFF	0.0987	0.1242	0.1531	0.1966	0.1992	0.1735	0.0959	OFF	0.1309	OFF	0.1166	OFF
	AVG	0.0453	OFF	OFF	0.1031	0.1276	0.1123	0.2011	0.2079	0.1779	0.0994	OFF	0.1244	OFF	0.1209	OFF
6/26/2020	12:00 AM	0.0460	OFF	OFF	0.0963	0.1226	0.1333	0.1936	0.1963	0.1731	0.0940	OFF	0.1249	OFF	0.1148	OFF
	04:00 AM	0.0446	OFF	OFF	0.0936	0.1214	0.1190	0.1899	0.1913	0.1694	0.0911	OFF	0.1190	OFF	0.1111	OFF
	08:00 AM	0.0431	0.0426	0.0190	0.0893	0.1187	0.1082	0.1845	0.1857	0.1649	0.0872	OFF	0.1119	OFF	0.1073	OFF
	12:00 PM	0.0428	0.0410	OFF	0.0877	0.1173	0.1063	0.1822	0.1848	0.1638	0.0872	OFF	0.1105	OFF	0.1073	OFF
	04:00 PM	0.0433	0.0410	0.0205	0.0908	0.1172	0.1075	0.2433	0.1857	0.1963	0.0894	OFF	0.1188	OFF	0.1095	OFF
	08:00 PM	0.0424	0.0404	OFF	0.0881	0.1218	0.1015	0.2235	0.1818	0.1954	0.0871	OFF	0.1110	OFF	0.1065	OFF
	AVG	0.0438	0.0411	0.0203	0.0911	0.1198	0.1127	0.2003	0.1877	0.1762	0.0893	OFF	0.1161	OFF	0.1094	OFF
6/27/2020	12:00 AM	0.0430	0.0401	OFF	0.0894	0.1174	0.1032	0.2166	0.1834	0.1954	0.0893	OFF	0.1122	OFF	0.1088	OFF
	04:00 AM	0.0420	0.0385	OFF	0.0873	0.1163	0.0962	0.2071	0.1791	0.1845	0.0868	OFF	0.1092	OFF	0.1048	OFF
	08:00 AM	0.0343	0.0284	OFF	0.0681	0.1043	0.0645	0.1582	0.1536	0.1437	0.0675	OFF	0.0883	OFF	0.0855	OFF
	12:00 PM	0.0368	OFF	OFF	0.0685	0.1070	0.0724	0.1685	0.1594	0.1535	0.0693	OFF	0.1017	OFF	0.0889	OFF
	04:00 PM	0.0402	OFF	OFF	0.1336	0.1083	0.0862	0.1860	0.1725	0.1668	0.1147	OFF	0.0988	OFF	0.1437	OFF
	08:00 PM	0.0413	OFF	OFF	0.1188	0.1117	0.0906	0.1938	0.1764	0.1673	0.1125	OFF	0.1063	OFF	0.1382	OFF
	AVG	0.0398	0.0390	OFF	0.0991	0.1110	0.0866	0.1902	0.1720	0.1708	0.0934	OFF	0.1033	OFF	0.1104	OFF
6/28/2020	12:00 AM	0.0415	OFF	OFF	0.1174	0.1132	0.0924	0.1953	0.1780	0.1661	0.1109	OFF	0.1088	OFF	0.1355	OFF
	04:00 AM	0.0410	OFF	OFF	0.1137	0.1131	0.0908	0.1932	0.1773	0.1605	0.1068	OFF	0.1071	OFF	0.1301	OFF
	08:00 AM	0.0417	OFF	OFF	0.1127	0.1131	0.0907	0.1942	0.2021	0.1753	0.1037	OFF	0.1179	OFF	0.1265	OFF
	12:00 PM	0.0404	OFF	OFF	0.1083	0.1344	0.0891	0.1919	0.2139	0.1735	0.0994	OFF	OFF	OFF	0.1218	OFF
	04:00 PM	0.0397	OFF	OFF	0.1040	0.1270	0.0877	0.1880	0.2051	0.1721	0.0966	OFF	OFF	OFF	0.1186	OFF
	08:00 PM	0.0400	OFF	OFF	0.1037	0.1249	0.0875	0.1885	0.2020	0.1725	0.0966	OFF	0.1347	OFF	0.1181	OFF
	AVG	0.0407	OFF	OFF	0.1102	0.1212	0.0898	0.1920	0.1963	0.1690	0.1027	OFF	0.1141	OFF	0.1252	OFF

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
6/29/2020	12:00 AM	0.0400	OFF	OFF	0.1041	0.1245	0.0893	0.1887	0.2007	0.1740	0.0971	OFF	0.1308	OFF	0.1186	OFF
	04:00 AM	0.0403	OFF	OFF	0.1052	0.1257	0.0906	0.1897	0.1994	0.1748	0.0974	OFF	0.1270	OFF	0.1189	OFF
	08:00 AM	0.0396	0.0394	OFF	0.1469	0.1236	0.1229	0.2409	0.2362	0.2424	0.1599	OFF	0.1838	OFF	0.2033	OFF
	12:00 PM	OFF	0.0475	OFF	0.1934	0.1324	0.2405	0.2883	0.3342	0.2326	0.1726	OFF	0.1954	OFF	0.1948	OFF
	04:00 PM	OFF	OFF	OFF	0.1124	0.1227	0.1632	0.2792	0.2728	0.1863	0.1105	OFF	0.1441	OFF	0.1332	OFF
	08:00 PM	OFF	OFF	OFF	0.1026	0.1195	0.1254	0.2324	0.2315	0.1808	0.1033	OFF	0.1343	OFF	0.1244	OFF
	AVG	0.0401	0.0458	OFF	0.1300	0.1248	0.1262	0.2297	0.2324	0.2009	0.1255	OFF	0.1538	OFF	0.1503	OFF
6/30/2020	12:00 AM	OFF	OFF	OFF	0.0989	0.1187	0.1113	0.2068	0.2152	0.1747	0.0966	OFF	0.1244	OFF	0.1164	OFF
	04:00 AM	OFF	OFF	OFF	0.0948	0.1168	0.1017	0.1933	0.2043	0.1693	0.0913	OFF	0.1166	OFF	0.1113	OFF
	08:00 AM	OFF	0.0446	OFF	0.0960	0.1183	0.1038	0.1963	0.2070	OFF	0.0930	OFF	0.1287	OFF	0.1131	OFF
	12:00 PM	OFF	0.0526	OFF	0.1463	0.1184	0.1041	0.1957	0.2080	OFF	0.0938	OFF	0.1216	OFF	0.1144	OFF
	04:00 PM	OFF	0.0546	OFF	0.1268	0.1162	0.0980	0.1869	0.2019	OFF	0.0916	OFF	0.1143	OFF	0.1117	OFF
	08:00 PM	OFF	0.0490	OFF	0.1195	0.1154	0.0952	0.1824	0.1981	0.2192	0.0902	OFF	0.1129	OFF	0.1103	OFF
	AVG	OFF	0.0507	OFF	0.1133	0.1174	0.1025	0.1939	0.2060	0.1877	0.0928	OFF	0.1200	OFF	0.1129	OFF

JH Fewell (TF081) UV Compliance

System ID 250008-01

Month of June 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 (%)			
6/1/2020	17.1	17081498	1.0	24	85	7.1	25	85	16.3	22	75	23.7	28	87			
6/2/2020	15.8	15821180	24.0	24	85	OFFLINE			OFFLINE			24.0	28	87			
6/3/2020	15.8	15780211	24.0	26	85							24.0	27	87			
6/4/2020	14.4	14448213	24.0	25	85	11.8	25	85				24.0	28	87			
6/5/2020	17.7	17694079	16.5	23	85	24.0	25	85				24.0	28	87			
6/6/2020	15.9	15896589	OFFLINE			24.0	27	85				24.0	28	87			
6/7/2020	15.8	15782640				24.0	26	85				24.0	27	87			
6/8/2020	15.8	15760449				24.0	25	85				24.0	26	85			
6/9/2020	16.7	16700420	2.6	28	85	24.0	25	85				24.0	26	87			
6/10/2020	19.3	19347669	15.1	23	85	24.0	24	85				24.0	23	87			
6/11/2020	14.2	14169982	10.6	25	85	23.6	24	85				7.6	23	87			
6/12/2020	16.7	16663452	OFFLINE			24.0	25	85	24.0	24	87						
6/13/2020	15.8	15830361				24.0	25	85	24.0	24	87						
6/14/2020	17.8	17812936				21.7	23	85	6.5	29	75	24.0	26	87			
6/15/2020	17.1	17095739				5.9	24	85	21.0	29	75	24.0	25	87			
6/16/2020	18.5	18542797				14.6	23	85	16.0	30	75	24.0	27	87			
6/17/2020	17.5	17499394				24.0	24	85	3.5	30	75	24.0	27	87			
6/18/2020	17.7	17668062				24.0	24	85	3.0	29	75	24.0	26	87			
6/19/2020	17.6	17603151				24.0	23	85	4.0	29	75	24.0	26	87			
6/20/2020	16.1	16124226				24.0	24	85	24.0	24	85	OFFLINE			24.0	27	87
6/21/2020	16.6	16648321				13.8	25	85	11.8	23	85				24	27	87
6/22/2020	16.6	16639330	24	24	85	OFFLINE			3.0	23	75	24	25	87			
6/23/2020	17.1	17084726	24	28	85				4.5	25	75	24	25	87			
6/24/2020	18.3	18277968	24.0	27	85				16.0	28	75	15.3	29	87			
6/25/2020	16.4	16402368	24.0	28	85				24.0	26	75	OFFLINE					
6/26/2020	18.6	18604824	24.0	25	85				24.0	27	75	6.8	27	87			
6/27/2020	16.4	16410734	24.0	24	85				24.0	27	75	OFFLINE					
6/28/2020	17.4	17386096	24.0	23.9	85.0				24.0	27	75	4.0	23	87			
6/29/2020	15.4	15365033	24.0	26	85				21.0	23	75	OFFLINE					
6/30/2020	16.3	16331820	24.0	24.4	85.0				24.0	25	75						

