

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

**System ID**                    **250008-01**  
**Month of**                    **December 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	3.4	7	3.5	13	3.5	19	3.6	25	3.2
2	3.5	8	3.4	14	3.5	20	3.1	26	3.2
3	3.2	9	3.5	15	3.4	21	3.0	27	3.0
4	3.5	10	3.3	16	3.0	22	2.5	28	3.8
5	3.2	11	3.6	17	3.6	23	3.1	29	3.9
6	3.4	12	3.7	18	3.6	24	1.3	30	3.2
								31	3.4

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. 12/30/2020

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

**System ID**  
**Month Of**

**250008-01**  
**December 2020**

Dec. 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTER	HS #1
12/1	6.3256	0.6081	0.2690	0.1544
12/2	6.9462	0.5531	0.2520	0.1187
12/3	6.8931	0.5319	0.2541	0.1156
12/4	6.5944	0.5394	0.2691	0.1175
12/5	8.9944	0.4994	0.2862	0.1013
12/6	9.5031	0.7931	0.2614	0.0894
12/7	7.6838	0.7306	0.2265	0.0894
12/8	7.7331	0.5700	0.2258	0.0969
12/9	8.8556	0.6844	0.2224	0.0894
12/10	7.4338	0.4925	0.2622	0.0913
12/11	7.9556	0.6781	0.2956	0.1031
12/12	15.3244	0.5600	0.2253	0.0950
12/13	16.2856	0.6250	0.2533	0.1350
12/14	47.3644	0.9362	0.3033	0.1513
12/15	13.9325	0.4513	0.2651	0.1613
12/16	11.1069	0.5944	0.2525	0.1206
12/17	12.6000	0.6812	0.2592	0.1281
12/18	11.5788	0.6412	0.2737	0.1475
12/19	8.1719	0.5212	0.2989	0.1019
12/20	8.0875	0.9400	0.2416	0.1194
12/21	9.8906	0.7881	0.2421	0.1338
12/22	7.7562	0.4950	0.2202	0.1450
12/23	7.2494	0.4856	0.2787	0.1112
12/24	65.3481	0.7363	0.2786	0.2013
12/25	27.5469	0.6056	0.1843	0.1644
12/26	21.1987	0.6494	0.1905	0.1669
12/27	13.7244	0.6962	0.2786	0.1963
12/28	17.5619	1.4131	0.2593	0.1156
12/29	15.7700	0.8400	0.2721	0.1444
12/30	19.7600	0.6806	0.2623	0.1519
12/31	24.8469	0.8975	0.3007	0.1719
<b>MIN</b>	<b>6.3256</b>	<b>0.4513</b>	<b>0.1843</b>	<b>0.0894</b>
<b>MAX</b>	<b>65.3481</b>	<b>1.4131</b>	<b>0.3033</b>	<b>0.2013</b>
<b>AVG</b>	<b>14.8395</b>	<b>0.6748</b>	<b>0.2569</b>	<b>0.1300</b>

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

**System ID  
Month Of**

**250008-01  
December 2020**

Dec. 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
12/1	0.1044	0.1150	0.1019	0.1544	0.1137	0.1088
12/2	0.1050	0.1181	0.1119	0.1106	0.1187	0.1069
12/3	0.0988	0.1019	0.1156	0.1137	0.1081	0.1069
12/4	0.0981	0.0981	0.1169	0.1175	0.1037	0.1088
12/5	0.0994	0.0975	0.0900	0.0862	0.1013	0.1013
12/6	0.0819	0.0800	0.0831	0.0894	0.0869	0.0831
12/7	0.0838	0.0850	0.0888	0.0850	0.0869	0.0894
12/8	0.0856	0.0850	0.0969	0.0881	0.0913	0.0931
12/9	0.0894	0.0844	0.0831	0.0888	0.0862	0.0819
12/10	0.0850	0.0794	0.0862	0.0850	0.0850	0.0913
12/11	0.0769	0.0750	0.0819	0.0956	0.1031	0.0981
12/12	0.0888	0.0950	0.0869	0.0850	0.0781	0.0794
12/13	0.0900	0.0881	0.0950	0.1013	0.1100	0.1350
12/14	0.1200	0.1069	0.1294	0.1513	0.1500	0.1369
12/15	0.1613	0.1412	0.1187	0.1200	0.1256	0.1050
12/16	0.1037	0.0981	0.1100	0.1094	0.1206	0.1037
12/17	0.0975	0.0944	0.1281	0.1031	0.1125	0.1169
12/18	0.1088	0.1069	0.1475	0.1150	0.1169	0.0969
12/19	0.0919	0.0919	0.0962	0.0981	0.1019	0.0981
12/20	0.1013	0.1044	0.1000	0.0969	0.1175	0.1194
12/21	0.1094	0.1088	0.1338	0.1081	0.1081	0.0969
12/22	0.0913	0.0962	0.1450	0.0938	0.0988	0.0969
12/23	0.0994	0.0981	0.0888	0.0962	0.1019	0.1112
12/24	0.2013	0.1656	0.1181	0.1556	0.1469	0.1119
12/25	0.1119	0.1150	0.1644	0.1081	0.1031	0.1119
12/26	0.1150	0.1150	0.1669	0.1175	0.1112	0.1037
12/27	0.1106	0.1106	0.1262	0.1963	0.1325	0.1044
12/28	0.0900	0.1025	0.1119	0.1156	0.1150	0.1144
12/29	0.1163	0.1369	0.1444	0.1444	0.1344	0.1150
12/30	0.1238	0.1338	0.1519	0.1456	0.1406	0.1406
12/31	0.1462	0.1706	0.1719	0.1688	0.1556	0.1362
<b>MIN</b>	<b>0.0769</b>	<b>0.0750</b>	<b>0.0819</b>	<b>0.0850</b>	<b>0.0781</b>	<b>0.0794</b>
<b>MAX</b>	<b>0.2013</b>	<b>0.1706</b>	<b>0.1719</b>	<b>0.1963</b>	<b>0.1556</b>	<b>0.1406</b>
<b>AVG</b>	<b>0.1060</b>	<b>0.1064</b>	<b>0.1159</b>	<b>0.1143</b>	<b>0.1118</b>	<b>0.1066</b>

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

**System ID**  
**Month Of**

**250008-01**  
**December 2020**

Dec. 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
12/1	3.4	3.7	4.0	3.7	3.6	3.8
12/2	3.8	3.8	3.8	3.5	3.5	3.6
12/3	3.5	3.6	3.2	3.2	3.4	3.6
12/4	3.5	3.6	3.6	3.5	3.5	3.5
12/5	3.4	3.5	3.4	3.4	3.2	3.4
12/6	3.6	3.7	3.6	3.4	3.6	3.6
12/7	3.7	3.7	3.7	3.7	3.5	3.6
12/8	3.7	3.6	3.7	3.4	3.4	3.7
12/9	3.7	3.7	3.5	3.5	3.5	3.6
12/10	3.6	3.6	3.5	3.3	3.8	3.8
12/11	3.9	3.9	3.9	3.7	3.6	3.7
12/12	3.7	3.7	3.7	3.7	3.7	3.7
12/13	3.7	3.8	3.7	3.8	3.6	3.5
12/14	3.7	3.7	3.7	3.7	3.5	3.5
12/15	3.7	3.7	3.5	3.4	3.7	3.7
12/16	3.0	3.7	3.4	3.7	3.8	3.8
12/17	3.8	3.8	3.8	3.6	3.6	3.8
12/18	3.8	3.8	3.6	3.6	3.8	3.8
12/19	3.8	3.8	3.8	3.6	3.6	3.8
12/20	3.8	3.1	3.8	3.6	3.7	3.8
12/21	3.8	3.7	3.8	3.7	3.1	3.0
12/22	2.5	3.4	3.5	3.5	3.6	3.1
12/23	3.1	3.6	3.6	3.5	3.6	3.6
12/24	3.5	3.6	3.6	3.0	1.3	3.0
12/25	3.2	3.4	3.4	3.4	3.3	3.5
12/26	3.5	3.5	3.4	3.2	3.2	3.3
12/27	3.3	3.3	3.0	3.0	3.3	3.3
12/28	3.9	3.9	3.9	3.9	3.8	4.0
12/29	4.0	4.0	4.0	3.9	4.0	3.9
12/30	3.8	3.9	3.2	3.5	3.6	3.5
12/31	3.4	3.4	3.4	3.4	3.4	3.4
<b>MIN</b>	<b>2.5</b>	<b>3.1</b>	<b>3.0</b>	<b>3.0</b>	<b>1.3</b>	<b>3.0</b>
<b>MAX</b>	<b>4.0</b>	<b>4.0</b>	<b>4.0</b>	<b>3.9</b>	<b>4.0</b>	<b>4.0</b>
<b>AVG</b>	<b>3.6</b>	<b>3.6</b>	<b>3.6</b>	<b>3.5</b>	<b>3.5</b>	<b>3.6</b>