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

System ID **250008-02**
Month of **June 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	2.6	7	2.7	13	2.6	19	2.6	25	2.6
2	2.6	8	2.2	14	2.9	20	2.9	26	2.6
3	1.2	9	2.2	15	2.7	21	2.3	27	2.3
4	2.8	10	2.5	16	2.6	22	2.5	28	1.6
5	2.2	11	2.1	17	2.5	23	1.7	29	2.4
6	1.2	12	2.4	18	2.6	24	2.1	30	2.4
								31	

6. Date and duration of each period the disinfectant fell below 0.2 mg/l for more than an hour while entering the distribution system. NONE

7. Total number of disinfectant residual measured in the distribution system where total coliform samples were collected. 135

8. Number of instances where disinfectant was not measured in the distribution system where total coliform samples were collected. NONE

9. Number of instances where disinfectant was measured in the distributed system but not detected. NONE

10. Date of last calibration for online monitoring equipment. 6/21/2020

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

System ID
 Month of

250008-02
 June 2020

Jun 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTERS	FINISHED
6/1	17.7437	0.8338	0.0822	0.1963
6/2	14.0687	0.7694	0.0747	0.1669
6/3	17.4625	0.8838	0.0750	0.1656
6/4	19.8938	0.8740	0.0770	0.1238
6/5	20.9250	0.9856	0.0754	0.2138
6/6	12.1750	0.8450	0.0811	0.1219
6/7	17.0375	1.1800	0.1267	0.1556
6/8	12.6563	0.6300	0.0908	0.1562
6/9	14.2250	0.5688	0.3980	0.2375
6/10	11.2688	0.5660	0.0791	0.1575
6/11	10.1500	0.7440	0.0902	0.1812
6/12	10.6250	0.6506	0.1084	0.1881
6/13	11.6438	0.6406	0.1174	0.1325
6/14	11.7437	0.7381	0.1317	0.1869
6/15	10.7188	0.7925	0.1174	0.1481
6/16	10.0750	0.7369	0.0968	0.2300
6/17	9.5625	0.5969	0.0860	0.1425
6/18	7.3800	0.4844	0.0822	0.1331
6/19	19.3562	0.5575	0.0849	0.1388
6/20	9.2750	0.5481	0.1130	0.1356
6/21	7.8125	0.8106	0.1206	0.2725
6/22	6.8000	0.6213	0.0837	0.2600
6/23	6.2500	0.7706	0.1205	0.2156
6/24	5.9563	0.7730	0.1070	0.1769
6/25	5.6375	0.7388	0.0846	0.1831
6/26	5.3375	0.7750	0.0686	0.1388
6/27	5.2375	0.5956	0.0758	0.1944
6/28	5.1062	0.8031	0.0715	0.1338
6/29	4.6813	0.4375	0.0822	0.1325
6/30	4.4375	0.5000	0.0747	0.1187
MIN	4.4375	0.4375	0.0686	0.1187
MAX	20.9250	1.1800	0.3980	0.2725
AVG	10.8414	0.7151	0.1026	0.1477

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

System ID
 Month of

250008-02
 June 2020

Jun 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
6/1	0.1531	0.1625	0.1550	0.1406	0.1963	0.1587
6/2	0.1531	0.1587	0.1625	0.1625	0.1569	0.1669
6/3	0.1656	0.1550	0.1475	0.1394	0.1356	0.1287
6/4	0.1238	0.1206	0.1225	0.1150	0.1169	0.1219
6/5	0.1181	0.1163	0.1137	0.1287	0.2138	0.1187
6/6	0.1181	0.1175	0.1219	0.1206	0.1194	0.1163
6/7	0.1194	0.1187	0.1206	0.1556	0.1406	0.1350
6/8	0.1388	0.1406	0.1562	0.1419	0.1306	0.1275
6/9	0.2362	0.2375	0.1937	0.1538	0.1812	0.1325
6/10	0.1225	0.1444	0.1575	OFF	OFF	OFF
6/11	0.1669	0.1700	0.1812	0.1488	0.1375	0.1206
6/12	0.1256	0.1881	0.1269	0.1238	0.1275	0.1238
6/13	0.1325	0.1306	0.1300	0.1256	0.1231	0.1213
6/14	0.1306	0.1369	0.1244	0.1244	0.1812	0.1869
6/15	0.1425	0.1437	0.1481	0.1375	0.1312	0.1356
6/16	0.2300	0.1900	0.1338	0.1294	0.1763	0.1331
6/17	0.1425	OFF	0.1262	0.1219	0.1250	0.1287
6/18	0.1331	OFF	0.1300	0.1300	0.1312	0.1287
6/19	0.1287	0.1300	0.1388	0.1319	0.1275	0.1306
6/20	0.1331	0.1294	0.1325	0.1331	0.1325	0.1356
6/21	0.1450	0.1575	0.1600	0.1600	0.2725	0.2075
6/22	0.2094	0.2275	0.2444	0.2262	0.2537	0.2600
6/23	0.2156	0.1956	0.1675	0.1600	0.1694	0.1706
6/24	0.1756	0.1769	0.1731	OFF	0.1694	0.1763
6/25	0.1831	0.1800	0.1675	0.1744	0.1600	0.1581
6/26	0.1388	OFF	0.1338	0.1225	0.1169	0.1156
6/27	0.1506	0.1944	0.1338	0.1238	0.1206	0.1225
6/28	0.1269	0.1256	0.1269	0.1287	0.1338	0.1269
6/29	0.1306	0.1281	0.1199	0.1325	0.1269	0.1219
6/30	0.1169	OFF	0.1169	0.1156	0.1175	0.1187
MIN	0.1169	0.1163	0.1137	0.1150	0.1169	0.1156
MAX	0.2362	0.2375	0.2444	0.2262	0.2725	0.2600
AVG	0.1502	0.1568	0.1456	0.1396	0.1526	0.1424

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

System ID
 Month of

250008-02
 June 2020

Jun 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
6/1	2.6	2.7	3.3	3.5	3.1	2.8
6/2	2.7	2.7	2.7	2.8	2.9	2.6
6/3	2.5	1.6	1.2	1.3	2.1	3.2
6/4	2.8	2.9	2.9	3.1	3.0	3.1
6/5	3.5	3.0	3.0	2.2	2.2	2.8
6/6	1.2	1.3	2.5	2.7	4.0	3.4
6/7	2.8	3.2	3.6	3.5	2.9	2.7
6/8	3.5	2.5	2.6	2.8	2.6	2.2
6/9	2.2	2.4	2.8	2.4	2.4	2.9
6/10	3.6	2.6	2.5	OFF	OFF	OFF
6/11	2.1	2.2	2.7	2.5	3.0	2.3
6/12	2.4	2.5	2.7	2.9	2.8	2.9
6/13	2.6	2.9	2.7	2.9	2.8	2.9
6/14	2.9	3.5	3.6	3.2	3.3	3.2
6/15	2.9	3.6	2.8	2.9	3.0	2.7
6/16	2.6	2.7	2.9	2.8	2.9	3.0
6/17	2.5	OFF	2.8	2.7	2.9	2.6
6/18	2.9	OFF	2.6	3.6	3.1	3.0
6/19	2.6	2.9	2.9	3.1	3.6	2.9
6/20	3.0	2.9	3.2	3.0	3.0	3.1
6/21	2.6	3.4	2.7	2.5	2.5	2.3
6/22	2.8	2.5	2.9	3.2	2.6	2.5
6/23	2.7	2.4	2.0	1.7	3.6	1.7
6/24	2.1	2.8	2.8	OFF	2.8	4.0
6/25	3.5	2.6	3.0	3.9	3.7	2.9
6/26	3.2	OFF	3.0	3.8	3.0	2.6
6/27	2.6	2.3	2.6	2.7	2.7	3.5
6/28	3.5	3.4	2.6	2.6	1.9	1.6
6/29	2.4	2.5	3.0	3.0	3.8	2.6
6/30	2.4	OFF	2.6	3.5	2.8	2.7
MIN	1.2	1.3	1.2	1.3	1.9	1.6
MAX	3.6	3.6	3.6	3.9	4.0	4.0
AVG	2.7	2.7	2.8	2.9	2.9	2.8

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
06/01/20	12:00 AM	0.0840	OFF	0.0961	0.1285	OFF	0.1372
	4:00 AM	0.0925	OFF	0.1028	0.1364	OFF	0.1490
	8:00 AM	0.0804	OFF	0.0971	0.1261	OFF	0.1380
	12:00 PM	0.0739	OFF	0.0968	0.1222	OFF	0.1332
	4:00 PM	0.0602	OFF	0.0890	0.1096	OFF	0.1164
	8:00 PM	0.0675	OFF	0.0889	0.1143	OFF	0.1237
	AVG	0.0764	OFF	0.0951	0.1228	OFF	0.1329
06/02/20	12:00 AM	0.0861	OFF	0.1013	0.1375	OFF	0.1461
	4:00 AM	0.0752	OFF	0.0956	0.1257	OFF	0.1331
	8:00 AM	0.0655	OFF	0.1025	0.1109	OFF	0.1075
	12:00 PM	0.0709	OFF	0.1225	0.1186	OFF	0.1411
	4:00 PM	0.0735	OFF	0.1060	0.1228	OFF	0.1378
	8:00 PM	0.0612	OFF	0.0876	0.1081	OFF	0.1104
	AVG	0.0721	OFF	0.1026	0.1206	OFF	0.1293
06/03/20	12:00 AM	0.0620	OFF	0.0755	0.0976	OFF	0.0915
	4:00 AM	0.0453	OFF	0.0657	0.0892	OFF	0.0845
	8:00 AM	0.0374	OFF	0.0555	0.0799	OFF	0.0718
	12:00 PM	0.0352	OFF	0.0524	0.0763	OFF	0.0689
	4:00 PM	0.0378	OFF	0.0500	0.0739	OFF	0.0648
	8:00 PM	0.0527	OFF	0.0495	0.0729	OFF	0.0646
	AVG	0.0451	OFF	0.0581	0.0816	OFF	0.0744
06/04/20	12:00 AM	0.0397	OFF	0.0485	0.0712	OFF	0.0598
	4:00 AM	0.0402	OFF	0.0480	0.0705	OFF	0.0605
	8:00 AM	0.0401	OFF	0.0473	0.0699	OFF	0.0607
	12:00 PM	0.0615	OFF	0.0472	0.0698	OFF	0.0615
	4:00 PM	0.1253	OFF	0.0479	0.0706	OFF	0.0618
	8:00 PM	0.0901	OFF	0.0468	0.0693	OFF	0.0613
	AVG	0.0661	OFF	0.0476	0.0702	OFF	0.0609
06/05/20	12:00 AM	0.0591	OFF	0.0460	0.0685	OFF	0.0545
	4:00 AM	0.0663	OFF	0.0459	0.0678	OFF	0.0574
	8:00 AM	0.0512	OFF	0.0452	0.0670	OFF	0.0591
	12:00 PM	0.0430	OFF	0.0460	0.0683	OFF	0.0599
	4:00 PM	0.2773	OFF	0.0487	0.0699	OFF	0.0692
	8:00 PM	0.2341	OFF	0.0532	0.0736	OFF	0.0721
	AVG	0.1218	OFF	0.0475	0.0692	OFF	0.0620
06/06/20	12:00 AM	0.0692	OFF	0.0534	0.0745	OFF	0.0655
	4:00 AM	0.0524	OFF	0.0526	0.0744	OFF	0.0658
	8:00 AM	0.2090	OFF	0.0509	0.0740	OFF	0.0662
	12:00 PM	0.1525	OFF	0.0511	0.0757	OFF	0.0695
	4:00 PM	0.0531	OFF	0.0508	0.0763	OFF	0.0685
	8:00 PM	0.0558	OFF	0.0488	0.0759	OFF	0.0682
	AVG	0.0987	OFF	0.0513	0.0751	OFF	0.0673
06/07/20	12:00 AM	OFF	OFF	0.0490	0.0769	OFF	0.0602
	4:00 AM	OFF	OFF	0.0506	0.0786	OFF	0.0653
	8:00 AM	OFF	OFF	0.0564	0.0817	OFF	0.0723
	12:00 PM	OFF	OFF	0.0715	0.1267	OFF	0.0923
	4:00 PM	0.1110	OFF	0.0639	0.0847	OFF	0.0870
	8:00 PM	0.0940	OFF	0.0643	0.0857	OFF	0.0830
	AVG	0.1658	OFF	0.0593	0.0891	OFF	0.0767
06/08/20	12:00 AM	0.0522	OFF	0.0626	0.0849	OFF	0.0788
	4:00 AM	0.0518	OFF	0.0644	0.0908	OFF	0.0821
	8:00 AM	0.0686	OFF	0.0642	0.0865	OFF	0.0815
	12:00 PM	0.0364	OFF	0.0616	0.0841	OFF	OFF
	4:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.0522	OFF	0.0632	0.0866	OFF	0.0808

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
06/09/20	12:00 AM	OFF	OFF	0.0721	0.3980	OFF	0.2626
	4:00 AM	OFF	OFF	0.0554	0.2173	OFF	0.1353
	8:00 AM	OFF	OFF	0.0530	0.0676	OFF	OFF
	12:00 PM	OFF	OFF	0.0563	0.0710	OFF	0.0616
	4:00 PM	0.0661	OFF	0.0669	0.0740	OFF	0.0690
	8:00 PM	0.0507	OFF	OFF	0.0749	OFF	0.0670
	AVG	0.0584	OFF	0.0598	0.1653	OFF	0.1091
06/10/20	12:00 AM	0.0452	OFF	0.0462	0.0770	OFF	0.0661
	4:00 AM	0.0432	OFF	0.0471	0.0791	OFF	0.0656
	8:00 AM	0.0440	OFF	0.0487	0.0780	OFF	0.0664
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	8:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	0.0441	OFF	0.0473	0.0780	OFF	0.0660
611/2020	12:00 AM	0.0397	OFF	0.0575	0.0815	OFF	0.0763
	4:00 AM	0.0449	OFF	0.0574	0.0787	OFF	0.0748
	8:00 AM	0.0619	OFF	0.0582	0.0807	OFF	0.0746
	12:00 PM	0.0507	OFF	0.0621	0.0824	OFF	0.0796
	4:00 PM	0.0483	OFF	0.0645	0.0858	OFF	0.0811
	8:00 PM	0.0478	OFF	0.0646	0.0902	OFF	0.0733
	AVG	0.0489	OFF	0.0607	0.0832	OFF	0.0766
06/12/20	12:00 AM	0.0463	OFF	0.0653	0.0863	OFF	0.0771
	4:00 AM	0.0410	OFF	0.0588	0.0775	OFF	0.0704
	8:00 AM	0.0442	OFF	0.0626	0.0854	OFF	0.0758
	12:00 PM	0.0467	OFF	0.0916	0.0980	OFF	0.1084
	4:00 PM	0.0618	OFF	0.0740	0.0864	OFF	OFF
	8:00 PM	0.0519	OFF	0.0682	0.0825	OFF	0.0804
	AVG	0.0486	OFF	0.0701	0.0860	OFF	0.0824
06/13/20	12:00 AM	0.0567	OFF	0.0668	0.0810	OFF	0.0807
	4:00 AM	0.0560	OFF	0.0649	0.0792	OFF	0.0790
	8:00 AM	0.0527	OFF	0.0599	0.0751	OFF	OFF
	12:00 PM	0.0579	OFF	0.0641	0.0769	OFF	OFF
	4:00 PM	0.1174	OFF	0.0659	0.0775	OFF	OFF
	8:00 PM	0.0652	OFF	0.0637	0.0772	OFF	0.0737
	AVG	0.0677	OFF	0.0642	0.0778	OFF	0.0778
06/14/20	12:00 AM	0.0618	OFF	0.0637	0.0772	OFF	0.0737
	4:00 AM	0.0519	OFF	0.0646	0.0864	OFF	0.0772
	8:00 AM	0.0567	OFF	0.0633	0.0982	OFF	0.0798
	12:00 PM	0.0560	OFF	0.0872	0.0913	OFF	0.1089
	4:00 PM	0.0527	OFF	0.0777	0.0872	OFF	0.0978
	8:00 PM	0.0579	OFF	0.0844	0.1317	OFF	0.1005
	AVG	0.0562	OFF	0.0735	0.0953	OFF	0.0896
06/15/20	12:00 AM	0.1174	OFF	0.0774	0.1099	OFF	0.0941
	4:00 AM	0.0652	OFF	0.0696	0.0941	OFF	0.0816
	8:00 AM	0.0557	OFF	0.0646	0.0933	OFF	0.0788
	12:00 PM	0.0638	OFF	0.0664	0.1034	OFF	0.0826
	4:00 PM	0.0597	OFF	0.0648	0.1021	OFF	0.0819
	8:00 PM	0.0686	OFF	0.0672	0.1131	OFF	0.0901
	AVG	0.0717	OFF	0.0683	0.1027	OFF	0.0849
06/16/20	12:00 AM	0.0442	OFF	0.0579	0.0927	OFF	0.0745
	4:00 AM	0.0450	OFF	0.0569	0.0891	OFF	0.0750
	8:00 AM	0.0444	OFF	0.0570	0.0896	OFF	0.0759
	12:00 PM	0.0429	OFF	0.0562	0.0876	OFF	0.0968
	4:00 PM	0.0444	OFF	0.0575	0.0895	OFF	0.0815
	8:00 PM	0.0448	OFF	0.0565	0.0892	OFF	0.0757
	AVG	0.0443	OFF	0.0570	0.0896	OFF	0.0799