### 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
12/1/2020	12:00 AM	OFF	OFF	OFF	0.0671	0.1687	0.2214	0.1005	0.0914	0.2357	0.1316	OFF	0.1679	OFF	0.2392	OFF
	04:00 AM	OFF	OFF	OFF	0.0673	0.1704	0.2302	0.1042	0.0925	0.2440	0.1368	OFF	0.1652	OFF	0.1369	OFF
	08:00 AM	OFF	OFF	OFF	0.0699	0.1702	0.2299	0.1074	0.0914	0.2376	0.1340	OFF	0.1657	OFF	0.1476	OFF
	12:00 PM	OFF	OFF	OFF	0.0684	0.1686	0.2233	0.1243	0.0904	0.2347	0.1530	OFF	0.1619	OFF	0.1800	OFF
	04:00 PM	OFF	OFF	OFF	0.0617	0.1655	0.2162	0.1281	0.0889	0.2204	0.1450	OFF	0.1814	OFF	0.2804	OFF
	08:00 PM	OFF	OFF	OFF	0.0574	0.1667	0.2213	0.1207	0.0889	0.2212	0.1345	OFF	0.1762	OFF	0.2723	OFF
	AVG	OFF	OFF	OFF	0.0656	0.1683	0.2237	0.1141	0.0905	0.2325	0.1387	OFF	0.1698	OFF	0.2094	OFF
12/2/2020	12:00 AM	OFF	OFF	OFF	0.0597	0.1654	0.2144	0.1145	0.0875	0.2110	0.1232	OFF	0.1613	OFF	0.2218	OFF
	04:00 AM	OFF	OFF	OFF	0.0549	0.1637	0.2045	0.1067	0.0861	0.1995	0.1086	OFF	0.1502	OFF	0.2497	OFF
	08:00 AM	OFF	OFF	OFF	0.0523	0.1617	0.2006	0.1019	0.0848	0.1930	0.1010	OFF	0.1545	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0597	0.1619	0.2287	0.1129	0.0840	0.1894	0.1255	OFF	0.1687	OFF	0.1694	OFF
	04:00 PM	OFF	OFF	OFF	0.0597	0.1670	0.2190	0.0992	0.0835	0.1900	0.1111	OFF	0.1673	OFF	0.1677	OFF
	08:00 PM	OFF	OFF	OFF	0.0553	0.1655	0.2103	0.0989	0.0833	0.1835	0.1064	OFF	0.1718	OFF	0.2174	OFF
	AVG	OFF	OFF	OFF	0.0570	0.1642	0.2128	0.1059	0.0850	0.1942	0.1124	OFF	0.1622	OFF	0.2052	OFF
12/3/2020	12:00 AM	OFF	OFF	OFF	0.0556	0.1649	0.2092	0.0992	0.0835	0.1814	0.1122	OFF	0.1686	OFF	0.2132	OFF
	04:00 AM	OFF	OFF	OFF	0.0568	0.1652	0.2125	0.0996	0.0840	0.1862	0.1119	OFF	0.1674	OFF	0.2043	OFF
	08:00 AM	OFF	OFF	OFF	0.0563	0.1646	0.2096	0.0982	0.0839	0.1871	0.1052	OFF	0.1706	OFF	0.2696	OFF
	12:00 PM	OFF	OFF	OFF	0.0559	0.1651	0.2100	0.1007	0.0775	0.2208	0.0956	OFF	0.1654	OFF	0.2914	OFF
	04:00 PM	OFF	OFF	OFF	0.0579	0.1650	0.2081	0.0957	0.0849	0.2242	0.1212	OFF	0.1586	OFF	0.2904	OFF
	08:00 PM	OFF	OFF	OFF	0.0574	0.1651	0.2070	0.0947	0.0883	0.2109	0.1170	OFF	0.1591	OFF	0.2903	OFF
	AVG	OFF	OFF	OFF	0.0567	0.1650	0.2095	0.0981	0.0840	0.2010	0.1122	OFF	0.1649	OFF	0.2599	OFF
12/4/2020	12:00 AM	OFF	OFF	OFF	0.0552	0.1654	0.2122	0.0961	0.0879	0.2097	0.1152	OFF	0.1563	OFF	0.2923	OFF
	04:00 AM	OFF	OFF	OFF	0.0561	0.1660	0.2165	0.0973	0.0881	0.2101	0.1137	OFF	0.1528	OFF	0.2910	OFF
	08:00 AM	OFF	OFF	OFF	0.0534	0.1670	0.2179	0.0958	0.0881	0.2115	0.1110	OFF	0.1606	OFF	0.2903	OFF
	12:00 PM	OFF	OFF	OFF	0.0693	0.1684	0.2257	0.1354	0.0898	0.2293	0.1714	OFF	0.1735	OFF	0.2666	OFF
	04:00 PM	OFF	OFF	OFF	0.0803	0.1707	0.2368	0.1349	0.0904	0.2315	0.1575	OFF	0.1790	OFF	0.1573	OFF
	08:00 PM	OFF	OFF	OFF	0.0754	0.1702	0.2389	0.1172	0.0893	0.2243	0.1309	OFF	0.1497	OFF	0.1190	OFF
	AVG	OFF	OFF	OFF	0.0642	0.1681	0.2248	0.1144	0.0890	0.2194	0.1348	OFF	0.1618	OFF	0.2361	OFF
12/5/2020	12:00 AM	OFF	OFF	OFF	0.0747	0.1684	0.2268	0.1120	0.0901	0.2027	0.1192	OFF	0.1198	OFF	0.1431	OFF
	04:00 AM	OFF	OFF	OFF	0.0641	0.1649	0.2090	0.1066	0.0866	0.1896	0.1059	OFF	0.1493	OFF	0.1566	OFF
	08:00 AM	OFF	OFF	OFF	0.0633	0.1641	0.1979	0.1041	0.0862	0.1872	0.1039	OFF	0.1425	OFF	0.1728	OFF
	12:00 PM	OFF	OFF	OFF	0.0616	0.1637	0.1969	0.1039	0.0860	0.1896	0.0999	OFF	0.1501	OFF	0.1578	OFF
	04:00 PM	OFF	OFF	OFF	0.0632	0.1664	0.1945	0.1024	0.0859	0.2020	0.1377	OFF	0.1566	OFF	0.1665	OFF
	08:00 PM	OFF	OFF	OFF	0.0592	0.1726	0.1973	0.1026	0.0860	0.1888	0.1207	OFF	0.1552	OFF	0.1611	OFF
	AVG	OFF	OFF	OFF	0.0643	0.1666	0.2039	0.1054	0.0870	0.1935	0.1148	OFF	0.1455	OFF	0.1594	OFF
12/6/2020	12:00 AM	OFF	OFF	OFF	0.0600	0.1711	0.2008	0.0999	0.0863	0.1855	0.1134	OFF	0.1544	OFF	0.1826	OFF
	04:00 AM	OFF	OFF	OFF	0.0590	0.1702	0.2128	0.0997	0.0881	0.1860	0.1091	OFF	0.1545	OFF	0.1872	OFF
	08:00 AM	OFF	OFF	OFF	0.0588	0.1704	0.2112	0.1028	0.0877	0.2013	0.1028	OFF	0.1526	OFF	0.1495	OFF
	12:00 PM	OFF	OFF	OFF	0.0574	0.1685	0.2614	0.0973	0.0867	0.2029	0.1325	OFF	OFF	OFF	0.1898	OFF
	04:00 PM	OFF	OFF	OFF	0.0569	0.1686	0.2372	0.0965	0.0884	0.1814	0.1172	OFF	OFF	OFF	0.1830	OFF
	08:00 PM	OFF	OFF	OFF	0.0568	0.1682	0.2302	0.0981	0.0915	0.1782	0.1095	OFF	OFF	OFF	0.1732	OFF
	AVG	OFF	OFF	OFF	0.0583	0.1695	0.2258	0.0990	0.0882	0.1896	0.1142	OFF	0.1538	OFF	0.1776	OFF
12/7/2020	12:00 AM	OFF	OFF	OFF	0.0564	0.1691	0.2265	0.1003	0.0935	0.1791	0.1068	OFF	0.1670	OFF	0.1463	OFF
	04:00 AM	OFF	OFF	OFF	0.0575	0.1707	0.2262	0.1003	0.0945	0.1819	0.1065	OFF	0.1598	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0569	0.1693	0.2262	0.1011	0.0967	0.1805	0.1049	OFF	0.1563	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0566	0.1679	0.2229	0.0990	0.0972	0.1841	0.1043	OFF	0.1544	OFF	0.2054	OFF
	04:00 PM	OFF	OFF	OFF	0.0559	0.1698	0.2154	0.0982	0.0921	0.2205	0.1208	OFF	0.1572	OFF	0.2076	OFF
	08:00 PM	OFF	OFF	OFF	0.0547	0.1671	0.2086	0.0966	0.0949	0.2118	0.1134	OFF	0.1458	OFF	0.2071	OFF
	AVG	OFF	OFF	OFF	0.0563	0.1690	0.2211	0.0993	0.0949	0.1920	0.1092	OFF	0.1567	OFF	0.1916	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
12/8/2020	12:00 AM	OFF	OFF	OFF	0.0554	0.1682	0.2115	0.0976	0.0940	0.2081	0.1098	OFF	0.1396	OFF	0.2076	OFF
	04:00 AM	OFF	OFF	OFF	0.0556	0.1727	0.2258	0.1053	0.0952	0.2149	0.1167	OFF	0.1525	OFF	0.2075	OFF
	08:00 AM	OFF	OFF	OFF	0.0547	0.1701	0.2171	0.1013	0.0940	0.2101	0.1110	OFF	0.1555	OFF	0.2076	OFF
	12:00 PM	OFF	OFF	OFF	0.0528	0.1702	0.2214	0.0979	0.0945	0.2167	0.1073	OFF	0.1599	OFF	0.2077	OFF
	04:00 PM	OFF	OFF	OFF	0.0757	0.1685	0.2131	0.1192	0.0930	0.2010	0.1225	OFF	0.1460	OFF	0.2073	OFF
	08:00 PM	OFF	OFF	OFF	0.0668	0.1704	0.2183	0.1261	0.0935	0.2076	0.1229	OFF	0.1490	OFF	0.2041	OFF
	AVG	OFF	OFF	OFF	0.0619	0.1701	0.2177	0.1084	0.0941	0.2098	0.1158	OFF	0.1505	OFF	0.2070	OFF
12/9/2020	12:00 AM	OFF	OFF	OFF	0.0696	0.1734	0.2224	0.1376	0.0933	0.2024	0.1167	OFF	0.1597	OFF	0.2035	OFF
	04:00 AM	OFF	OFF	OFF	0.0620	0.1749	0.2162	0.1290	0.0917	0.1907	0.1019	OFF	0.1494	OFF	0.2076	OFF
	08:00 AM	OFF	OFF	OFF	0.0590	0.1663	0.2085	0.1302	0.0912	0.1898	0.0934	OFF	0.1489	OFF	0.1852	OFF
	12:00 PM	OFF	OFF	OFF	0.0546	0.1776	0.2052	0.1274	0.0907	0.1899	0.1241	OFF	0.1596	OFF	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0559	0.1736	0.2072	0.1274	0.0910	0.1892	0.1136	OFF	0.1633	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0539	0.1710	0.2075	0.1234	0.0909	0.1885	0.1050	OFF	0.1681	OFF	OFF	OFF
	AVG	OFF	OFF	OFF	0.0591	0.1729	0.2112	0.1293	0.0914	0.1917	0.1110	OFF	0.1592	OFF	0.1988	OFF
12/10/2020	12:00 AM	OFF	OFF	OFF	0.0550	0.1704	0.2114	0.1198	0.0912	0.1825	0.1018	OFF	0.1718	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.0537	0.1705	0.2150	0.1195	0.0918	0.1871	0.1006	OFF	0.1654	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0538	0.1728	0.2242	0.1260	0.0936	0.2021	0.1026	OFF	0.1680	OFF	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0551	0.1700	0.2622	0.1201	0.0918	0.1874	0.1340	OFF	0.1939	OFF	0.1255	OFF
	04:00 PM	OFF	OFF	OFF	0.0560	0.1692	0.2416	0.1171	0.0923	0.1876	0.1140	OFF	0.1776	OFF	0.1101	OFF
	08:00 PM	OFF	OFF	OFF	0.0540	0.1687	0.2310	0.1140	0.0920	0.1897	0.1080	OFF	0.1747	OFF	0.1202	OFF
	AVG	OFF	OFF	OFF	0.0547	0.1703	0.2307	0.1193	0.0922	0.1895	0.1105	OFF	0.1754	OFF	0.1166	OFF
12/11/2020	12:00 AM	OFF	OFF	OFF	0.0536	0.1662	0.2134	0.1084	0.0918	0.1803	0.0979	OFF	0.1664	OFF	0.1349	OFF
	04:00 AM	OFF	OFF	OFF	0.0517	0.1664	0.2117	0.1017	0.0921	0.1784	0.0965	OFF	0.1646	OFF	0.1615	OFF
	08:00 AM	OFF	OFF	OFF	0.0521	0.1663	0.2313	0.1049	0.0945	0.1943	0.1139	OFF	0.1779	OFF	0.2256	OFF
	12:00 PM	OFF	OFF	OFF	0.0547	0.1662	0.2956	0.1261	0.0990	0.2271	0.1709	OFF	0.2291	OFF	0.2162	OFF
	04:00 PM	OFF	OFF	OFF	0.0670	0.1669	0.2550	0.1128	0.1067	0.2079	0.1706	OFF	0.2116	OFF	0.1611	OFF
	08:00 PM	OFF	OFF	OFF	0.0635	0.1654	0.2328	0.1064	0.1017	0.1979	0.1356	OFF	0.2002	OFF	0.1562	OFF
	AVG	OFF	OFF	OFF	0.0576	0.1663	0.2319	0.1102	0.0979	0.1976	0.1306	OFF	0.1916	OFF	0.1765	OFF
12/12/2020	12:00 AM	OFF	OFF	OFF	0.0555	0.1668	0.2223	0.1060	0.0990	0.1989	0.1220	OFF	0.1908	OFF	0.1581	OFF
	04:00 AM	OFF	OFF	OFF	0.0572	0.1668	0.2157	0.1002	0.0975	0.1935	0.1129	OFF	0.1887	OFF	0.1865	OFF
	08:00 AM	OFF	OFF	OFF	0.0559	0.1649	0.2026	0.0967	0.0954	0.1874	0.1013	OFF	0.1795	OFF	0.1586	OFF
	12:00 PM	OFF	OFF	OFF	0.0570	0.1647	0.2010	0.0951	0.0954	0.1819	0.0996	OFF	0.1882	OFF	0.1612	OFF
	04:00 PM	OFF	OFF	OFF	0.0575	0.1660	0.2047	0.0963	0.0957	0.1831	0.1032	OFF	0.2253	OFF	0.1656	OFF
	08:00 PM	OFF	OFF	OFF	0.0563	0.1671	0.2050	0.0973	0.0956	0.1940	0.1024	OFF	0.2252	OFF	0.1860	OFF
	AVG	OFF	OFF	OFF	0.0565	0.1660	0.2087	0.0987	0.0964	0.1899	0.1072	OFF	0.1994	OFF	0.1694	OFF
12/13/2020	12:00 AM	OFF	OFF	OFF	0.0538	0.1706	0.2124	0.1016	0.0970	0.1997	0.1091	OFF	0.2268	OFF	0.1902	OFF
	04:00 AM	OFF	OFF	OFF	OFF	0.1743	0.2184	0.1063	0.0979	0.2161	0.1131	OFF	0.2243	OFF	0.2490	OFF
	08:00 AM	OFF	OFF	OFF	0.0478	0.1751	0.2252	0.1087	0.0989	0.2379	0.1186	OFF	0.2306	OFF	0.1967	OFF
	12:00 PM	OFF	OFF	OFF	0.0601	0.1732	0.2275	0.1076	0.0994	0.2280	0.1204	OFF	0.2350	OFF	0.1743	OFF
	04:00 PM	OFF	OFF	OFF	0.0608	0.1739	0.2344	0.1295	0.1002	0.2445	0.1538	OFF	0.2269	OFF	0.1042	OFF
	08:00 PM	OFF	OFF	OFF	0.0657	0.1718	0.2171	0.1381	0.0982	0.2533	0.1563	OFF	0.2131	OFF	0.0868	OFF
	AVG	OFF	OFF	OFF	0.0593	0.1732	0.2224	0.1151	0.0987	0.2271	0.1276	OFF	0.2261	OFF	0.1713	OFF
12/14/2020	12:00 AM	OFF	OFF	OFF	0.0623	0.1746	0.2149	0.1269	0.0979	0.2493	0.1383	OFF	0.2034	OFF	0.0807	OFF
	04:00 AM	OFF	OFF	OFF	0.0624	0.1789	0.2304	0.1419	0.1016	0.2853	0.1647	OFF	0.1961	OFF	0.0893	OFF
	08:00 AM	OFF	OFF	OFF	0.0747	0.1867	0.2630	0.1720	0.1072	0.3033	0.2103	OFF	0.2279	OFF	0.1162	OFF
	12:00 PM	OFF	OFF	OFF	0.0955	0.1943	0.3027	0.1996	0.1139	OFF	0.2549	OFF	0.2737	OFF	0.1346	OFF
	04:00 PM	OFF	OFF	OFF	0.1052	0.2087	0.2750	0.1575	0.1057	0.2532	0.2037	OFF	0.2511	OFF	0.0962	OFF
	08:00 PM	OFF	OFF	OFF	0.0795	0.1935	0.2702	0.1289	0.1009	0.2488	0.1748	OFF	0.2700	OFF	0.0676	OFF
	AVG	OFF	OFF	OFF	0.0801	0.1892	0.2559	0.1545	0.1050	0.2680	0.1903	OFF	0.2363	OFF	0.0977	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
12/15/2020	12:00 AM	OFF	OFF	OFF	0.0637	0.1837	0.2651	0.1208	0.0994	0.2256	0.1383	OFF	0.2432	OFF	0.0574	OFF
	04:00 AM	OFF	OFF	OFF	0.0581	0.1797	0.2504	0.1152	0.0994	0.2154	0.1261	OFF	0.2295	OFF	0.0540	OFF
	08:00 AM	OFF	OFF	OFF	0.0874	0.1780	0.2439	0.1127	0.0971	0.2265	0.1161	OFF	0.2200	OFF	0.0514	OFF
	12:00 PM	OFF	OFF	OFF	0.0663	0.1783	0.2440	0.1147	0.1082	0.2328	0.1514	OFF	0.2232	OFF	0.0503	OFF
	04:00 PM	OFF	OFF	OFF	0.0712	0.1762	0.2393	0.1106	0.1041	0.2125	0.1343	OFF	0.2184	OFF	0.0484	OFF
	08:00 PM	OFF	OFF	OFF	0.0632	0.1753	0.2356	0.1088	0.1028	0.2051	0.1251	OFF	0.2179	OFF	0.0461	OFF
	AVG	OFF	OFF	OFF	0.0691	0.1785	0.2463	0.1138	0.1019	0.2196	0.1326	OFF	0.2253	OFF	0.0513	OFF
12/16/2020	12:00 AM	OFF	OFF	OFF	0.0605	0.1744	0.2288	0.1071	0.1020	0.2025	0.1182	OFF	0.2232	OFF	0.0437	OFF
	04:00 AM	OFF	OFF	OFF	0.0581	0.1739	0.2276	0.1029	0.1011	0.1998	0.1097	OFF	0.2179	OFF	0.0429	OFF