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
06/17/20	12:00 AM	0.0398	OFF	0.0533	0.0833	OFF	0.0844
	4:00 AM	0.0440	OFF	0.0541	0.0860	OFF	0.0825
	8:00 AM	0.0393	OFF	0.0535	0.0838	OFF	0.0769
	12:00 PM	0.0353	OFF	0.0521	0.0803	OFF	0.0808
	4:00 PM	0.0376	OFF	0.0547	0.0811	OFF	0.0785
	8:00 PM	0.0393	OFF	0.0762	0.0807	OFF	0.0741
	AVG	0.0392	OFF	0.0573	0.0825	OFF	0.0795
06/18/20	12:00 AM	0.0383	OFF	0.0792	0.0811	OFF	0.0785
	4:00 AM	0.0446	OFF	0.0585	0.0822	OFF	OFF
	8:00 AM	0.0455	OFF	0.0570	0.0799	OFF	0.0735
	12:00 PM	0.0427	OFF	0.0558	0.0787	OFF	0.0746
	4:00 PM	0.0421	OFF	0.0731	0.0789	OFF	0.0730
	8:00 PM	0.0428	OFF	0.0577	0.0778	OFF	0.0678
	AVG	0.0427	OFF	0.0635	0.0798	OFF	0.0735
06/19/20	12:00 AM	0.0572	OFF	0.0574	0.0758	OFF	0.0689
	4:00 AM	0.0449	OFF	0.0595	0.0751	OFF	0.0689
	8:00 AM	0.0427	OFF	0.0603	0.0739	OFF	0.0720
	12:00 PM	0.0623	OFF	0.0631	0.0756	OFF	0.0849
	4:00 PM	0.0650	OFF	0.0755	0.0829	OFF	OFF
	8:00 PM	0.0632	OFF	0.0649	0.0782	OFF	0.0777
	AVG	0.0559	OFF	0.0634	0.0769	OFF	0.0749
06/20/20	12:00 AM	0.0603	OFF	0.0658	0.0791	OFF	0.0758
	4:00 AM	0.0563	OFF	0.0663	0.0797	OFF	0.0692
	8:00 AM	0.0930	OFF	0.0635	0.0782	OFF	0.0707
	12:00 PM	0.0700	OFF	0.0613	0.0762	OFF	0.0744
	4:00 PM	0.0780	OFF	0.0648	0.0773	OFF	0.0756
	8:00 PM	0.1130	OFF	0.0634	0.0785	OFF	0.0701
	AVG	0.0784	OFF	0.0642	0.0782	OFF	0.0726
06/21/20	12:00 AM	0.0930	OFF	0.0598	0.0766	OFF	0.0701
	4:00 AM	OFF	OFF	0.0630	0.0777	OFF	0.0714
	8:00 AM	0.0772	OFF	0.0666	0.0968	OFF	0.0762
	12:00 PM	OFF	OFF	0.0710	0.1206	OFF	0.0840
	4:00 PM	OFF	OFF	0.0584	0.0915	OFF	0.1026
	8:00 PM	OFF	OFF	0.0573	0.0848	OFF	0.0850
	AVG	0.0851	OFF	0.0627	0.0914	OFF	0.0815
06/22/20	12:00 AM	OFF	OFF	0.0539	0.0791	OFF	0.0756
	4:00 AM	OFF	OFF	0.0524	0.0774	OFF	0.0837
	8:00 AM	OFF	OFF	0.0576	0.0750	OFF	0.0646
	12:00 PM	OFF	OFF	0.0589	0.0822	OFF	0.0737
	4:00 PM	OFF	OFF	0.0532	0.0788	OFF	0.0716
	8:00 PM	OFF	OFF	0.0492	0.0752	OFF	0.0669
	AVG	OFF	OFF	0.0542	0.0779	OFF	0.0727
06/23/20	12:00 AM	OFF	OFF	0.0474	0.0728	OFF	0.0634
	4:00 AM	OFF	OFF	0.0457	0.0706	OFF	0.0622
	8:00 AM	OFF	OFF	0.0518	0.0777	OFF	0.0705
	12:00 PM	OFF	OFF	0.0883	0.0940	OFF	0.1100
	4:00 PM	OFF	OFF	0.0898	0.0971	OFF	0.1112
	8:00 PM	OFF	OFF	0.0968	0.1035	OFF	0.1205
	AVG	OFF	OFF	0.0700	0.0860	OFF	0.0896
06/24/20	12:00 AM	OFF	OFF	0.0856	0.0992	OFF	0.1070
	4:00 AM	OFF	OFF	0.0793	0.0964	OFF	0.1031
	8:00 AM	OFF	OFF	0.0826	0.1035	OFF	0.1067
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	OFF	OFF	0.0914	0.0960	OFF	0.1048
	8:00 PM	OFF	OFF	0.0755	0.0815	OFF	0.0792
	AVG	OFF	OFF	0.0829	0.0953	OFF	0.1001

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
06/25/20	12:00 AM	OFF	OFF	0.0752	0.0785	OFF	0.0749
	4:00 AM	OFF	OFF	0.0732	0.0759	OFF	0.0728
	8:00 AM	OFF	OFF	0.0696	0.0744	OFF	0.0696
	12:00 PM	OFF	OFF	0.0730	0.0846	OFF	0.0695
	4:00 PM	OFF	OFF	0.0630	OFF	OFF	0.0700
	8:00 PM	OFF	OFF	0.0443	0.0651	OFF	0.0672
	AVG	OFF	OFF	0.0664	0.0757	OFF	0.0707
06/26/20	12:00 AM	OFF	OFF	0.0427	0.0632	OFF	0.0656
	4:00 AM	OFF	OFF	0.0412	0.0618	OFF	0.0622
	8:00 AM	OFF	OFF	0.0401	0.0610	OFF	0.0608
	12:00 PM	OFF	OFF	0.0412	0.0625	OFF	0.0647
	4:00 PM	OFF	OFF	0.0426	0.0640	OFF	0.0535
	8:00 PM	OFF	OFF	0.0475	0.0686	OFF	0.0647
	AVG	OFF	OFF	0.0425	0.0635	OFF	0.0619
06/27/20	12:00 AM	OFF	OFF	0.0509	0.0721	OFF	0.0712
	4:00 AM	OFF	OFF	0.0517	0.0727	OFF	0.0724
	8:00 AM	OFF	OFF	0.0507	0.0719	OFF	0.0722
	12:00 PM	OFF	OFF	0.0519	0.0736	OFF	0.0752
	4:00 PM	OFF	OFF	0.0518	0.0735	OFF	0.0758
	8:00 PM	OFF	OFF	0.0508	0.0726	OFF	0.0729
	AVG	OFF	OFF	0.0513	0.0727	OFF	0.0733
06/28/20	12:00 AM	0.0494	OFF	0.0497	0.0715	OFF	0.0695
	4:00 AM	0.0568	OFF	0.0489	0.0708	OFF	0.0684
	8:00 AM	0.0575	OFF	0.0489	OFF	OFF	0.0679
	12:00 PM	0.0577	OFF	0.0487	0.0674	OFF	0.0677
	4:00 PM	0.0561	OFF	OFF	0.0693	OFF	0.0672
	8:00 PM	0.0696	OFF	0.0480	0.0713	OFF	0.0691
	AVG	0.0579	OFF	0.0489	0.0701	OFF	0.0683
06/29/20	12:00 AM	0.0651	OFF	0.0481	0.0715	OFF	0.0684
	4:00 AM	0.0650	OFF	0.0486	0.0716	OFF	0.0678
	8:00 AM	0.0635	OFF	0.0502	0.0731	OFF	0.0728
	12:00 PM	OFF	OFF	0.0512	0.0725	OFF	0.0822
	4:00 PM	0.0492	OFF	0.0513	0.0741	OFF	0.0657
	8:00 PM	0.0488	OFF	0.0515	0.0742	OFF	0.0670
	AVG	0.0583	OFF	0.0502	0.0728	OFF	0.0706
06/30/20	12:00 AM	0.0467	OFF	0.0502	0.0729	OFF	0.0663
	4:00 AM	0.0439	OFF	0.0497	0.0721	OFF	0.0653
	8:00 AM	0.0450	OFF	0.0499	0.0727	OFF	0.0684
	12:00 PM	0.0495	OFF	0.0512	0.0743	OFF	0.0711
	4:00 PM	0.0531	OFF	0.0517	0.0747	OFF	0.0722
	8:00 PM	0.0450	OFF	0.0510	0.0741	OFF	0.0712
	AVG	0.0472	OFF	0.0506	0.0734	OFF	0.0691

OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month of June 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 (%)
6/1/2020	24.0	2740968	34	2.7	85	OFFLINE					24.0	2566389	33	2.6	89
6/2/2020	24.0	2799982	34	2.8	85						22.2	2371879	224	2.4	89
6/3/2020	23.8	2638825	38	2.6	85						23.8	2462456	36	2.5	89
6/4/2020	24.0	1792183	52	1.8	85						24.0	2877826	32	2.9	89
6/5/2020	15.7	819373.0	50	0.8	85						23.8	3504923	32	3.5	89
6/6/2020	OFFLINE										24.0	4749913	21	4.7	89
6/7/2020	8.3	996389.0	15	1.0	85						23.8	4190647	32	4.2	89
6/8/2020	14.2	1624384	23	1.6	85						19.0	2184615	247	2.2	89
6/9/2020	9.1	1022026	16	1.0	85						22.2	2797144	179	2.8	89
6/10/2020	13.1	1399740	23	1.4	85						13.1	1291454	466	1.3	89
6/11/2020	24.0	2284674	43	2.3	85						24.0	2098864	42	2.1	89
6/12/2020	23.0	2490537	38	2.5	85						23.0	2297924	48	2.3	89
6/13/2020	24.0	2684552	37	2.7	85						24.0	2478141	36	2.5	89
6/14/2020	23.8	1657552	58	1.7	85						23.7	3894253	39	3.9	89
6/15/2020	21.9	2595420	33	2.6	85						24.0	2847249	33	2.8	89
6/16/2020	24.0	3056692	35	3.1	85						24.0	2834033	34	2.8	89
6/17/2020	24.0	2805378	38	2.8	85						24.0	2591374	36	2.6	89
6/18/2020	24.0	2394978	43	2.4	85						22.7	2021587	179	2.0	89
6/19/2020	23.6	1468630	60	1.5	85						23.6	3399117	27	3.4	89
6/20/2020	24.0	940034	84	0.9	85						24.0	4523423	21	4.5	89
6/21/2020	5.8	596017	25	0.6	85						23.6	4839649	24	4.8	89
6/22/2020	OFFLINE										22.4	4094032	205	4.1	89
6/23/2020											23.5	3788432	23	3.8	89
6/24/2020											19.3	4536359	64	4.5	89
6/25/2020											22.3	5756729	193	5.8	89
6/26/2020											24.0	4311214	29	4.3	89
6/27/2020											24.0	3340081	25	3.3	85
6/28/2020	24.0	3376639	25	3.4	85						22.2	2944487	219	2.9	89
6/29/2020	22.4	3094896	24	3.1	85						24.0	3220251	27	3.2	89
6/30/2020	24.0	3310652	25	3.3	85						24.0	3089611	28	3.1	89

OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month of June 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 (%)
6/1/2020	24.0	2783877	30	2.8	95	OFFLINE					24.0	2754451	45	2.8	85
6/2/2020	24.0	2847891	30	2.8	95						21.8	2556325	41	2.6	85
6/3/2020	23.8	2714793	32	2.7	95						23.8	2685242	48	2.7	85
6/4/2020	24.0	3144876	29	3.1	95						24.0	3110827	44	3.1	85
6/5/2020	23.8	3779018	27	3.8	95						23.8	3773925	40	3.8	85
6/6/2020	24.0	2914984	31	2.9	95						24.0	5083725	29	5.1	85
6/7/2020	22.0	1937502	39	1.9	95						23.8	4179654	37	4.2	85
6/8/2020	19.0	2392678	25	2.4	95						17.2	2146332	44	2.1	85
6/9/2020	23.3	3483302	28	3.5	95						23.5	3452394	41	3.5	85
6/10/2020	12.8	1397989	18	1.4	95						12.8	1375847	40	1.4	85
6/11/2020	24.0	2325517	36	2.3	95						24.0	2295904	57	2.3	85
6/12/2020	23.0	2533282	32	2.5	95						12.5	2515340	28	2.5	85
6/13/2020	24.0	2724206	32	2.7	95						OFFLINE				
6/14/2020	22.6	2520606	33	2.5	95						15.6	4051077	22	4.1	85
6/15/2020	24.0	3117270	29	3.1	95						24.0	2743061	49	2.7	85
6/16/2020	24.0	3109812	30	3.1	95						23.0	1588144	115	1.6	85
6/17/2020	24.0	2847651	32	2.8	95						24.0	2819816	48	2.8	85
6/18/2020	24.0	3356037	29	3.4	95						24.0	3333189	42	3.3	85
6/19/2020	23.6	3707930	26	3.7	95						23.7	3667063	37	3.7	85
6/20/2020	24.0	2911794	30	2.9	95						24.0	4836900	29	4.8	85
6/21/2020	22.1	3512915	28	3.5	95						23.6	4056706	35	4.1	85
6/22/2020	24.0	4839367	23	4.8	95						22.8	3516192	39	3.5	85
6/23/2020	23.5	4105980	23	4.1	95						23.5	4066004	32	4.1	85
6/24/2020	19.3	3131914	19	3.1	95						19.3	3979758	22	4.0	85
6/25/2020	22.3	4009653	25	4.0	95						24.0	4242570	31	4.2	85
6/26/2020	24.0	4661877	26	4.7	95						22.2	3357561	45	3.4	85
6/27/2020	24.0	3387908	26	3.4	95						24.0	3360280	37	3.4	85
6/28/2020	22.6	3265672	24	3.3	95						24.0	3431012	37	3.4	85
6/29/2020	24.0	3509458	26	3.5	95						22.4	3256207	35	3.3	85
6/30/2020	24.0	3363018	26	3.4	95						24.0	3337555	38	3.3	85

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

System ID **250008-02**
Month of **June 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. 98.7%

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	3.3	7	3.4	13	3.4	19	3.4	25	3.4
2	2.9	8	3.3	14	3.8	20	3.1	26	OFF
3	1.5	9	3.3	15	3.7	21	3.1	27	3.5
4	2.8	10	2.9	16	3.6	22	2.1	28	2.6
5	3.1	11	3.0	17	3.4	23	1.4	29	2.8
6	2.0	12	3.5	18	3.4	24	1.4	30	3.0
								31	

6. Date and duration of each period the disinfectant fell below 0.2 mg/l for more than an hour while entering the distribution system. NONE

7. Total number of disinfectant residual measured in the distribution system where total coliform samples were collected. 135

8. Number of instances where disinfectant was not measured in the distribution system where total coliform samples were collected. NONE

9. Number of instances where disinfectant was measured in the distributed system but not detected. NONE

10. Date of last calibration for online monitoring equipment. 6/21/2020

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

System ID
 Month of

250008-02
 June 2020

Jun 2020	TURBIDITIES (NTU)		
	RAW	TRAINS	FINISHED
6/1	17.7437	0.1291	0.1350
6/2	14.0687	0.1780	0.2256
6/3	17.4625	0.1670	0.1340
6/4	19.8938	0.1790	0.0541
6/5	20.9250	0.1087	0.0437
6/6	12.1750	0.0787	0.1969
6/7	17.0375	0.1500	0.0975
6/8	12.6563	0.1160	0.0459
6/9	14.2250	0.1360	0.1859
6/10	11.2688	0.1340	0.0934
6/11	10.1500	0.1193	0.0612
6/12	10.6250	0.1025	0.0584
6/13	11.6438	0.1241	0.0681
6/14	11.7437	0.1409	0.0722
6/15	10.7188	0.1001	0.0728
6/16	10.0750	0.0854	0.1328
6/17	9.5625	0.1429	0.0838
6/18	7.3800	0.1050	0.0669
6/19	19.3562	0.1110	0.0800
6/20	9.2750	0.1240	0.1728
6/21	7.8125	0.1320	0.1850
6/22	6.8000	0.1210	0.3716
6/23	6.2500	0.1360	0.2391
6/24	5.9563	0.1300	0.1628
6/25	5.6375	0.0940	0.0931
6/26	5.3375	OFF	OFF
6/27	5.2375	0.1000	0.0556
6/28	5.1062	0.0672	0.2181
6/29	4.6813	0.1040	0.1625
6/30	4.4375	0.1307	0.0400
MIN	4.4375	0.0672	0.0400
MAX	20.9250	0.1790	0.3716
AVG	10.8414	0.1223	0.1244

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

System ID
 Month of

250008-02
 June 2020

Jun 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
6/1	0.0506	0.0509	0.0628	OFF	OFF	0.1350
6/2	0.0538	0.2256	0.0550	0.0531	0.0519	0.0960
6/3	0.1131	0.0697	0.1340	0.0497	0.0888	0.1030
6/4	0.0541	0.0450	0.0437	0.0409	0.0391	0.0419
6/5	0.0425	0.0437	0.0437	0.0431	0.0422	0.0412
6/6	0.0409	0.0500	0.0637	0.0522	0.1969	0.0456
6/7	0.0444	0.0850	0.0500	0.0975	0.0488	0.0431
6/8	0.0431	0.0459	0.0450	0.0400	0.0375	0.0394
6/9	0.0641	0.0725	0.0950	0.1859	0.0459	0.0381
6/10	0.0378	0.0375	0.0441	0.0391	0.0934	0.0412
6/11	0.0584	0.0513	0.0612	0.0425	0.0534	0.0403
6/12	0.0409	0.0584	0.0400	0.0444	0.0400	0.0459
6/13	0.0675	0.0456	0.0681	0.0506	0.0434	0.0400
6/14	0.0447	0.0722	0.0497	0.0513	0.0559	0.0516
6/15	0.0525	0.0550	0.0591	0.0541	0.0500	0.0728
6/16	0.1328	OFF	0.0603	0.0519	0.0531	0.0528
6/17	0.0516	0.0838	0.0484	0.0491	0.0506	0.0522
6/18	0.0600	0.0669	0.0653	0.0659	0.0644	0.0637
6/19	0.0656	OFF	0.0697	0.0787	0.0800	0.0759
6/20	0.0753	0.0878	0.1678	0.0991	0.0809	0.1728
6/21	0.0775	0.0800	OFF	0.1784	0.1653	0.1850
6/22	0.2162	0.2425	0.2703	0.3306	0.3716	0.3631
6/23	0.1784	0.1097	0.1013	0.1934	0.2391	0.2144
6/24	0.1297	0.1094	0.1628	OFF	0.0838	0.0862
6/25	0.0931	OFF	0.0866	0.0913	0.0897	0.0828
6/26	OFF	OFF	OFF	OFF	OFF	OFF
6/27	OFF	OFF	OFF	0.0556	0.0525	0.0434
6/28	0.0434	0.0416	0.0406	0.2181	0.2181	0.0506
6/29	0.0478	0.0491	0.0816	0.0966	0.0491	0.1625
6/30	0.0400	0.0375	0.0341	0.0341	0.0341	0.0391
MIN	0.0378	0.0375	0.0341	0.0341	0.0341	0.0381
MAX	0.2162	0.2425	0.2703	0.3306	0.3716	0.3631
AVG	0.0721	0.0767	0.0779	0.0884	0.0900	0.0869