	08:00 AM	OFF	OFF	OFF	0.0616	0.1754	0.2295	0.1345	0.1014	0.2525	0.1510	OFF	0.2111	OFF	0.0670	OFF
	12:00 PM	OFF	OFF	OFF	0.0748	0.1761	0.2373	0.1318	0.1021	0.2503	0.1455	OFF	0.2066	OFF	0.0698	OFF
	04:00 PM	OFF	OFF	OFF	0.0911	0.1760	0.2376	0.1234	0.1015	0.2361	0.1325	OFF	0.1958	OFF	0.0594	OFF
	08:00 PM	OFF	OFF	OFF	0.1009	0.1744	0.2317	0.1172	0.1005	0.2199	0.1187	OFF	0.1907	OFF	0.0504	OFF
	AVG	OFF	OFF	OFF	0.0759	0.1750	0.2321	0.1194	0.1014	0.2265	0.1282	OFF	0.2076	OFF	0.0552	OFF
12/17/2020	12:00 AM	OFF	OFF	OFF	OFF	0.1722	0.2249	0.1109	0.0993	0.2057	0.1059	OFF	0.1836	OFF	0.0437	OFF
	04:00 AM	OFF	OFF	OFF	0.1241	0.1717	0.2217	0.1081	0.0989	0.2001	0.1009	OFF	0.1847	OFF	0.0408	OFF
	08:00 AM	OFF	OFF	OFF	0.2221	0.1732	0.2251	0.1115	0.1001	0.2093	0.1065	OFF	0.1857	OFF	0.0435	OFF
	12:00 PM	OFF	OFF	OFF	0.1152	0.1743	0.2292	0.1244	0.1016	0.2268	0.1337	OFF	0.1925	OFF	0.0477	OFF
	04:00 PM	OFF	OFF	OFF	0.0846	0.1943	0.2442	0.1242	0.1033	0.2306	0.1705	OFF	0.2592	OFF	0.0513	OFF
	08:00 PM	OFF	OFF	OFF	0.0762	0.1876	0.2522	0.1215	0.1036	0.2246	0.1452	OFF	0.2534	OFF	0.0479	OFF
	AVG	OFF	OFF	OFF	0.1199	0.1790	0.2332	0.1170	0.1013	0.2161	0.1277	OFF	0.2109	OFF	0.0458	OFF
12/18/2020	12:00 AM	OFF	OFF	OFF	0.0734	0.1818	0.2519	0.1155	0.1044	0.2138	0.1262	OFF	0.2415	OFF	0.0432	OFF
	04:00 AM	OFF	OFF	OFF	0.0588	0.1780	0.2399	0.1105	0.1036	0.2024	0.1133	OFF	0.2377	OFF	0.0395	OFF
	08:00 AM	OFF	OFF	OFF	0.0551	0.1767	0.2199	0.1121	0.0997	0.2055	0.1055	OFF	0.2622	OFF	0.0409	OFF
	12:00 PM	OFF	OFF	OFF	0.0539	0.1798	OFF	0.1147	0.1157	0.2119	0.1647	OFF	0.2737	OFF	0.0443	OFF
	04:00 PM	OFF	OFF	OFF	0.0516	0.1740	0.1580	0.1071	0.1076	0.1962	0.1231	OFF	0.2449	OFF	0.0365	OFF
	08:00 PM	OFF	OFF	OFF	0.0470	0.1731	0.1504	0.1049	0.1058	0.1939	0.1118	OFF	OFF	OFF	0.0355	OFF
	AVG	OFF	OFF	OFF	0.0573	0.1771	0.2037	0.1108	0.1062	0.2040	0.1253	OFF	0.2517	OFF	0.0398	OFF
12/19/2020	12:00 AM	OFF	OFF	OFF	0.0518	0.1727	0.1488	0.1045	0.1052	0.1928	0.1066	OFF	OFF	OFF	0.0363	OFF
	04:00 AM	OFF	OFF	OFF	0.0473	0.1728	0.1517	0.1050	0.1051	0.1940	0.1050	OFF	0.2747	OFF	0.0390	OFF
	08:00 AM	OFF	OFF	OFF	0.0448	0.1723	0.1543	0.1047	0.1050	0.1967	0.1039	OFF	0.2989	OFF	0.0404	OFF
	12:00 PM	OFF	OFF	OFF	0.0527	0.1727	0.1403	0.1197	0.1047	0.2026	0.1262	OFF	0.2153	OFF	0.0395	OFF
	04:00 PM	OFF	OFF	OFF	0.0731	0.1742	0.1476	0.1354	0.1063	0.2550	0.1493	OFF	OFF	OFF	0.0432	OFF
	08:00 PM	OFF	OFF	OFF	0.0651	0.1744	0.1490	0.1269	0.1064	0.2353	0.1355	OFF	OFF	OFF	0.0444	OFF
	AVG	OFF	OFF	OFF	0.0570	0.1732	0.1486	0.1162	0.1055	0.2121	0.1216	OFF	0.2630	OFF	0.0405	OFF
12/20/2020	12:00 AM	OFF	OFF	OFF	0.0633	0.1760	0.1626	0.1254	0.1068	0.2341	0.1342	OFF	0.2021	OFF	0.0542	OFF
	04:00 AM	OFF	OFF	OFF	0.0633	0.1759	0.1676	0.1222	0.1070	0.2303	0.1311	OFF	0.1546	OFF	0.0585	OFF
	08:00 AM	OFF	OFF	OFF	0.0542	0.1710	0.1441	0.1090	0.1047	0.2045	0.1091	OFF	OFF	OFF	0.0495	OFF
	12:00 PM	OFF	OFF	OFF	0.0514	0.1710	0.1471	0.1099	0.1045	0.2268	0.1465	OFF	OFF	OFF	0.0671	OFF
	04:00 PM	OFF	OFF	OFF	0.0599	0.1762	0.1887	0.1225	0.1084	0.2416	0.1688	OFF	0.1651	OFF	0.0746	OFF
	08:00 PM	OFF	OFF	OFF	0.0628	0.1786	0.1937	0.1238	0.1096	0.2368	0.1547	OFF	0.2202	OFF	0.0643	OFF
	AVG	OFF	OFF	OFF	0.0587	0.1748	0.1674	0.1188	0.1069	0.2286	0.1414	OFF	0.1484	OFF	0.0609	OFF
12/21/2020	12:00 AM	OFF	OFF	OFF	0.0573	0.1762	0.1966	0.1168	0.1084	0.2175	0.1319	OFF	0.2201	OFF	0.0585	OFF
	04:00 AM	OFF	OFF	OFF	0.0549	0.1768	0.2073	0.1133	0.1091	0.2108	0.1242	OFF	0.1721	OFF	0.0527	OFF
	08:00 AM	OFF	OFF	OFF	0.0517	0.1757	0.1995	0.1098	0.1091	0.2020	0.1142	OFF	0.2002	OFF	0.0483	OFF
	12:00 PM	OFF	OFF	OFF	0.0489	0.1635	0.1636	0.1083	0.1086	0.2152	0.1051	OFF	0.2421	OFF	0.0487	OFF
	04:00 PM	OFF	OFF	OFF	0.0484	0.1867	0.1794	0.1088	0.1082	0.2173	0.1417	OFF	0.1511	OFF	0.0513	OFF
	08:00 PM	OFF	OFF	OFF	0.0461	0.1803	0.1581	0.1057	0.1082	0.1998	0.1254	OFF	0.1672	OFF	0.0444	OFF
	AVG	OFF	OFF	OFF	0.0514	0.1768	0.1842	0.1106	0.1086	0.2103	0.1235	OFF	0.1921	OFF	0.0508	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
12/22/2020	12:00 AM	OFF	OFF	OFF	0.0455	0.1826	0.1466	0.1069	0.1124	0.1952	0.1168	OFF	0.1944	OFF	0.0415	OFF
	04:00 AM	OFF	OFF	OFF	0.0663	0.1800	0.1380	0.1039	0.1149	0.1989	0.1121	OFF	0.1622	OFF	0.0406	OFF
	08:00 AM	OFF	OFF	OFF	0.0413	0.1761	0.1342	0.1043	0.1110	0.2104	0.1066	OFF	OFF	OFF	0.0415	OFF
	12:00 PM	OFF	OFF	OFF	0.0658	0.1757	0.1343	0.1037	0.1209	0.2144	0.1376	OFF	0.0165	OFF	0.0416	OFF
	04:00 PM	OFF	OFF	OFF	0.0632	0.1773	0.1419	0.1077	0.1199	0.2173	0.1388	OFF	0.0338	OFF	0.0437	OFF
	08:00 PM	OFF	OFF	OFF	0.0588	0.1785	0.1477	0.1100	0.1201	0.2202	0.1394	OFF	0.0350	OFF	0.0447	OFF
	AVG	OFF	OFF	OFF	0.0587	0.1785	0.1406	0.1061	0.1163	0.2094	0.1266	OFF	0.0884	OFF	0.0423	OFF
12/23/2020	12:00 AM	OFF	OFF	OFF	0.0631	0.1835	0.1405	0.1089	0.1189	0.2117	0.1354	OFF	0.0362	OFF	0.0443	OFF
	04:00 AM	OFF	OFF	OFF	0.0526	0.1841	0.1212	0.1024	0.1148	0.1966	0.1119	OFF	0.0323	OFF	0.0373	OFF
	08:00 AM	OFF	OFF	OFF	0.0484	0.1720	0.1171	0.0971	0.1139	0.1960	0.1033	OFF	0.0312	OFF	0.0364	OFF
	12:00 PM	OFF	OFF	OFF	0.0499	0.1756	0.1192	0.1355	0.1151	0.2454	0.1559	OFF	0.0332	OFF	0.0420	OFF
	04:00 PM	OFF	OFF	OFF	0.0546	0.1797	0.1357	0.1323	0.1174	0.2786	0.1513	OFF	0.0356	OFF	0.0445	OFF
	08:00 PM	OFF	OFF	OFF	0.0490	0.1757	0.1218	0.1166	0.1147	0.2787	0.1239	OFF	0.0315	OFF	0.0388	OFF
	AVG	OFF	OFF	OFF	0.0530	0.1785	0.1259	0.1149	0.1159	0.2145	0.1304	OFF	0.0334	OFF	0.0406	OFF
12/24/2020	12:00 AM	OFF	OFF	OFF	0.0457	0.1672	0.1162	0.1126	0.1144	0.2786	0.1144	OFF	0.0333	OFF	0.0371	OFF
	04:00 AM	OFF	OFF	OFF	0.0551	0.1730	0.1500	0.1397	0.1207	0.2786	0.1571	OFF	0.0437	OFF	0.0464	OFF
	08:00 AM	OFF	OFF	OFF	0.0608	0.1702	0.1554	0.1419	0.1220	0.2786	0.1471	OFF	0.0441	OFF	0.0549	OFF
	12:00 PM	OFF	OFF	OFF	0.0738	0.1865	0.1782	0.1554	0.1249	OFF	0.2166	OFF	0.1134	OFF	0.1424	OFF
	04:00 PM	OFF	OFF	OFF	0.0623	0.1787	0.1459	0.1352	0.1200	0.1521	0.1762	OFF	0.0699	OFF	0.0792	OFF
	08:00 PM	OFF	OFF	OFF	0.0535	0.1731	0.1411	0.1313	0.1200	0.1311	0.1597	OFF	0.0619	OFF	0.0706	OFF
	AVG	OFF	OFF	OFF	0.0586	0.1749	0.1478	0.1362	0.1206	0.2238	0.1581	OFF	0.0605	OFF	0.0742	OFF
12/25/2020	12:00 AM	OFF	OFF	OFF	0.0565	0.1808	0.1532	0.1387	0.1230	0.1434	0.1677	OFF	0.0673	OFF	0.0749	OFF
	04:00 AM	OFF	OFF	OFF	0.0597	0.1829	0.1571	0.1403	0.1250	0.1506	0.1655	OFF	0.0656	OFF	0.0733	OFF
	08:00 AM	OFF	OFF	OFF	0.0567	0.1808	0.1498	0.1346	0.1236	0.1843	0.1526	OFF	0.0566	OFF	0.0641	OFF
	12:00 PM	OFF	OFF	OFF	0.0499	0.1781	0.1395	0.1288	0.1221	0.1641	0.1363	OFF	0.0482	OFF	0.0552	OFF
	04:00 PM	OFF	OFF	OFF	0.0769	0.1771	0.1893	0.1242	0.1227	0.1186	0.1666	OFF	0.0459	OFF	0.0492	OFF
	08:00 PM	OFF	OFF	OFF	0.0691	0.1794	0.1908	0.1259	0.1264	0.1175	0.1561	OFF	0.0458	OFF	0.0528	OFF
	AVG	OFF	OFF	OFF	0.0622	0.1798	0.1625	0.1320	0.1239	0.1464	0.1577	OFF	0.0548	OFF	0.0614	OFF
12/26/2020	12:00 AM	OFF	OFF	OFF	0.0747	0.1859	0.2015	0.1360	0.1329	0.1581	0.1649	OFF	0.0536	OFF	0.0565	OFF
	04:00 AM	OFF	OFF	OFF	0.0655	0.1865	0.1736	0.1290	0.1364	0.1502	0.1415	OFF	0.0502	OFF	0.0480	OFF
	08:00 AM	OFF	OFF	OFF	0.0627	0.1822	0.1702	0.1270	0.1390	0.1751	0.1398	OFF	0.0482	OFF	0.0494	OFF
	12:00 PM	OFF	OFF	OFF	0.0597	0.1754	0.1563	0.1213	0.1383	0.1905	0.1255	OFF	0.0406	OFF	0.0582	OFF
	04:00 PM	OFF	OFF	OFF	0.0564	0.1785	0.1504	0.1199	0.1405	0.1324	0.1252	OFF	0.0396	OFF	0.0481	OFF
	08:00 PM	OFF	OFF	OFF	0.0539	0.1805	0.1447	0.1192	0.1449	0.1433	0.1198	OFF	0.0382	OFF	0.0448	OFF
	AVG	OFF	OFF	OFF	0.0627	0.1815	0.1658	0.1253	0.1388	0.1583	0.1360	OFF	0.0451	OFF	0.0511	OFF
12/27/2020	12:00 AM	OFF	OFF	OFF	0.0575	0.1897	0.1554	0.1292	0.1580	0.2786	0.1294	OFF	0.0432	OFF	0.0482	OFF
	04:00 AM	OFF	OFF	OFF	0.0539	0.1895	0.1422	0.1244	0.1632	0.2785	0.1166	OFF	0.0420	OFF	0.0444	OFF
	08:00 AM	OFF	OFF	OFF	0.0516	0.1795	0.1405	0.1219	0.1676	0.2786	0.1177	OFF	0.0419	OFF	0.0482	OFF
	12:00 PM	OFF	OFF	OFF	0.0564	0.1973	0.1421	0.1408	0.1612	0.2383	0.1735	OFF	0.0421	OFF	0.0467	OFF
	04:00 PM	OFF	OFF	OFF	0.0534	0.1939	0.1352	0.1442	0.1651	0.2034	0.1542	OFF	0.0396	OFF	0.0443	OFF
	08:00 PM	OFF	OFF	OFF	0.0454	0.1823	0.1163	0.1181	0.1580	0.1917	0.1110	OFF	0.0382	OFF	0.0365	OFF
	AVG	OFF	OFF	OFF	0.0527	0.1884	0.1384	0.1295	0.1622	0.2246	0.1310	OFF	0.0411	OFF	0.0446	OFF
12/28/2020	12:00 AM	OFF	OFF	OFF	0.0398	0.1777	0.1220	0.1147	0.1576	0.2144	0.1007	OFF	0.0402	OFF	0.0384	OFF
	04:00 AM	OFF	OFF	OFF	0.0449	0.1816	0.1583	0.1277	0.1616	0.2593	0.1200	OFF	0.0453	OFF	0.0527	OFF
	08:00 AM	OFF	OFF	OFF	0.0476	0.1834	0.1764	0.1319	0.1645	OFF	0.1299	OFF	0.0502	OFF	0.0617	OFF
	12:00 PM	OFF	OFF	OFF	0.0488	0.1847	0.1787	0.1341	0.1657	0.0943	0.1320	OFF	0.0507	OFF	0.0643	OFF
	04:00 PM	OFF	OFF	OFF	0.0524	0.1850	0.1818	0.1319	0.1663	0.2485	0.1745	OFF	0.0458	OFF	0.0607	OFF
	08:00 PM	OFF	OFF	OFF	0.0472	0.1808	0.1856	0.1239	0.1662	0.2540	0.1378	OFF	0.0478	OFF	0.0572	OFF
	AVG	OFF	OFF	OFF	0.0469	0.1823	0.1680	0.1273	0.1640	0.2389	0.1332	OFF	0.0467	OFF	0.0557	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
12/29/2020	12:00 AM	OFF	OFF	OFF	0.0449	0.1810	0.2416	0.1260	0.1722	0.2441	0.1246	OFF	0.0525	OFF	0.0775	OFF
	04:00 AM	OFF	OFF	OFF	0.0451	0.1844	0.2721	0.1338	0.1829	0.2631	0.1229	OFF	0.0513	OFF	0.0936	OFF
	08:00 AM	OFF	OFF	OFF	0.0450	0.1804	0.1455	0.1336	0.1907	0.1771	0.1166	OFF	0.0479	OFF	0.0962	OFF
	12:00 PM	OFF	OFF	OFF	0.0467	0.1781	0.1293	0.1253	0.2013	0.1600	0.1509	OFF	0.0556	OFF	0.0826	OFF
	04:00 PM	OFF	OFF	OFF	0.0434	0.1787	0.0912	0.1174	0.1919	0.1412	0.1277	OFF	0.0430	OFF	0.0726	OFF
	08:00 PM	OFF	OFF	OFF	0.0420	0.1779	0.0947	0.1223	0.1983	0.1499	0.1174	OFF	0.0377	OFF	0.0780	OFF
	AVG	OFF	OFF	OFF	0.0446	0.1801	0.1520	0.1264	0.1897	0.1896	0.1262	OFF	0.0480	OFF	0.0833	OFF
12/30/2020	12:00 AM	OFF	OFF	OFF	0.0429	0.1797	0.1136	0.1308	0.2113	0.1542	0.1184	OFF	0.0376	OFF	0.1005	OFF
	04:00 AM	OFF	OFF	OFF	0.0436	0.1802	0.1280	0.1342	0.2250	0.1612	0.1179	OFF	0.0380	OFF	0.1208	OFF
	08:00 AM	OFF	OFF	OFF	0.0413	0.1813	0.1235	0.1347	0.2353	0.1594	0.1123	OFF	0.0392	OFF	0.1225	OFF
	12:00 PM	OFF	OFF	OFF	0.0786	0.1856	0.1577	0.1318	0.2438	0.1619	0.1630	OFF	0.0376	OFF	0.0738	OFF
	04:00 PM	OFF	OFF	OFF	0.0698	0.1859	0.1335	0.1347	0.2533	0.1648	0.1458	OFF	0.0388	OFF	0.0645	OFF
	08:00 PM	OFF	OFF	OFF	0.0654	0.1827	0.1188	0.1352	0.2623	0.1644	0.1386	OFF	0.0388	OFF	0.0605	OFF
	AVG	OFF	OFF	OFF	0.0606	0.1825	0.1293	0.1336	0.2392	0.1609	0.1349	OFF	0.0383	OFF	0.0906	OFF
12/31/2020	12:00 AM	OFF	OFF	OFF	0.0631	0.1802	0.1384	0.1468	0.2795	0.1815	0.1363	OFF	0.0408	OFF	0.0581	OFF
	04:00 AM	OFF	OFF	OFF	0.0627	0.1842	0.1782	0.1670	0.3007	0.2161	0.1344	OFF	0.0427	OFF	0.0563	OFF
	08:00 AM	OFF	OFF	OFF	0.0599	0.1847	0.1685	0.1677	0.2536	0.2081	0.1245	OFF	0.0425	OFF	0.0540	OFF
	12:00 PM	OFF	OFF	OFF	0.0587	0.1795	0.1377	0.1694	0.2015	0.2112	0.1626	OFF	0.0410	OFF	0.0515	OFF
	04:00 PM	OFF	OFF	OFF	0.0530	0.1714	0.1056	0.1380	0.1986	0.1588	0.1404	OFF	0.0361	OFF	0.0456	OFF
	08:00 PM	OFF	OFF	OFF	0.0531	0.1723	0.1029	0.1470	0.2102	0.1714	0.1382	OFF	0.0369	OFF	0.0470	OFF
	AVG	OFF	OFF	OFF	0.0589	0.1788	0.1376	0.1561	0.2407	0.1911	0.1391	OFF	0.0400	OFF	0.0525	OFF