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

System ID
Month of

250008-02
June 2020

Jun 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
6/1	3.4	3.6	3.4	OFF	OFF	3.3
6/2	3.2	3.6	3.6	3.1	3.0	2.9
6/3	2.9	2.1	2.1	1.5	2.2	2.9
6/4	3.4	3.1	3.1	3.0	2.8	3.0
6/5	3.3	3.6	3.6	3.3	3.1	3.3
6/6	3.2	2.0	2.1	2.4	3.5	4.0
6/7	4.0	3.9	3.4	3.4	4.0	3.9
6/8	3.9	3.8	3.9	3.3	3.8	3.4
6/9	3.3	3.6	3.9	4.0	4.0	4.0
6/10	3.3	3.9	3.8	3.5	2.9	2.9
6/11	3.0	3.1	3.5	3.6	3.3	3.3
6/12	3.5	3.7	3.9	3.9	3.9	3.9
6/13	3.4	3.9	3.5	3.8	4.2	3.8
6/14	3.9	4.4	4.2	4.3	4.3	3.8
6/15	3.7	3.7	3.8	3.7	3.9	3.7
6/16	3.6	OFF	3.8	3.9	3.8	3.7
6/17	3.4	3.4	3.6	3.8	3.8	3.7
6/18	3.7	3.4	3.5	3.5	4.0	3.9
6/19	3.8	OFF	3.5	3.4	3.9	3.7
6/20	3.7	3.1	3.8	3.6	3.5	3.6
6/21	3.5	3.5	3.4	3.4	3.1	3.1
6/22	3.2	3.2	3.3	3.6	3.2	2.1
6/23	1.9	2.1	2.8	3.3	2.3	1.4
6/24	1.4	1.7	2.4	2.4	2.7	3.5
6/25	3.8	3.8	OFF	3.4	3.9	3.6
6/26	OFF	OFF	OFF	OFF	OFF	OFF
6/27	OFF	OFF	OFF	3.5	3.7	3.7
6/28	2.9	3.6	3.6	3.7	2.8	2.6
6/29	2.8	3.1	3.1	3.0	3.3	3.0
6/30	3.0	3.0	3.2	3.5	3.3	3.4
MIN	1.4	1.7	2.1	1.5	2.2	1.4
MAX	4.0	4.4	4.2	4.3	4.3	4.0
AVG	3.3	3.3	3.4	3.4	3.4	3.3

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
6/1/2020	12:00 AM	OFF	0.1120	0.0674	0.0630	OFF	OFF
	04:00 AM	OFF	0.1291	0.0266	0.0558	OFF	OFF
	08:00 AM	OFF	OFF	0.0737	0.0998	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.0843	OFF	0.0544	OFF	OFF
	AVG	OFF	0.1085	0.0559	0.0683	OFF	OFF
6/2/2020	12:00 AM	OFF	OFF	0.0358	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0414	0.0483	OFF	OFF
	08:00 AM	OFF	0.0740	0.0352	0.0499	OFF	OFF
	12:00 PM	OFF	0.0590	0.0315	0.0482	OFF	OFF
	04:00 PM	OFF	0.1780	0.0303	0.0492	OFF	OFF
	08:00 PM	OFF	0.0985	OFF	0.0486	OFF	OFF
	AVG	OFF	0.1024	0.0348	0.0488	OFF	OFF
6/3/2020	12:00 AM	OFF	0.1280	OFF	0.0526	OFF	OFF
	04:00 AM	OFF	0.1360	0.0328	OFF	OFF	OFF
	08:00 AM	OFF	0.0830	0.0308	OFF	OFF	OFF
	12:00 PM	OFF	0.1310	0.0363	OFF	OFF	OFF
	04:00 PM	OFF	0.1290	0.0358	OFF	OFF	OFF
	08:00 PM	OFF	0.1670	0.0375	0.0613	OFF	OFF
	AVG	OFF	0.1290	0.0346	0.0570	OFF	OFF
6/4/2020	12:00 AM	OFF	0.1790	0.0362	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.0608	OFF	OFF
	08:00 AM	OFF	0.0700	0.0334	0.0615	OFF	OFF
	12:00 PM	OFF	0.0690	0.0331	0.0613	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0616	OFF	OFF
	08:00 PM	OFF	OFF	0.0371	OFF	OFF	OFF
	AVG	OFF	0.1060	0.0350	0.0604	OFF	OFF
6/5/2020	12:00 AM	OFF	OFF	OFF	0.1087	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0459	0.0963	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0773	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0745	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0752	OFF	OFF
	AVG	OFF	OFF	0.0459	0.0864	OFF	OFF
6/6/2020	12:00 AM	OFF	OFF	OFF	0.0761	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.0756	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0759	OFF	OFF
	12:00 PM	OFF	OFF	0.0508	0.0760	OFF	OFF
	04:00 PM	OFF	OFF	0.0457	0.0760	OFF	OFF
	08:00 PM	OFF	OFF	0.0572	0.0787	OFF	OFF
	AVG	OFF	OFF	0.0512	0.0764	OFF	OFF
6/7/2020	12:00 AM	OFF	OFF	0.0528	0.0774	OFF	OFF
	04:00 AM	OFF	OFF	0.0596	0.0775	OFF	OFF
	08:00 AM	OFF	OFF	0.0502	0.0779	OFF	OFF
	12:00 PM	OFF	0.1220	0.0566	0.0773	OFF	OFF
	04:00 PM	OFF	0.1500	0.0479	0.0774	OFF	OFF
	08:00 PM	OFF	0.1270	0.0445	OFF	OFF	OFF
	AVG	OFF	0.1330	0.0519	0.0775	OFF	OFF
6/8/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0900	0.0436	OFF	OFF	OFF
	12:00 PM	OFF	0.0810	0.0394	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1160	OFF	0.0838	OFF	OFF
	AVG	OFF	0.0957	0.0415	0.0838	OFF	OFF

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
6/9/2020	12:00 AM	OFF	0.1360	0.0351	0.0887	OFF	OFF
	04:00 AM	OFF	0.1140	OFF	0.0871	OFF	OFF
	08:00 AM	OFF	OFF	0.0317	0.0862	OFF	OFF
	12:00 PM	OFF	OFF	0.0299	0.0867	OFF	OFF
	04:00 PM	OFF	0.1320	0.0327	0.0869	OFF	OFF
	08:00 PM	OFF	0.1240	0.0353	0.0874	OFF	OFF
	AVG	OFF	0.1265	0.0329	0.0872	OFF	OFF
6/10/2020	12:00 AM	OFF	OFF	0.0347	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0500	0.0321	0.0893	OFF	OFF
	12:00 PM	OFF	0.0560	0.0354	0.0898	OFF	OFF
	04:00 PM	OFF	0.1170	0.0378	0.0914	OFF	OFF
	08:00 PM	OFF	0.1340	OFF	0.0922	OFF	OFF
	AVG	OFF	0.0893	0.0350	0.0907	OFF	OFF
6/11/2020	12:00 AM	OFF	0.1193	0.0389	0.0959	OFF	OFF
	04:00 AM	OFF	0.0673	OFF	0.0948	OFF	OFF
	08:00 AM	OFF	0.0567	0.0465	0.0941	OFF	OFF
	12:00 PM	OFF	0.0441	0.0484	0.0935	OFF	OFF
	04:00 PM	OFF	0.0404	0.0487	0.0945	OFF	OFF
	08:00 PM	OFF	OFF	0.0374	0.0955	OFF	OFF
	AVG	OFF	0.0656	0.0440	0.0947	OFF	OFF
6/12/2020	12:00 AM	OFF	OFF	0.0492	OFF	OFF	OFF
	04:00 AM	OFF	0.0433	0.0520	OFF	OFF	OFF
	08:00 AM	OFF	0.0580	0.0459	0.0994	OFF	OFF
	12:00 PM	OFF	0.0574	0.0414	0.0998	OFF	OFF
	04:00 PM	OFF	0.0499	0.0414	0.1018	OFF	OFF
	08:00 PM	OFF	OFF	0.0439	0.1025	OFF	OFF
	AVG	OFF	0.0522	0.0456	0.1009	OFF	OFF
6/13/2020	12:00 AM	OFF	0.0403	0.0424	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0508	0.1116	OFF	OFF
	08:00 AM	OFF	OFF	0.0469	0.1148	OFF	OFF
	12:00 PM	OFF	OFF	0.0504	0.1126	OFF	OFF
	04:00 PM	OFF	OFF	0.0457	0.1241	OFF	OFF
	08:00 PM	OFF	OFF	0.0497	0.0440	OFF	OFF
	AVG	OFF	0.0403	0.0477	0.1014	OFF	OFF
6/14/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0494	0.1409	OFF	OFF
	08:00 AM	OFF	OFF	0.0502	0.1376	OFF	OFF
	12:00 PM	OFF	OFF	0.0517	0.0920	OFF	OFF
	04:00 PM	OFF	OFF	0.0498	0.1290	OFF	OFF
	08:00 PM	OFF	OFF	0.0405	0.1085	OFF	OFF
	AVG	OFF	OFF	0.0483	0.1216	OFF	OFF
6/15/2020	12:00 AM	OFF	OFF	0.0450	0.1001	OFF	OFF
	04:00 AM	OFF	OFF	0.0352	0.0454	OFF	OFF
	08:00 AM	OFF	OFF	0.0314	0.0389	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0717	OFF	OFF
	04:00 PM	OFF	OFF	0.0357	0.0352	OFF	OFF
	08:00 PM	OFF	OFF	0.0394	OFF	OFF	OFF
	AVG	OFF	OFF	0.0373	0.0583	OFF	OFF
6/16/2020	12:00 AM	OFF	OFF	0.0309	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0334	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.0854	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	0.0499	OFF	OFF	OFF

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
6/17/2020	12:00 AM	OFF	OFF	0.0421	0.0303	OFF	OFF
	04:00 AM	OFF	OFF	0.0553	0.0307	OFF	OFF
	08:00 AM	OFF	OFF	0.0616	0.0304	OFF	OFF
	12:00 PM	OFF	OFF	0.0425	0.1429	OFF	OFF
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	0.0504	0.0586	OFF	OFF
6/18/2020	12:00 AM	OFF	OFF	0.0289	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1050	OFF	OFF
	08:00 AM	OFF	OFF	0.0273	0.0810	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0430	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0810	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0740	OFF	OFF
	AVG	OFF	OFF	0.0273	0.0768	OFF	OFF
6/19/2020	12:00 AM	OFF	OFF	OFF	0.1110	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0950	OFF	OFF
	12:00 PM	OFF	OFF	0.0722	0.1040	OFF	OFF
	04:00 PM	OFF	OFF	0.0765	0.0540	OFF	OFF
	08:00 PM	OFF	OFF	0.0830	OFF	OFF	OFF
	AVG	OFF	OFF	0.0772	0.0910	OFF	OFF
6/20/2020	12:00 AM	OFF	OFF	0.1080	0.1240	OFF	OFF
	04:00 AM	OFF	OFF	0.0526	0.1210	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0440	OFF	OFF
	12:00 PM	OFF	OFF	0.0526	0.1040	OFF	OFF
	04:00 PM	OFF	OFF	0.0527	0.0590	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.1190	OFF	OFF
	AVG	OFF	OFF	0.0665	0.0952	OFF	OFF
6/21/2020	12:00 AM	OFF	OFF	OFF	0.1270	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.1320	OFF	OFF
	08:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.0610	0.0690	OFF	OFF
	04:00 PM	OFF	OFF	0.0850	0.0410	OFF	OFF
	08:00 PM	OFF	OFF	0.0570	0.0400	OFF	OFF
	AVG	OFF	OFF	0.0677	0.0818	OFF	OFF
6/22/2020	12:00 AM	OFF	OFF	0.0550	0.0680	OFF	OFF
	04:00 AM	OFF	OFF	0.0430	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0680	0.0770	OFF	OFF
	12:00 PM	OFF	OFF	0.0790	0.0410	OFF	0.0620
	04:00 PM	OFF	OFF	0.0510	0.0630	OFF	0.0480
	08:00 PM	OFF	0.1210	0.0720	0.0890	OFF	0.0670
	AVG	OFF	0.1210	0.0613	0.0676	OFF	0.0590
6/23/2020	12:00 AM	OFF	0.1360	0.0990	0.1020	OFF	OFF
	04:00 AM	OFF	OFF	0.1040	0.1160	OFF	OFF
	08:00 AM	OFF	OFF	0.0780	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.0510	OFF	OFF	0.0480
	04:00 PM	OFF	OFF	0.0740	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.1040	OFF	OFF	0.0170
	AVG	OFF	OFF	0.0850	OFF	OFF	0.0325
6/24/2020	12:00 AM	OFF	OFF	0.0500	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0560	OFF	OFF	0.0278
	08:00 AM	OFF	OFF	0.0520	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.0750	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.1300	OFF	OFF	OFF
	08:00 PM	OFF	0.0344	0.0780	OFF	OFF	OFF
	AVG	OFF	0.0344	0.0735	OFF	OFF	OFF

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
6/25/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0460	OFF	OFF	OFF
	12:00 PM	OFF	0.0812	0.0550	OFF	OFF	OFF
	04:00 PM	OFF	0.0817	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.0635	0.0940	OFF	OFF	OFF
	AVG	OFF	0.0755	0.0650	OFF	OFF	OFF
6/26/2020	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	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	OFF	OFF	OFF	OFF
6/27/2020	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	0.0660	0.1000	OFF	OFF	OFF
	04:00 PM	OFF	0.0798	0.0590	OFF	OFF	OFF
	08:00 PM	OFF	0.0458	OFF	OFF	OFF	OFF
	AVG	OFF	0.0639	0.0795	OFF	OFF	OFF
6/28/2020	12:00 AM	OFF	0.0557	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	0.0672	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.0529	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.0553	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.0576	OFF	OFF	OFF	OFF
	AVG	OFF	0.0577	OFF	OFF	OFF	OFF
6/29/2020	12:00 AM	OFF	0.0627	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.1040	OFF	OFF	OFF
	08:00 AM	OFF	0.0685	0.0900	OFF	OFF	OFF
	12:00 PM	OFF	0.0704	0.0510	OFF	OFF	OFF
	04:00 PM	OFF	0.0544	0.0580	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0710	OFF	OFF	OFF
	AVG	OFF	0.0640	0.0748	OFF	OFF	OFF
6/30/2020	12:00 AM	OFF	OFF	0.0990	OFF	OFF	OFF
	04:00 AM	OFF	0.1307	0.0860	OFF	OFF	OFF
	08:00 AM	OFF	0.0951	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1242	OFF	OFF	OFF	OFF
	04:00 PM	OFF	0.0973	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1193	0.1040	OFF	OFF	OFF
	AVG	OFF	0.1274	0.0963	OFF	OFF	OFF

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

Date Time	Train 1 LRV	Date Time	Train 2 LRV	Date Time	Train 3 LRV	Date Time	Train 4 LRV
	OFF	6/1/20 7:10 AM	4.0	6/1/20 1:00 AM	5.0	6/1/20 2:35 AM	4.5
		6/2/20 11:10 PM	4.2	6/2/20 1:05 AM	5.0	6/2/20 3:05 AM	4.5
		6/3/20 10:45 PM	4.2	6/3/20 12:40 AM	5.0	6/3/20 2:45 AM	4.5
		6/6/20 1:40 PM	4.7	6/4/20 1:10 AM	5.0	6/4/20 3:05 AM	4.6
		6/7/20 7:25 AM	4.7	6/5/20 12:40 AM	5.0	6/5/20 2:40 AM	4.6
		6/8/20 12:20 AM	4.2	6/6/20 12:45 AM	5.0	6/6/20 2:40 AM	4.5
		6/9/20 11:40 PM	4.0	6/7/20 12:40 AM	5.0	6/7/20 2:30 AM	4.5
		6/10/20 10:30 PM	4.0	6/8/20 12:40 AM	5.0	6/8/20 2:35 AM	4.6
		6/11/20 10:35 PM	4.3	6/9/20 12:35 AM	5.0	6/9/20 2:40 AM	4.6
		6/12/20 10:30 PM	4.0	6/10/20 12:40 AM	5.0	6/10/20 2:30 AM	4.5
		6/22/20 5:40 PM	4.0	6/11/20 3:30 AM	5.0	6/11/20 2:35 AM	4.3
		6/23/20 3:00 AM	4.0	6/12/20 12:30 AM	4.9	6/12/20 2:45 AM	4.3
		6/25/20 10:15 AM	4.1	6/13/20 12:35 AM	5.1	6/13/20 3:05 AM	4.2
		6/26/20 2:45 AM	4.0	6/14/20 1:00 AM	4.8	6/14/20 3:05 AM	4.1
		6/27/20 2:25 AM	4.0	6/15/20 12:40 AM	4.8	6/15/20 2:35 AM	4.1
		6/28/20 1:05 AM	4.1	6/16/20 5:40 PM	4.3	6/16/20 7:25 PM	4.1
		6/29/20 12:00 AM	4.1	6/19/20 1:40 AM	4.3	6/17/20 12:10 PM	4.1
		6/30/20 2:15 AM	4.2	6/20/20 12:30 AM	4.5	6/20/20 2:30 AM	4.3
				6/21/20 12:30 AM	4.6	6/21/20 2:35 AM	4.2
				6/22/20 1:10 AM	4.3	6/22/20 4:15 AM	4.0
				6/23/20 12:45 AM	4.3	6/23/20 4:45 AM	4.0
				6/24/20 6:40 AM	4.4		
				6/25/20 12:40 AM	4.4		
				6/26/20 10:20 PM	4.0		
				6/27/20 10:00 PM	4.0		
				6/28/20 1:20 AM	4.6		
				6/29/20 1:40 AM	4.1		
Date Time	Train 5 LRV	Date Time	Train 6 LRV				
	OFF	6/22/20 12:15 PM	4.3				
		6/23/20 7:55 AM	4.1				
		6/24/20 6:55 AM	4.1				
		6/30/20 2:30 AM	4.2				

**CITY OF JACKSON
DISTRIBUTION SYSTEM DISINFECTANT DATA**

System ID **250008**
Month Of **June 2020**

May/June 2020	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
6/1	54				
6/2	43				
6/3	30				
6/4	7				
6/5					
6/6					
6/7					
6/8					
6/9	1				
6/10					
6/11					
6/12					
6/13					
6/14					
6/15					
6/16					
6/17					
6/18					
6/19					
6/20					
6/21					
6/22					
6/23					
6/24					
6/25					
6/26					
6/27					
6/28					
6/29					
6/30					
Total	135	0	0	0	0

This does include 15 wells system routines that were collected on 6/2 and 6/4.