## JH Fewell (TF081) UV Compliance

System ID 250008-01

Month Of December 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 (%)			
12/1/2020	15.7	15722811	24	23	85	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	24	24	87			
12/2/2020	15.9	15912434	24	22	85							24	24	87			
12/3/2020	16.1	16133797	24	22	85							24	27	87			
12/4/2020	16.1	16066671	24	21	85							24	26	87			
12/5/2020	16.0	15989138	24	21	85							24	26	87			
12/6/2020	15.7	15667948	24	21	85							24	26	87			
12/7/2020	15.6	15641330	24	20	85							24	25	87			
12/8/2020	15.6	15598939	24	20	85							24	25	87			
12/9/2020	15.6	15562604	24	21	85							24	26	87			
12/10/2020	15.6	15555297	24	20	85							24	25	87			
12/11/2020	15.7	15671184	24	18	85							24	24	87			
12/12/2020	15.5	15477742	24	17	85							24	24	87			
12/13/2020	15.4	15408746	24	18	85							24	26	87			
12/14/2020	15.6	15605982	24	17	85							24	25	87			
12/15/2020	15.6	15582002	24	17	85							24	25	87			
12/16/2020	15.6	15556388	24	16	85							24	24	87			
12/17/2020	15.6	15580112	24	16	85							24	23	87			
12/18/2020	15.7	15704914	24	15	85							24	22	87			
12/19/2020	15.9	15871647	24	14	85							24	21	87			
12/20/2020	15.9	15887566	24	14	85							24	20	87			
12/21/2020	15.9	15897966	24	14	85							24	21	87			
12/22/2020	15.8	15786593	24	14	85							24	21	87			
12/23/2020	15.6	15555761	24	13	85							24	20	87			
12/24/2020	15.7	15717888	24	12	85							24	19	87			
12/25/2020	15.8	15789707	24	12	85							24	18	87			
12/26/2020	15.8	15800939	24	12	85							24	18	87			
12/27/2020	15.8	15812026	24.0	11	85							4.6	32	75	19	17	87
12/28/2020	16.5	16499934	24.0	11	85							24.0	31	75	OFFLINE		
12/29/2020	16.3	16264366	7.6	11	85	24.0	30	75	16	23	87						
12/30/2020	16.0	16010766	OFFLINE			24.0	29	75	24	28	87						
12/31/2020	15.7	15696206	OFFLINE			24.0	28	75	24	29	87						

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

**System ID**                    **250008-02**  
**Month of**                    **December 2020**

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

2. Percentage of turbidity that were equal to or less than the turbidity limit of 0.3 NTU. 99.8%

3. Number of filters that exceeded 0.5 NTU in 2 consecutive readings taken 15 min. apart after first four hours of operation. 1

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	2.2	7	3.1	13	2.8	19	3.0	25	2.4
2	3.3	8	2.6	14	1.6	20	3.3	26	2.1
3	3.1	9	2.9	15	2.0	21	2.7	27	2.4
4	3.2	10	3.2	16	2.2	22	3.0	28	2.0
5	2.0	11	1.9	17	1.8	23	1.2	29	1.1
6	3.2	12	1.3	18	3.4	24	2.9	30	1.0
								31	1.0

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. 12/26/2020

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

**System ID**  
**Month Of**

**250008-02**  
**December 2020**

Dec. 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTERS	FINISHED
12/1	7.4400	0.9463	0.1257	0.1712
12/2	6.8600	0.5980	0.1653	0.1356
12/3	6.5500	0.7110	0.2522	0.1250
12/4	6.3100	0.6450	0.2736	0.1287
12/5	6.5500	0.6770	0.2200	0.1412
12/6	6.7300	0.5790	0.1676	0.1419
12/7	6.8000	0.6450	0.2438	0.1481
12/8	7.6400	0.6794	0.3219	0.1625
12/9	7.9500	0.5788	0.1337	0.1656
12/10	7.5800	0.6575	0.1759	0.1763
12/11	7.3400	0.5894	0.1745	0.1831
12/12	6.2100	0.6531	0.1263	0.1856
12/13	5.6900	0.6725	0.1565	0.1287
12/14	5.4800	0.6156	0.1347	0.1238
12/15	7.1900	0.8450	0.2283	0.1306
12/16	5.7800	0.6912	0.1333	0.1369
12/17	7.0900	0.8156	0.2240	0.1488
12/18	6.2400	0.7830	0.2890	0.1637
12/19	6.1900	0.7000	0.2450	0.1619
12/20	6.2000	0.8750	0.1350	0.2050
12/21	6.5200	0.6488	0.1460	0.2262
12/22	6.7100	0.7394	0.2230	0.2319
12/23	6.8700	0.6406	0.2400	0.2325
12/24	7.2700	0.8794	0.1350	0.2369
12/25	11.4000	1.0900	0.2842	0.2394
12/26	10.2000	0.9430	0.2371	0.2419
12/27	10.2000	1.0200	0.2454	0.2444
12/28	17.9000	4.0200	0.7350	0.4950
12/29	14.5000	1.5300	0.3630	0.6350
12/30	17.2000	1.6400	0.2875	0.3325
12/31	22.3000	2.5600	0.5230	0.3231
<b>MIN</b>	<b>5.4800</b>	<b>0.5788</b>	<b>0.1257</b>	<b>0.1238</b>
<b>MAX</b>	<b>22.3000</b>	<b>4.0200</b>	<b>0.7350</b>	<b>0.6350</b>
<b>AVG</b>	<b>8.5448</b>	<b>0.9571</b>	<b>0.2369</b>	<b>0.1795</b>