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

$$V = 0$$

**CITY OF JACKSON
CHLORINE DIOXIDE COMPLIANCE**

Jun-20	SYSTEM ID: 250008-02		SYSTEM ID: 250008-01	
	O.B. CURTIS (TF082)		J. H. FEWELL (TF081)	
	ClO ₂	ClO ⁻	ClO ₂	ClO ⁻
6/1	OFF	OFF	OFF	OFF
6/2	OFF	OFF	OFF	OFF
6/3	OFF	OFF	OFF	OFF
6/4	OFF	OFF	OFF	OFF
6/5	OFF	OFF	OFF	OFF
6/6	OFF	OFF	OFF	OFF
6/7	OFF	OFF	OFF	OFF
6/8	OFF	OFF	OFF	OFF
6/9	OFF	OFF	OFF	OFF
6/10	OFF	OFF	OFF	OFF
6/11	OFF	OFF	OFF	OFF
6/12	OFF	OFF	OFF	OFF
6/13	OFF	OFF	OFF	OFF
6/14	OFF	OFF	OFF	OFF
6/15	OFF	OFF	OFF	OFF
6/16	OFF	OFF	OFF	OFF
6/17	OFF	OFF	OFF	OFF
6/18	OFF	OFF	OFF	OFF
6/19	OFF	OFF	OFF	OFF
6/20	OFF	OFF	OFF	OFF
6/21	OFF	OFF	OFF	OFF
6/22	OFF	OFF	OFF	OFF
6/23	OFF	OFF	OFF	OFF
6/24	OFF	OFF	OFF	OFF
6/25	OFF	OFF	OFF	OFF
6/26	OFF	OFF	0.19	0.00
6/27	OFF	OFF	0.18	0.00
6/28	OFF	OFF	0.07	0.00
6/29	OFF	OFF	OFF	OFF
6/30	OFF	OFF	0.52	0.00

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
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
RUNNING ANNUAL AVERAGE	OBC HS1						1.35
	OBC HS2						1.38
	JHF HS1						1.40
TOTAL COMBINED RUNNING ANNUAL AVERAGE							1.39

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 (%)	
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
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
	OBC HS1						
	OBC HS2						
	JHF HS1						
RUNNING ANNUAL AVERAGE	OBC HS1						1.36
	OBC HS2						1.39
	JHF HS1						1.44
TOTAL COMBINED RUNNING ANNUAL AVERAGE							1.40

**CITY OF JACKSON
CORROSION CONTROL DATA**

June 2020 DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
6/1	0700 - 1500	9.6	22	32	9.7	19	73
	1500 - 2300	9.5	37	15	9.4	23	60
	2300 - 0700	9.3	30	35	9.6	25	60
6/2	0700 - 1500	9.5	29	21	9.2	20	55
	1500 - 2300	9.3	26	38	9.2	19	51
	2300 - 0700	9.1	34	40	9.4	20	59
6/3	0700 - 1500	9.2	30	15	9.7	32	78
	1500 - 2300	9.3	30	37	9.3	22	58
	2300 - 0700	9.3	31	40	9.4	24	60
6/4	0700 - 1500	9.4	31	29	9.3	26	66
	1500 - 2300	9.2	27	24	9.5	21	42
	2300 - 0700	9.2	29	38	9.7	21	55
6/5	0700 - 1500	9.3	34	24	9.5	22	64
	1500 - 2300	9.4	38	18	9.6	22	57
	2300 - 0700	9.4	40	24	9.6	24	59
6/6	0700 - 1500	9.5	35	19	9.5	23	49
	1500 - 2300	9.4	31	40	9.3	18	57
	2300 - 0700	9.4	33	38	9.5	21	55
6/7	0700 - 1500	9.5	19	29	9.7	20	53
	1500 - 2300	9.6	22	40	9.5	22	61
	2300 - 0700	9.6	24	37	9.6	17	37
6/8	0700 - 1500	9.4	32	18	9.7	17	50
	1500 - 2300	9.6	39	20	9.1	18	54
	2300 - 0700	9.7	41	26	9.7	25	61
6/9	0700 - 1500	9.6	36	22	9.5	21	54
	1500 - 2300	9.4	24	39	9.3	20	55
	2300 - 0700	9.3	20	28	9.6	18	55
6/10	0700 - 1500	9.3	32	12	9.7	20	55
	1500 - 2300	9.4	22	38	9.6	20	45
	2300 - 0700	9.5	15	33	9.7	19	52
6/11	0700 - 1500	9.3	32	30	9.7	22	68
	1500 - 2300	9.5	25	39	9.0	15	51
	2300 - 0700	9.3	23	43	9.3	15	51

June 2020 DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
6/12	0700 - 1500	9.4	34	23	9.5	14	54
	1500 - 2300	9.4	37	26	9.7	19	54
	2300 - 0700	9.4	38	31	9.6	16	54
6/13	0700 - 1500	9.3	31	30	9.6	21	44
	1500 - 2300	9.5	41	26	9.6	20	45
	2300 - 0700	9.5	41	23	9.7	18	57
6/14	0700 - 1500	9.5	31	40	9.5	21	58
	1500 - 2300	9.4	40	27	9.5	19	49
	2300 - 0700	9.4	34	45	9.0	20	46
6/15	0700 - 1500	9.4	30	41	9.6	23	60
	1500 - 2300	9.5	31	40	9.2	16	56
	2300 - 0700	9.3	41	37	9.6	19	55
6/16	0700 - 1500	9.5	37	41	9.7	19	61
	1500 - 2300	9.5	39	42	9.6	20	44
	2300 - 0700	9.4	34	43	9.7	23	61
6/17	0700 - 1500	9.4	39	16	9.7	18	59
	1500 - 2300	9.5	33	47	9.4	22	49
	2300 - 0700	9.6	30	49	9.2	21	63
6/18	0700 - 1500	9.7	49	18	9.2	21	59
	1500 - 2300	9.7	43	20	9.2	21	55
	2300 - 0700	9.8	49	19	9.2	21	62
6/19	0700 - 1500	9.8	46	15	9.5	24	75
	1500 - 2300	10.1	62	19	9.6	25	61
	2300 - 0700	9.5	45	21	9.4	23	67
6/20	0700 - 1500	10.0	51	13	9.3	27	55
	1500 - 2300	10.1	50	17	9.0	25	49
	2300 - 0700	9.7	46	17	9.5	25	64
6/21	0700 - 1500	9.4	48	38	9.5	25	65
	1500 - 2300	9.3	45	17	9.4	34	58
	2300 - 0700	9.4	46	26	9.3	30	50
6/22	0700 - 1500	9.5	53	35	9.2	25	60
	1500 - 2300	9.3	49	40	9.5	30	74
	2300 - 0700	9.4	48	37	9.5	27	69
6/23	0700 - 1500	9.4	49	28	9.7	29	74
	1500 - 2300	9.6	41	39	9.4	23	50
	2300 - 0700	9.7	51	27	9.5	26	68

June 2020 DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
6/24	0700 - 1500	9.6	44	16	9.7	25	69
	1500 - 2300	9.5	50	28	9.2	22	57
	2300 - 0700	9.6	52	25	9.5	23	59
6/25	0700 - 1500	9.4	48	15	9.6	22	67
	1500 - 2300	9.6	46	22	9.7	24	48
	2300 - 0700	9.7	51	25	9.4	21	61
6/26	0700 - 1500	9.6	52	17	9.4	21	62
	1500 - 2300	9.5	49	20	9.4	23	61
	2300 - 0700	9.5	50	19	9.5	23	62
6/27	0700 - 1500	9.8	51	18	9.5	22	48
	1500 - 2300	9.7	53	19	9.2	25	47
	2300 - 0700	9.6	50	24	9.5	22	58
6/28	0700 - 1500	9.8	56	28	9.5	22	64
	1500 - 2300	9.4	49	24	9.1	21	43
	2300 - 0700	9.5	51	21	9.1	21	50
6/29	0700 - 1500	9.7	52	23	9.4	21	59
	1500 - 2300	9.6	50	26	9.3	21	56
	2300 - 0700	9.7	51	22	9.3	22	58
6/30	0700 - 1500	9.5	49	27	9.2	19	60
	1500 - 2300	9.4	49	25	9.6	22	50
	2300 - 0700	9.5	51	27	9.4	23	57
MONTHLY MIN		9.1	15	12	9.0	14	37
MONTHLY MAX		10.1	62	49	9.7	34	78
MONTHLY AVG		9.5	39	28	9.5	22	57

Comments

JH Fewell (TF081)

Hwy 18 tank washed and inspected. - 6/1/20

Chastain tank washed and inspected. - 6/3/20

Both Hwy 18 and Chastain tanks samples cleared from MSDH to be placed back in service. - 6/5

Cleaned stream and current detector-6/11/2020

Filter #28 is out of service. Needs new wash drain valve.-6/17/2020

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

Online Monitoring Last Date of Calibration for JH Fewell

CL17s-6/19/2020

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

OB Curtis Conventional (TF082)

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

Raw water - 6/4, 6/24-Signal loss no data received, replaced with grab data. 6/18, 6/26-Grab data was lower.

Settled Water - 6/7, 6/11 - Grab data was lower. 6/8, 6/10-No data received due to signal loss, replaced with grab data.

Chlorine data - 6/6-4PM-No data received due to signal loss, replaced with grab data.-6/15-4AM; 6/26-12PM-Replaced with grab data.

Filter #1 - 6/20-4PM-8PM-Grab data was lower.

Filter #4 - 6/9-12AM-Filter spiked after being off and brought back online.

OB Curtis Membrane (TF083)

Finished Water Turbidities - 6/1-8PM; 6/3-8AM-Grab data was lower. 6/2-8PM; 6/3-8PM-No data received due to signal loss, replaced with grab data. 6/22-12PM-8PM-Higher turbidities caused by manganese that entered the process after the potassium permanganate pump broke.

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

Chlorine data - 6/7-4AM; 6/10-12AM; 6/13-12AM, 8AM-8PM; 6/14-12AM; 8AM-6/15-12PM; 6/18-4AM-12PM; 6/19-8AM-12PM; 6/20-4AM; 6/25-12PM-Replaced with grab data.

Train #2 - 6/2-8AM-4PM; 6/3; 6/4-12AM & 8AM; 6/7-12PM-6/10; 6/22-8PM-Replaced with grab data.

Train #3 - 6/20-12AM-Grab data was lower; 6/21-6/30-Replaced with grab data, online data reading .0526.

Train #4 - 6/13-8PM; 6/14-12PM-4PM-Grab data was lower. 6/17-12PM-6/27-Replaced with grab data, online data reading .2374.

Train #6 - 6/22-12PM-8PM; 6/23-12PM-Replaced with grab data.

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

CL17s - 6/21/2020

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.
6. Replaced sample pump on Filter #27 on June 11, 2020.
7. Replaced sample pump on Filter #18 on June 15, 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

07/10/2020

Date