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

System ID  
Month Of

250008-02  
December 2020

Dec. 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
12/1	0.1160	0.1190	0.1060	0.1180	0.1675	0.1712
12/2	0.1356	0.1312	0.1281	0.1231	0.1238	0.1250
12/3	0.1250	0.1244	0.1238	0.1225	0.1219	0.1231
12/4	0.1219	0.1213	0.1194	0.1187	0.1200	0.1287
12/5	0.1294	0.1256	0.1250	0.1331	0.1388	0.1412
12/6	0.1406	0.1406	0.1406	0.1400	0.1381	0.1419
12/7	0.1419	0.1412	0.1400	0.1450	0.1437	0.1481
12/8	0.1494	0.1494	0.1488	0.1519	0.1538	0.1625
12/9	0.1631	0.1619	0.1619	0.1594	0.1619	0.1656
12/10	0.1663	0.1656	0.1656	0.1744	0.1725	0.1763
12/11	0.1794	0.1794	0.1800	0.1794	0.1806	0.1831
12/12	0.1844	0.1850	0.1856	0.1800	0.1450	0.1319
12/13	0.1287	0.1287	0.1262	0.1238	0.1238	0.1231
12/14	0.1238	0.1238	0.1231	0.1238	0.1231	0.1238
12/15	0.1238	0.1256	0.1269	0.1269	0.1281	0.1306
12/16	0.1306	0.1312	0.1319	0.1319	0.1338	0.1369
12/17	0.1369	0.1375	0.1369	0.1419	0.1437	0.1488
12/18	0.1488	0.1475	0.1456	0.1525	0.1556	0.1637
12/19	0.1606	0.1606	0.1619	0.1587	0.1600	0.1612
12/20	0.1612	0.0920	0.1850	0.2050	0.1600	0.1663
12/21	0.1656	0.1838	0.2025	0.2144	0.2206	0.2262
12/22	0.2244	0.2262	0.2262	0.2250	0.2275	0.2319
12/23	0.2325	0.2306	0.2313	0.2287	0.2281	0.2294
12/24	0.2294	0.2300	0.2331	0.2331	0.2338	0.2369
12/25	0.2375	0.2381	0.2394	0.2350	0.2375	0.1740
12/26	0.1870	0.2180	0.1880	0.2350	0.2381	0.2419
12/27	0.2413	0.2425	0.2419	0.2375	0.2400	0.2444
12/28	0.2450	0.2450	0.2400	0.4950	0.3550	0.4500
12/29	0.6350	0.2220	0.1587	0.1600	0.2300	0.2775
12/30	0.2606	0.2887	0.1894	0.1887	0.1800	0.3325
12/31	0.2400	0.2806	0.2700	0.3231	0.2000	0.1656
<b>MIN</b>	<b>0.1160</b>	<b>0.0920</b>	<b>0.1060</b>	<b>0.1180</b>	<b>0.1200</b>	<b>0.1231</b>
<b>MAX</b>	<b>0.6350</b>	<b>0.2887</b>	<b>0.2700</b>	<b>0.4950</b>	<b>0.3550</b>	<b>0.4500</b>
<b>AVG</b>	<b>0.1860</b>	<b>0.1741</b>	<b>0.1704</b>	<b>0.1834</b>	<b>0.1770</b>	<b>0.1859</b>

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

System ID  
Month Of

250008-02  
December 2020

Dec. 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
12/1	2.2	2.3	2.2	2.2	3.1	3.5
12/2	3.3	3.5	3.9	3.7	3.6	3.5
12/3	3.6	3.5	3.2	4.0	3.1	3.5
12/4	3.4	3.4	3.2	3.4	3.4	3.8
12/5	3.6	2.7	2.2	2.0	2.0	2.6
12/6	3.3	3.2	3.2	3.2	3.2	3.4
12/7	3.5	3.3	3.2	3.2	3.1	3.1
12/8	3.2	3.2	3.1	3.1	3.1	2.6
12/9	2.9	3.4	3.8	4.5	4.2	4.3
12/10	3.7	3.5	3.2	3.2	3.4	3.7
12/11	2.5	2.1	2.2	1.9	2.0	2.9
12/12	3.0	1.6	1.3	2.1	3.0	3.0
12/13	3.5	3.6	3.6	2.8	3.5	3.3
12/14	3.3	2.8	2.8	2.8	1.6	2.5
12/15	2.2	2.3	2.1	2.0	2.0	2.1
12/16	2.7	2.8	2.8	2.6	2.4	2.2
12/17	2.3	2.0	1.8	2.0	2.5	3.7
12/18	4.1	3.9	3.8	3.6	3.4	3.5
12/19	3.6	3.0	3.3	3.5	3.4	3.4
12/20	3.4	3.3	3.4	3.3	3.4	3.4
12/21	3.3	3.3	2.7	3.1	3.5	3.4
12/22	3.1	3.1	3.3	3.1	3.1	3.0
12/23	3.2	3.4	2.4	1.2	1.8	2.7
12/24	3.1	3.4	3.8	3.5	3.6	2.9
12/25	2.5	2.5	2.5	2.7	2.5	2.4
12/26	2.3	2.1	2.5	2.2	2.4	2.4
12/27	2.4	2.4	2.4	2.6	2.8	2.6
12/28	2.6	2.5	2.2	2.0	2.0	2.3
12/29	2.3	1.7	1.2	1.2	1.1	1.1
12/30	1.0	1.5	1.4	1.3	1.3	1.6
12/31	1.4	1.3	1.3	1.6	1.0	1.1
<b>MIN</b>	<b>1.0</b>	<b>1.3</b>	<b>1.2</b>	<b>1.2</b>	<b>1.0</b>	<b>1.1</b>
<b>MAX</b>	<b>4.1</b>	<b>3.9</b>	<b>3.9</b>	<b>4.5</b>	<b>4.2</b>	<b>4.3</b>
<b>AVG</b>	<b>2.9</b>	<b>2.8</b>	<b>2.7</b>	<b>2.7</b>	<b>2.7</b>	<b>2.9</b>

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

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
12/01/20	12:00 AM	0.1205	OFF	0.1050	0.1071	OFF	0.0878
	4:00 AM	0.1141	OFF	0.0980	0.1010	OFF	0.0815
	8:00 AM	0.1135	OFF	0.0957	0.0994	OFF	0.0792
	12:00 PM	0.1197	OFF	0.0975	0.1010	OFF	0.0780
	4:00 PM	0.1176	OFF	0.0938	0.0977	OFF	0.0746
	8:00 PM	0.1148	OFF	0.0894	0.0942	OFF	0.0677
	AVG	0.1167	OFF	0.0965	0.1001	OFF	0.0781
12/02/20	12:00 AM	0.1146	OFF	0.0869	0.0920	OFF	0.0684
	4:00 AM	0.1154	OFF	0.0838	0.0893	OFF	0.0650
	8:00 AM	0.1131	OFF	0.0809	0.0869	OFF	0.0633
	12:00 PM	0.1222	OFF	0.0832	0.0888	OFF	0.0653
	4:00 PM	0.1441	OFF	0.0875	0.0928	OFF	0.0697
	8:00 PM	0.1510	OFF	0.0888	0.0942	OFF	0.0688
	AVG	0.1267	OFF	0.0852	0.0907	OFF	0.0668
12/03/20	12:00 AM	0.1499	OFF	0.0880	0.0943	OFF	0.0615
	4:00 AM	0.1423	OFF	0.0844	0.0914	OFF	0.0600
	8:00 AM	0.1569	OFF	0.0854	0.0931	OFF	0.0624
	12:00 PM	0.1717	OFF	0.0885	0.0965	OFF	0.0677
	4:00 PM	0.1881	OFF	0.0924	0.1013	OFF	0.0716
	8:00 PM	0.2154	OFF	0.0983	0.1099	OFF	0.0736
	AVG	0.1707	OFF	0.0895	0.0978	OFF	0.0662
12/04/20	12:00 AM	0.2485	OFF	0.1067	0.1217	OFF	0.0808
	4:00 AM	0.2218	OFF	0.1312	0.1253	OFF	0.0829
	8:00 AM	0.1129	OFF	0.1267	0.1300	OFF	0.0861
	12:00 PM	0.1131	OFF	0.1204	0.1412	OFF	0.0960
	4:00 PM	0.1066	OFF	0.1222	0.1466	OFF	0.1001
	8:00 PM	0.1081	OFF	0.1325	0.1618	OFF	0.1158
	AVG	0.1518	OFF	0.1233	0.1378	OFF	0.0936
12/05/20	12:00 AM	0.1277	OFF	0.1583	0.1773	OFF	0.1202
	4:00 AM	0.1371	OFF	0.1740	0.1810	OFF	0.1275
	8:00 AM	0.1324	OFF	0.1570	0.1705	OFF	0.0916
	12:00 PM	0.1070	OFF	0.1485	0.0965	OFF	0.0669
	4:00 PM	0.1127	OFF	0.1685	0.0957	OFF	0.0683
	8:00 PM	0.1139	OFF	0.1630	0.1007	OFF	0.0691
	AVG	0.1218	OFF	0.1616	0.1370	OFF	0.0906
12/06/20	12:00 AM	0.1167	OFF	0.1676	0.0948	OFF	0.0706
	4:00 AM	0.1332	OFF	0.1642	0.0948	OFF	0.0693
	8:00 AM	0.1401	OFF	0.0965	0.0980	OFF	0.0695
	12:00 PM	0.1484	OFF	0.0937	0.0965	OFF	0.0685
	4:00 PM	0.1579	OFF	0.0954	0.0973	OFF	0.0710
	8:00 PM	0.1631	OFF	0.0940	0.0966	OFF	0.0698
	AVG	0.1432	OFF	0.1186	0.0963	OFF	0.0698
12/07/20	12:00 AM	0.1864	OFF	0.0921	0.0952	OFF	0.0686
	4:00 AM	0.1794	OFF	0.0986	0.0996	OFF	0.0772
	8:00 AM	0.1587	OFF	0.0920	0.0952	OFF	0.0734
	12:00 PM	0.1788	OFF	0.0933	0.0966	OFF	0.0746
	4:00 PM	0.2322	OFF	0.1030	0.1170	OFF	0.0929
	8:00 PM	0.2438	OFF	0.1015	0.1165	OFF	0.0897
	AVG	0.1966	OFF	0.0968	0.1034	OFF	0.0794
12/08/20	12:00 AM	0.2659	OFF	0.1048	0.1130	OFF	0.0845
	4:00 AM	0.2644	OFF	0.1095	0.1158	OFF	0.0955
	8:00 AM	0.2804	OFF	0.1158	0.1210	OFF	0.1033
	12:00 PM	0.3219	OFF	0.1235	0.1209	OFF	0.1218
	4:00 PM	0.1293	OFF	0.1063	0.1110	OFF	0.0941
	8:00 PM	0.1230	OFF	0.1054	0.1078	OFF	0.1021
	AVG	0.2308	OFF	0.1109	0.1149	OFF	0.1002

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

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
12/09/20	12:00 AM	0.1297	OFF	0.1066	0.1083	OFF	0.1019
	4:00 AM	0.1337	OFF	0.1057	0.1067	OFF	0.0994
	8:00 AM	0.1285	OFF	0.1172	0.1245	OFF	OFF
	12:00 PM	0.1176	OFF	OFF	0.1106	OFF	0.0767
	4:00 PM	0.1233	OFF	0.0981	0.1031	OFF	0.0781
	8:00 PM	0.1252	OFF	0.0963	0.1010	OFF	0.0786
	AVG	0.1263	OFF	0.1052	0.1090	OFF	0.0900
12/10/20	12:00 AM	0.1216	OFF	0.0933	0.0999	OFF	0.0690
	4:00 AM	0.1537	OFF	0.1136	0.1211	OFF	0.0889
	8:00 AM	0.1549	OFF	0.1128	0.1264	OFF	0.0887
	12:00 PM	0.1620	OFF	0.1159	0.1300	OFF	0.0938
	4:00 PM	0.1576	OFF	0.1116	0.1162	OFF	0.0891
	8:00 PM	0.1759	OFF	0.1117	0.1141	OFF	0.0925
	AVG	0.1543	OFF	0.1098	0.1179	OFF	0.0870
12/11/20	12:00 AM	0.1745	OFF	0.1081	0.1103	OFF	0.0871
	4:00 AM	0.1719	OFF	0.1084	0.1104	OFF	0.0880
	8:00 AM	0.1564	OFF	0.1074	0.1073	OFF	0.0906
	12:00 PM	0.1018	OFF	0.0971	0.1004	OFF	0.0819
	4:00 PM	0.1008	OFF	0.0960	0.0982	OFF	0.0785
	8:00 PM	0.1050	OFF	0.0985	0.0985	OFF	0.0804
	AVG	0.1351	OFF	0.1026	0.1042	OFF	0.0844
12/12/20	12:00 AM	0.1086	OFF	0.0996	0.0971	OFF	0.0801
	4:00 AM	0.1099	OFF	0.1155	0.0985	OFF	0.0886
	8:00 AM	0.1144	OFF	0.0969	0.0997	OFF	0.0791
	12:00 PM	0.1097	OFF	0.0928	0.1008	OFF	0.0739
	4:00 PM	0.1194	OFF	0.0960	0.1018	OFF	0.0774
	8:00 PM	0.1263	OFF	0.0943	0.1007	OFF	0.0776
	AVG	0.1147	OFF	0.0992	0.0997	OFF	0.0794
12/13/20	12:00 AM	0.1432	OFF	0.1007	0.1143	OFF	0.0759
	4:00 AM	0.1546	OFF	0.1033	0.1099	OFF	0.0806
	8:00 AM	0.1565	OFF	0.1043	0.1098	OFF	0.0834
	12:00 PM	0.1162	OFF	0.1003	0.1074	OFF	0.0826
	4:00 PM	0.1132	OFF	0.1015	0.1083	OFF	0.0857
	8:00 PM	0.1070	OFF	0.0989	0.1053	OFF	0.0818
	AVG	0.1318	OFF	0.1015	0.1092	OFF	0.0817
12/14/20	12:00 AM	0.1140	OFF	0.0967	0.1031	OFF	0.0793
	4:00 AM	0.1218	OFF	0.1089	0.1077	OFF	0.0848
	8:00 AM	0.1261	OFF	0.1058	0.1084	OFF	0.0836
	12:00 PM	0.1251	OFF	0.1011	0.1163	OFF	0.0780
	4:00 PM	0.1292	OFF	0.0983	0.1114	OFF	0.0884
	8:00 PM	0.1347	OFF	0.0975	0.1063	OFF	0.0835
	AVG	0.1252	OFF	0.1014	0.1089	OFF	0.0829
12/15/20	12:00 AM	0.1837	OFF	0.1115	0.1240	OFF	0.0954
	4:00 AM	0.2283	OFF	0.1253	0.1375	OFF	0.1076
	8:00 AM	0.2185	OFF	0.1223	0.1258	OFF	0.1048
	12:00 PM	0.1749	OFF	0.0995	0.1013	OFF	0.0819
	4:00 PM	0.1034	OFF	0.0887	0.0957	OFF	0.0732
	8:00 PM	0.1220	OFF	0.0991	0.1120	OFF	0.0791
	AVG	0.1718	OFF	0.1077	0.1161	OFF	0.0904
12/16/20	12:00 AM	0.1310	OFF	0.1031	0.1091	OFF	0.0813
	4:00 AM	0.1322	OFF	0.1024	0.1067	OFF	0.0781
	8:00 AM	0.1333	OFF	0.1042	0.1066	OFF	0.0832
	12:00 PM	0.1300	OFF	0.1081	0.1075	OFF	0.0811
	4:00 PM	0.1320	OFF	0.1199	0.1124	OFF	0.0882
	8:00 PM	0.1180	OFF	0.1038	0.1245	OFF	0.0788
	AVG	0.1294	OFF	0.1069	0.1111	OFF	0.0818



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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
12/17/20	12:00 AM	0.1240	OFF	0.0990	0.1051	OFF	0.0788
	4:00 AM	0.1190	OFF	0.1092	0.1138	OFF	0.0931
	8:00 AM	0.1690	OFF	0.1146	0.1216	OFF	0.1029
	12:00 PM	0.2240	OFF	0.1029	0.1125	OFF	0.0901
	4:00 PM	0.1150	OFF	0.1005	0.1098	OFF	0.0942
	8:00 PM	0.1070	OFF	0.0962	0.1046	OFF	0.0964
	AVG	0.1430	OFF	0.1037	0.1112	OFF	0.0926
12/18/20	12:00 AM	0.1780	OFF	0.0972	0.1059	OFF	0.0937
	4:00 AM	0.2130	OFF	0.0996	0.1103	OFF	0.1036
	8:00 AM	0.2340	OFF	0.0977	0.1101	OFF	0.1062
	12:00 PM	0.2680	OFF	0.1026	0.1192	OFF	0.1163
	4:00 PM	0.2870	OFF	0.1007	0.1203	OFF	0.1217
	8:00 PM	0.2890	OFF	0.1003	0.1251	OFF	0.1256
	AVG	0.2448	OFF	0.0997	0.1151	OFF	0.1112
12/19/20	12:00 AM	0.2450	OFF	0.0987	0.1310	OFF	0.1338
	4:00 AM	OFF	OFF	0.1187	0.1302	OFF	0.1122
	8:00 AM	0.0940	OFF	0.0892	0.1182	OFF	0.0965
	12:00 PM	0.1210	OFF	0.0917	0.1221	OFF	OFF
	4:00 PM	0.1050	OFF	0.0905	0.1191	OFF	OFF
	8:00 PM	0.1220	OFF	0.0916	0.1231	OFF	OFF
	AVG	0.1374	OFF	0.0967	0.1239	OFF	0.1142
12/20/20	12:00 AM	0.1294	OFF	0.0892	0.1220	OFF	OFF
	4:00 AM	0.1231	OFF	0.0979	0.1219	OFF	OFF
	8:00 AM	0.1020	OFF	0.0878	0.0923	OFF	OFF
	12:00 PM	0.1240	OFF	0.0903	0.0893	OFF	OFF
	4:00 PM	0.1350	OFF	0.0941	0.0906	OFF	OFF
	8:00 PM	0.1040	OFF	0.0991	0.0909	OFF	OFF
	AVG	0.1196	OFF	0.0931	0.1012	OFF	OFF
12/21/20	12:00 AM	0.1120	OFF	0.1016	0.0904	OFF	OFF
	4:00 AM	0.1090	OFF	0.1071	0.0916	OFF	OFF
	8:00 AM	0.1460	OFF	0.1092	0.0934	OFF	OFF
	12:00 PM	0.1310	OFF	0.1089	0.0931	OFF	OFF
	4:00 PM	0.1020	OFF	0.1207	0.0940	OFF	OFF
	8:00 PM	0.1040	OFF	0.1347	0.0948	OFF	OFF
	AVG	0.1173	OFF	0.1137	0.0929	OFF	OFF
12/22/20	12:00 AM	0.1070	OFF	0.1439	0.0957	OFF	OFF
	4:00 AM	0.1100	OFF	0.1522	0.0973	OFF	OFF
	8:00 AM	0.2230	OFF	0.1429	0.0955	OFF	OFF
	12:00 PM	0.1360	OFF	0.1337	0.0919	OFF	OFF
	4:00 PM	0.1280	OFF	0.1489	0.0955	OFF	OFF
	8:00 PM	0.1240	OFF	0.1597	0.0977	OFF	OFF
	AVG	0.1380	OFF	0.1469	0.0956	OFF	OFF
12/23/20	12:00 AM	0.1190	OFF	0.1595	0.0994	OFF	OFF
	4:00 AM	0.1370	OFF	0.1613	0.1040	OFF	OFF
	8:00 AM	0.2400	OFF	0.1558	0.1061	OFF	OFF
	12:00 PM	OFF	OFF	0.1541	0.1143	OFF	OFF
	4:00 PM	0.1010	OFF	0.0861	0.0998	OFF	OFF
	8:00 PM	0.1020	OFF	0.0856	0.1065	OFF	OFF
	AVG	0.1398	OFF	0.1337	0.1050	OFF	OFF
12/24/20	12:00 AM	0.1190	OFF	0.0928	0.1289	OFF	OFF
	4:00 AM	0.1320	OFF	0.1078	0.1350	OFF	OFF
	8:00 AM	0.1270	OFF	0.1066	0.1078	OFF	OFF
	12:00 PM	0.1300	OFF	0.0993	0.1021	OFF	OFF
	4:00 PM	0.1170	OFF	0.0991	0.1011	OFF	OFF
	8:00 PM	0.1110	OFF	0.1234	0.1172	OFF	OFF
	AVG	0.1227	OFF	0.1048	0.1153	OFF	OFF

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

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
12/25/20	12:00 AM	0.1420	OFF	0.1568	0.1389	OFF	OFF
	4:00 AM	0.1470	OFF	0.1548	0.1362	OFF	OFF
	8:00 AM	0.1780	OFF	0.1371	0.1230	OFF	OFF
	12:00 PM	0.1610	OFF	0.1567	0.1521	OFF	OFF
	4:00 PM	0.2770	OFF	0.2842	0.2135	OFF	OFF
	8:00 PM	OFF	OFF	0.2206	0.2034	OFF	OFF
	AVG	0.1810	OFF	0.1850	0.1612	OFF	OFF
12/26/20	12:00 AM	0.2370	OFF	0.2254	0.1726	OFF	OFF
	4:00 AM	0.2180	OFF	0.2157	0.1597	OFF	OFF
	8:00 AM	0.1900	OFF	0.1807	0.1359	OFF	OFF
	12:00 PM	0.1610	OFF	0.1702	0.1303	OFF	OFF
	4:00 PM	0.1770	OFF	0.2019	0.1478	OFF	OFF
	8:00 PM	0.1620	OFF	0.2371	0.1692	OFF	OFF
	AVG	0.1908	OFF	0.2052	0.1526	OFF	OFF
12/27/20	12:00 AM	0.1860	OFF	0.2388	0.1734	OFF	OFF
	4:00 AM	0.2020	OFF	0.2004	0.2454	OFF	OFF
	8:00 AM	0.1330	OFF	0.1029	0.1058	OFF	OFF
	12:00 PM	0.1770	OFF	0.0953	0.0997	OFF	OFF
	4:00 PM	0.1700	OFF	0.0907	0.0958	OFF	OFF
	8:00 PM	0.1130	OFF	0.1337	0.1323	OFF	OFF
	AVG	0.1635	OFF	0.1436	0.1420	OFF	OFF
12/28/20	12:00 AM	0.1070	OFF	0.1010	0.1050	OFF	OFF
	4:00 AM	0.1090	OFF	0.1080	0.1120	OFF	OFF
	8:00 AM	OFF	OFF	0.3488	0.3366	OFF	OFF
	12:00 PM	0.7350	OFF	0.3572	0.4000	OFF	OFF
	4:00 PM	OFF	OFF	0.3734	0.6061	OFF	OFF
	8:00 PM	0.1320	OFF	0.0977	0.1011	OFF	OFF
	AVG	0.2708	OFF	0.2310	0.2768	OFF	OFF
12/29/20	12:00 AM	0.1890	OFF	0.0836	0.0883	OFF	OFF
	4:00 AM	0.1550	OFF	0.0797	0.0849	OFF	OFF
	8:00 AM	0.1090	OFF	0.0847	0.0888	OFF	OFF
	12:00 PM	0.2590	OFF	0.1441	0.1315	OFF	OFF
	4:00 PM	0.3270	OFF	0.1572	0.1389	OFF	OFF
	8:00 PM	0.3630	OFF	0.1925	0.1551	OFF	OFF
	AVG	0.2337	OFF	0.1236	0.1146	OFF	OFF
12/30/20	12:00 AM	OFF	OFF	0.1930	0.1534	OFF	OFF
	4:00 AM	0.1970	OFF	0.2158	0.1635	OFF	OFF
	8:00 AM	0.1430	OFF	0.2507	0.1823	OFF	OFF
	12:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	4:00 PM	0.1880	OFF	0.1859	0.1649	OFF	OFF
	8:00 PM	0.2670	OFF	0.2875	0.2570	OFF	OFF
	AVG	0.1988	OFF	0.2386	0.2029	OFF	OFF
12/31/20	12:00 AM	0.4420	OFF	0.3458	0.3330	OFF	OFF
	4:00 AM	0.5230	OFF	0.1341	0.3084	OFF	OFF
	8:00 AM	0.1340	OFF	0.0937	0.1145	OFF	OFF
	12:00 PM	0.1050	OFF	0.0884	0.0931	OFF	OFF
	4:00 PM	0.1580	OFF	0.1024	0.1061	OFF	OFF
	8:00 PM	0.2100	OFF	0.1044	0.1075	OFF	OFF
	AVG	0.2620	OFF	0.1448	0.1771	OFF	OFF

## OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02 Month Of December 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 (%)
12/1/2020	24.0	3006250	27	3	85	OFFLINE					24.0	2998300	28	3	89
12/2/2020	24.0	2982026	28	3	85						24.0	2991485	29	3	89
12/3/2020	24.0	3058239	27	3	85						24.0	2967657	29	3	89
12/4/2020	22.8	2793584	28	3	85						24.0	3186660	28	3	89
12/5/2020	24.0	3012591	28	3	85						24.0	3098493	27	3	89
12/6/2020	24.0	2513648	31	3	85						23.2	2868107	120	3	89
12/7/2020	24.0	3000557	27	3	85						24.0	2962988	29	3	89
12/8/2020	21.8	2907845	29	3	85						23.8	3035016	120	3	89
12/9/2020	24.0	2733109	29	3	85						22.9	2678257	177	3	89
12/10/2020	24.0	2266039	33	2	85						24.0	3382107	26	3	89
12/11/2020	22.4	2399240	30	2	85						24.0	3276919	27	3	89
12/12/2020	24.0	2962461	28	3	85						23.0	2924885	153	3	89
12/13/2020	22.8	2841565	26	3	85						24.0	3061138	28	3	89
12/14/2020	24.0	3033152	27	3	85						22.6	2856101	210	3	89
12/15/2020	21.8	3298750	27	3	85						23.6	2930822	155	3	89
12/16/2020	24.0	3196487	26	3	85						22.5	2832041	200	3	89
12/17/2020	24.0	2905595	28	3	85						24.0	2993725	29	3	89
12/18/2020	24.0	2538370	30	3	85						24.0	2980746	29	3	89
12/19/2020	23.2	3209604	26	3	85						24.0	3396663	27	3	89
12/20/2020	24.0	3642326	25	4	85						24.0	3470940	26	4	89
12/21/2020	24.0	3606230	25	4	85						24.0	3425477	26	3	89
12/22/2020	24.0	3526006	24	4	85						24.0	3431659	25	3	89
12/23/2020	22.8	2997440	28	3	85						22.3	3292823	198	3	89
12/24/2020	24.0	2935628	28	3	85						24.0	4083797	23	4	89
12/25/2020	22.9	2695233	27	3	85						24.0	4176814	22	4	89
12/26/2020	24.0	3599531	24	4	85						24.0	3497414	24	4	89
12/27/2020	24.0	3163704	26	3	85						22.9	3752952	171	4	89
12/28/2020	16.8	1884298	22	2	85						20.6	2641602	440	3	89
12/29/2020	22.8	3191886	24	3	85						23.8	3278820	72	3	89
12/30/2020	19.7	2640968	22	3	85						22.0	3416798	262	3	89
12/31/2020	22.2	3452710	24	4	85						22.3	3516660	25	4	89

## OB Curtis Conventional (TF082) UV Compliance

System ID 250008-02

Month Of December 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 (%)					
12/1/2020	24.0	3269188	27	3	95	OFFLINE					24.0	3241245	38	3	85					
12/2/2020	24.0	3258922	27	3	95						24.0	3239607	39	3	85					
12/3/2020	24.0	3156307	28	3	95						24.0	3208127	39	3	85					
12/4/2020	24.0	3286069	27	3	95						24.0	3257087	38	3	85					
12/5/2020	19.3	2803131	30	3	95						22.7	2862455	41	3	85					
12/6/2020	24.0	2980485	29	3	95						24.0	3227582	39	3	85					
12/7/2020	23.2	2963603	28	3	95						24.0	3205234	39	3	85					
12/8/2020	23.8	3219523	28	3	95						23.8	3262327	42	3	85					
12/9/2020	24.0	3050469	29	3	95						22.7	2377784	68	2	85					
12/10/2020	22.2	3338945	25	3	95						24.0	3643240	35	4	85					
12/11/2020	24.0	3554979	26	4	95						24.0	3533430	36	4	85					
12/12/2020	22.6	3089477	27	3	95						23.1	3156240	38	3	85					
12/13/2020	24.0	3331926	27	3	95						24.0	3310525	38	3	85					
12/14/2020	24.0	3240344	27	3	95						22.8	3116901	39	3	85					
12/15/2020	23.2	2891778	31	3	95						22.3	3167370	46	3	85					
12/16/2020	24.0	3129638	28	3	95						11.9	3282146	35	3	85					
12/17/2020	24.0	3008613	29	3	95						24.0	3242409	35	3	85					
12/18/2020	24.0	2845138	30	3	95						24.0	3219887	35	3	85					
12/19/2020	24.0	3469151	26	4	95						9.1	1384896	17	1	85					
12/20/2020	22.9	3438769	26	3	95						OFFLINE									
12/21/2020	24.0	3632927	26	4	95															
12/22/2020	24.0	3693457	25	4	95															
12/23/2020	24.0	4583825	24	5	95															
12/24/2020	23.0	3989787	23	4	95															
12/25/2020	24.0	4346857	22	4	95															
12/26/2020	24.0	3652217	25	4	95															
12/27/2020	22.6	3734181	25	4	95															
12/28/2020	22.7	2843826	29	3	95															
12/29/2020	23.8	3456253	27	4	95															
12/30/2020	12.2	3478197	49	4	95															
12/31/2020	24.0	3229881	92	3	95															

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

**System ID**                    **250008-02**  
**Month of**                    **December 2020**

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

2. Percentage of turbidity that were equal to or less than the turbidity limit of 0.3 NTU. 100.0%

3. Number of filters that exceeded 0.5 NTU in 2 consecutive readings taken 15 min. apart after first four hours of operation. NONE

4. Number of filters that exceeded 1.0 NTU in 2 consecutive readings taken 15 min. apart in 3 consecutive months. NONE

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

1	2.7	7	2.6	13	3.3	19	3.0	25	2.3
2	3.0	8	2.0	14	2.7	20	2.7	26	1.7
3	2.9	9	2.3	15	1.5	21	3.1	27	2.6
4	2.6	10	2.8	16	3.2	22	2.8	28	3.0
5	2.8	11	1.3	17	4.1	23	1.3	29	1.4
6	2.3	12	1.6	18	3.1	24	2.8	30	1.0
								31	0.9

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. 12/26/2020

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

**System ID**  
**Month Of**

**250008-02**  
**December 2020**

Dec. 2020	TURBIDITIES (NTU)		
	RAW	TRAINS	FINISHED
12/1	7.4400	0.1348	0.1291
12/2	6.8600	0.1305	0.1284
12/3	6.5500	0.1338	0.0956
12/4	6.3100	0.1260	0.1159
12/5	6.5500	0.1427	0.2397
12/6	6.7300	0.1204	0.0966
12/7	6.8000	0.1277	0.1094
12/8	7.6400	0.1403	0.1388
12/9	7.9500	0.0886	0.0978
12/10	7.5800	0.1260	0.1503
12/11	7.3400	0.1085	0.1803
12/12	6.2100	0.0869	0.0997
12/13	5.6900	0.0840	0.2441
12/14	5.4800	0.0862	0.2120
12/15	7.1900	0.0858	0.1825
12/16	5.7800	0.1145	0.1409
12/17	7.0900	0.0957	0.1103
12/18	6.2400	0.1009	0.1338
12/19	6.1900	0.1025	0.1319
12/20	6.2000	0.1022	0.1137
12/21	6.5200	0.1036	0.1153
12/22	6.7100	0.1187	0.1184
12/23	6.8700	0.1133	0.1316
12/24	7.2700	0.1150	0.0859
12/25	11.4000	0.1198	0.0919
12/26	10.2000	0.1198	0.2231
12/27	10.2000	0.1398	0.1347
12/28	17.9000	0.1232	0.1759
12/29	14.5000	0.0820	0.2763
12/30	17.2000	0.0620	0.1878
12/31	22.3000	0.0910	0.1641
<b>MIN</b>	<b>5.4800</b>	<b>0.0620</b>	<b>0.0859</b>
<b>MAX</b>	<b>22.3000</b>	<b>0.1427</b>	<b>0.2763</b>
<b>AVG</b>	<b>8.5448</b>	<b>0.1105</b>	<b>0.1470</b>

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

System ID  
Month Of

250008-02  
December 2020

Dec. 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
12/1	0.0928	0.1019	0.1291	0.0969	0.0925	0.1009
12/2	0.1044	0.0953	0.0853	0.1284	0.0778	0.0878
12/3	0.0956	0.0891	0.0794	0.0825	0.0784	0.0947
12/4	0.1159	0.1106	0.0884	0.0981	0.0888	0.1028
12/5	0.1119	0.1191	0.1203	0.0925	0.0897	0.2397
12/6	0.0966	0.0806	0.0850	0.0859	0.0847	0.0794
12/7	0.0881	0.0841	0.0700	0.1094	0.0991	0.0900
12/8	0.1016	0.1053	0.0781	0.0897	0.1097	0.1388
12/9	0.0962	0.0847	0.0809	0.0953	0.0800	0.0978
12/10	0.1031	0.0831	0.0888	0.1503	0.1216	0.0928
12/11	0.1178	0.0994	0.0844	0.1803	0.1003	0.0969
12/12	0.0894	0.0875	0.0900	0.0803	0.0834	0.0997
12/13	0.1088	0.0884	0.0819	0.0903	0.2441	0.0828
12/14	0.0870	0.0830	0.2120	0.1470	0.1770	0.0820
12/15	0.0600	0.0720	0.0820	0.0844	0.1825	0.1097
12/16	0.0828	0.1409	0.0828	0.0775	0.0809	0.1163
12/17	0.0766	0.0794	0.0800	0.0825	0.1103	0.0731
12/18	0.0681	0.0819	0.0819	0.1338	0.0994	0.1228
12/19	0.1303	0.1306	0.1319	0.1147	0.0972	0.1109
12/20	0.0956	0.1072	0.1028	0.0903	0.1137	0.0947
12/21	0.0903	0.0797	0.0781	0.0866	0.0894	0.1153
12/22	0.1184	0.1100	0.0850	0.0866	0.0972	0.0869
12/23	0.0778	0.0775	0.0756	0.1316	0.0750	0.0781
12/24	0.0794	0.0744	0.0763	0.0859	0.0766	0.0747
12/25	0.0734	0.0913	0.0869	0.0919	0.0891	0.0800
12/26	0.1706	0.2231	0.1887	0.1047	0.1025	0.0822
12/27	0.1347	0.1300	0.0800	0.1178	0.1100	0.1187
12/28	0.1247	0.1022	0.0897	0.0894	0.0953	0.1759
12/29	0.2362	0.2763	0.1284	0.1112	0.1906	0.2256
12/30	0.1587	0.0872	0.1878	0.1419	0.1753	0.1541
12/31	0.1194	0.1031	0.1641	0.1428	0.1169	0.0969
<b>MIN</b>	<b>0.0600</b>	<b>0.0720</b>	<b>0.0700</b>	<b>0.0775</b>	<b>0.0750</b>	<b>0.0731</b>
<b>MAX</b>	<b>0.2362</b>	<b>0.2763</b>	<b>0.2120</b>	<b>0.1803</b>	<b>0.2441</b>	<b>0.2397</b>
<b>AVG</b>	<b>0.1067</b>	<b>0.1058</b>	<b>0.1024</b>	<b>0.1065</b>	<b>0.1106</b>	<b>0.1097</b>

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

**System ID**  
**Month Of**

**250008-02**  
**December 2020**

Dec. 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
12/1	2.9	3.1	2.7	3.3	3.3	3.1
12/2	3.2	3.3	3.9	3.3	3.1	3.0
12/3	3.2	3.8	3.2	3.3	3.0	2.9
12/4	3.1	3.2	3.2	3.2	2.6	3.6
12/5	3.7	3.2	2.8	3.3	2.9	2.9
12/6	2.8	2.7	2.8	2.3	2.5	2.6
12/7	2.8	2.6	3.4	2.8	2.7	2.8
12/8	2.9	2.8	3.0	2.5	2.3	2.0
12/9	2.3	3.2	4.0	3.2	2.9	3.1
12/10	3.0	3.6	2.8	2.9	3.2	3.3
12/11	3.1	2.0	1.9	1.6	1.3	1.7
12/12	3.5	2.4	1.6	1.6	1.6	2.4
12/13	3.4	3.9	3.3	4.0	3.8	3.6
12/14	3.4	3.2	3.4	3.3	2.9	2.7
12/15	2.6	2.5	1.8	1.9	1.5	1.6
12/16	3.2	4.2	4.1	4.4	4.3	4.2
12/17	4.6	4.5	4.4	5.4	4.1	4.2
12/18	3.4	3.5	3.2	3.3	3.1	3.5
12/19	3.8	3.7	3.1	3.2	3.0	3.5
12/20	3.5	3.4	3.4	3.3	3.1	2.7
12/21	3.1	3.3	3.1	3.1	3.2	3.6
12/22	3.9	3.8	3.0	2.9	2.8	2.9
12/23	2.6	2.5	2.1	1.3	1.4	2.5
12/24	2.8	4.3	5.0	5.2	4.5	4.2
12/25	3.0	3.4	2.9	2.4	2.3	3.9
12/26	3.4	2.9	2.6	1.7	2.1	2.6
12/27	3.2	3.2	2.6	2.9	3.2	3.5
12/28	3.7	4.0	3.2	3.0	3.1	3.2
12/29	3.1	3.3	2.5	1.5	1.4	1.6
12/30	1.5	1.3	1.0	1.1	1.1	1.0
12/31	0.9	0.9	1.0	1.3	2.7	3.5
<b>MIN</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>
<b>MAX</b>	<b>4.6</b>	<b>4.5</b>	<b>5.0</b>	<b>5.4</b>	<b>4.5</b>	<b>4.2</b>
<b>AVG</b>	<b>3.1</b>	<b>3.1</b>	<b>2.9</b>	<b>2.9</b>	<b>2.7</b>	<b>3.0</b>



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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
12/1/2020	12:00 AM	OFF	OFF	0.0694	0.0430	OFF	0.1191
	04:00 AM	OFF	OFF	0.0734	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0641	0.0553	OFF	0.1010
	12:00 PM	OFF	OFF	OFF	0.0562	OFF	0.1348
	04:00 PM	OFF	OFF	0.0707	0.0559	OFF	0.0930
	08:00 PM	OFF	OFF	0.0665	0.0546	OFF	0.0970
	AVG	OFF	OFF	0.0688	0.0530	OFF	0.1090
12/2/2020	12:00 AM	OFF	OFF	OFF	0.0461	OFF	0.0700
	04:00 AM	OFF	OFF	0.0765	0.0502	OFF	OFF
	08:00 AM	OFF	OFF	0.0735	0.0541	OFF	0.0975
	12:00 PM	OFF	OFF	OFF	0.0540	OFF	OFF
	04:00 PM	OFF	OFF	0.0671	0.0514	OFF	0.1305
	08:00 PM	OFF	OFF	0.0575	0.0520	OFF	0.0990
	AVG	OFF	OFF	0.0687	0.0513	OFF	0.0993
12/3/2020	12:00 AM	OFF	OFF	OFF	0.0473	OFF	0.1040
	04:00 AM	OFF	OFF	0.0586	0.0487	OFF	0.0840
	08:00 AM	OFF	OFF	OFF	0.0493	OFF	0.0820
	12:00 PM	OFF	OFF	OFF	0.0496	OFF	OFF
	04:00 PM	OFF	OFF	OFF	0.0522	OFF	0.0572
	08:00 PM	OFF	OFF	0.1338	0.0767	OFF	OFF
	AVG	OFF	OFF	0.0962	0.0540	OFF	0.0818
12/4/2020	12:00 AM	OFF	OFF	0.1090	OFF	OFF	0.0721
	04:00 AM	OFF	OFF	0.1032	0.0471	OFF	0.0821
	08:00 AM	OFF	OFF	0.0944	0.0474	OFF	0.0905
	12:00 PM	OFF	OFF	OFF	OFF	OFF	0.0991
	04:00 PM	OFF	OFF	0.1260	OFF	OFF	0.1090
	08:00 PM	OFF	OFF	0.1229	OFF	OFF	0.1168
	AVG	OFF	OFF	0.1111	0.0473	OFF	0.0949
12/5/2020	12:00 AM	OFF	OFF	0.1168	0.0415	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.1270
	08:00 AM	OFF	OFF	0.1137	OFF	OFF	0.1326
	12:00 PM	OFF	OFF	OFF	OFF	OFF	0.1361
	04:00 PM	OFF	OFF	0.0530	OFF	OFF	0.1427
	08:00 PM	OFF	OFF	0.0890	0.0410	OFF	OFF
	AVG	OFF	OFF	0.0931	0.0413	OFF	0.1346
12/6/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0930
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0970
	08:00 AM	OFF	OFF	0.1204	0.0425	OFF	0.0590
	12:00 PM	OFF	OFF	OFF	0.0422	OFF	0.0910
	04:00 PM	OFF	OFF	0.0756	OFF	OFF	0.0855
	08:00 PM	OFF	OFF	0.0525	0.0418	OFF	OFF
	AVG	OFF	OFF	0.0828	0.0422	OFF	0.0851
12/7/2020	12:00 AM	OFF	OFF	0.0871	OFF	OFF	0.0845
	04:00 AM	OFF	OFF	0.0974	0.0422	OFF	0.0966
	08:00 AM	OFF	OFF	OFF	0.0419	OFF	0.1032
	12:00 PM	OFF	OFF	OFF	0.0426	OFF	0.1094
	04:00 PM	OFF	OFF	0.0544	OFF	OFF	0.1191
	08:00 PM	OFF	OFF	OFF	OFF	OFF	0.1277
	AVG	OFF	OFF	0.0796	0.0422	OFF	0.1068
12/8/2020	12:00 AM	OFF	OFF	0.0983	0.0591	OFF	OFF
	04:00 AM	OFF	OFF	0.1026	OFF	OFF	0.1403
	08:00 AM	OFF	OFF	OFF	0.0394	OFF	0.1235
	12:00 PM	OFF	0.0790	OFF	OFF	OFF	0.0505
	04:00 PM	OFF	0.0764	0.0199	OFF	OFF	0.0507
	08:00 PM	OFF	OFF	0.0385	0.0304	OFF	OFF
	AVG	OFF	0.0777	0.0648	0.0430	OFF	0.0913

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
12/9/2020	12:00 AM	OFF	OFF	0.0199	0.0486	OFF	0.0528
	04:00 AM	OFF	0.0730	0.0220	OFF	OFF	0.0498
	08:00 AM	OFF	OFF	0.0197	0.0301	OFF	0.0497
	12:00 PM	OFF	OFF	0.0432	0.0319	OFF	0.0502
	04:00 PM	OFF	0.0886	OFF	OFF	OFF	0.0499
	08:00 PM	OFF	OFF	0.0338	0.0312	OFF	0.0550
	AVG	OFF	0.0808	0.0277	0.0355	OFF	0.0512
12/10/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0519
	04:00 AM	OFF	OFF	0.0197	0.0330	OFF	0.0500
	08:00 AM	OFF	OFF	0.0202	OFF	OFF	0.0518
	12:00 PM	OFF	0.1260	OFF	0.0299	OFF	OFF
	04:00 PM	OFF	0.0810	0.0227	OFF	OFF	0.0548
	08:00 PM	OFF	OFF	0.0268	0.0298	OFF	0.0548
	AVG	OFF	0.1035	0.0224	0.0309	OFF	0.0527
12/11/2020	12:00 AM	OFF	OFF	OFF	0.0482	OFF	0.0543
	04:00 AM	OFF	0.0890	0.0198	OFF	OFF	0.0540
	08:00 AM	OFF	0.0793	0.0198	OFF	OFF	0.0680
	12:00 PM	OFF	0.0786	OFF	0.0310	OFF	0.0660
	04:00 PM	OFF	OFF	0.0198	OFF	OFF	0.0533
	08:00 PM	OFF	0.1085	OFF	OFF	OFF	OFF
	AVG	OFF	0.0889	0.0198	0.0396	OFF	0.0591
12/12/2020	12:00 AM	OFF	0.0869	0.0201	OFF	OFF	0.0544
	04:00 AM	OFF	0.0808	OFF	0.0290	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0301	OFF	0.0537
	12:00 PM	OFF	OFF	0.0299	0.0289	OFF	0.0539
	04:00 PM	OFF	0.0805	0.0200	0.0337	OFF	OFF
	08:00 PM	OFF	0.0838	OFF	0.0291	OFF	OFF
	AVG	OFF	0.0830	0.0233	0.0302	OFF	0.0540
12/13/2020	12:00 AM	OFF	OFF	0.0202	OFF	OFF	0.0573
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0537
	08:00 AM	OFF	OFF	0.0314	0.0356	OFF	OFF
	12:00 PM	OFF	0.0824	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0202	OFF	OFF	OFF
	08:00 PM	OFF	0.0840	0.0202	0.0286	OFF	OFF
	AVG	OFF	0.0832	0.0230	0.0321	OFF	0.0555
12/14/2020	12:00 AM	OFF	0.0862	0.0203	OFF	OFF	0.0550
	04:00 AM	OFF	0.0833	0.0204	OFF	OFF	OFF
	08:00 AM	OFF	0.0835	0.0204	OFF	OFF	0.0552
	12:00 PM	OFF	0.0836	0.0351	0.0402	OFF	0.0561
	04:00 PM	OFF	0.0838	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.0842	0.0234	OFF	OFF	0.0572
	AVG	OFF	0.0841	0.0239	0.0402	OFF	0.0559
12/15/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0588
	04:00 AM	OFF	0.0858	0.0221	0.0297	OFF	OFF
	08:00 AM	OFF	OFF	0.0246	OFF	OFF	0.0586
	12:00 PM	OFF	OFF	OFF	0.0287	OFF	OFF
	04:00 PM	OFF	OFF	0.0208	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0259	0.0282	OFF	OFF
	AVG	OFF	0.0858	0.0234	0.0289	OFF	0.0587
12/16/2020	12:00 AM	OFF	OFF	0.0228	0.0742	OFF	OFF
	04:00 AM	OFF	OFF	0.0210	OFF	OFF	OFF
	08:00 AM	OFF	0.0895	0.0212	OFF	OFF	OFF
	12:00 PM	OFF	0.0895	0.0277	0.0277	OFF	0.0624
	04:00 PM	OFF	0.0898	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1145	0.0281	OFF	OFF	OFF
	AVG	OFF	0.0958	0.0242	0.0510	OFF	0.0624

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
12/17/2020	12:00 AM	OFF	OFF	0.0222	OFF	OFF	OFF
	04:00 AM	OFF	0.0953	0.0214	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0213	OFF	OFF	0.0555
	12:00 PM	OFF	0.0956	OFF	0.0324	OFF	OFF
	04:00 PM	OFF	0.0957	0.0215	OFF	OFF	0.0548
	08:00 PM	OFF	OFF	0.0215	0.0293	OFF	0.0576
	AVG	OFF	0.0955	0.0216	0.0309	OFF	0.0560
12/18/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0568
	08:00 AM	OFF	0.0987	0.0215	OFF	OFF	0.0539
	12:00 PM	OFF	0.0988	OFF	OFF	OFF	0.0544
	04:00 PM	OFF	0.0990	0.0218	OFF	OFF	0.0541
	08:00 PM	OFF	0.1009	0.0374	OFF	OFF	OFF
	AVG	OFF	0.0994	0.0269	OFF	OFF	0.0548
12/19/2020	12:00 AM	OFF	0.1005	OFF	OFF	OFF	0.0558
	04:00 AM	OFF	OFF	0.0217	OFF	OFF	0.0540
	08:00 AM	OFF	0.0997	0.0219	OFF	OFF	0.0550
	12:00 PM	OFF	0.0999	OFF	OFF	OFF	OFF
	04:00 PM	OFF	OFF	0.0219	OFF	OFF	OFF
	08:00 PM	OFF	0.1025	0.0237	OFF	OFF	OFF
	AVG	OFF	0.1007	0.0223	OFF	OFF	0.0549
12/20/2020	12:00 AM	OFF	OFF	0.0218	OFF	OFF	0.0551
	04:00 AM	OFF	0.1015	0.0223	OFF	OFF	0.0531
	08:00 AM	OFF	OFF	OFF	OFF	OFF	0.0531
	12:00 PM	OFF	0.1018	OFF	OFF	OFF	0.0528
	04:00 PM	OFF	0.1019	0.0219	OFF	OFF	0.0525
	08:00 PM	OFF	0.1022	OFF	OFF	OFF	0.0681
	AVG	OFF	0.1019	0.0220	OFF	OFF	0.0558
12/21/2020	12:00 AM	OFF	0.1031	0.0309	OFF	OFF	0.0537
	04:00 AM	OFF	0.1025	0.0233	OFF	OFF	0.0553
	08:00 AM	OFF	OFF	0.0223	OFF	OFF	0.0530
	12:00 PM	OFF	0.1032	OFF	OFF	OFF	0.0528
	04:00 PM	OFF	0.1034	OFF	OFF	OFF	OFF
	08:00 PM	OFF	0.1036	0.0346	OFF	OFF	0.0567
	AVG	OFF	0.1032	0.0278	OFF	OFF	0.0543
12/22/2020	12:00 AM	OFF	0.1187	0.0579	OFF	OFF	OFF
	04:00 AM	OFF	0.1073	OFF	OFF	OFF	0.0547
	08:00 AM	OFF	OFF	0.0222	0.0294	OFF	0.0524
	12:00 PM	OFF	0.1082	OFF	0.0303	OFF	0.0540
	04:00 PM	OFF	OFF	0.0225	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0228	0.0321	OFF	0.0590
	AVG	OFF	0.1114	0.0314	0.0306	OFF	0.0550
12/23/2020	12:00 AM	OFF	OFF	0.0228	OFF	OFF	0.0538
	04:00 AM	OFF	0.1122	OFF	0.0284	OFF	OFF
	08:00 AM	OFF	OFF	0.0231	OFF	OFF	0.0556
	12:00 PM	OFF	OFF	OFF	0.0288	OFF	0.0526
	04:00 PM	OFF	OFF	OFF	0.0497	OFF	OFF
	08:00 PM	OFF	0.1133	OFF	0.0285	OFF	OFF
	AVG	OFF	0.1128	0.0230	0.0339	OFF	0.0540
12/24/2020	12:00 AM	OFF	OFF	0.0234	0.0628	OFF	0.0814
	04:00 AM	OFF	0.1144	0.0234	OFF	OFF	0.0531
	08:00 AM	OFF	0.1142	OFF	OFF	OFF	OFF
	12:00 PM	OFF	0.1145	OFF	0.0285	OFF	0.0567
	04:00 PM	OFF	0.1147	OFF	0.0467	OFF	0.0527
	08:00 PM	OFF	0.1150	OFF	OFF	OFF	0.0638
	AVG	OFF	0.1146	0.0234	0.0460	OFF	0.0615

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
12/25/2020	12:00 AM	OFF	OFF	0.0235	0.0293	OFF	OFF
	04:00 AM	OFF	OFF	0.0402	OFF	OFF	0.0574
	08:00 AM	OFF	OFF	0.0232	0.0307	OFF	0.0523
	12:00 PM	OFF	0.1192	OFF	0.0285	OFF	0.0530
	04:00 PM	OFF	0.1198	0.0232	OFF	OFF	OFF
	08:00 PM	OFF	0.1189	OFF	0.0317	OFF	OFF
	AVG	OFF	0.1193	0.0275	0.0301	OFF	0.0542
12/26/2020	12:00 AM	OFF	0.1192	0.0379	OFF	OFF	0.0571
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0231	OFF	OFF	0.0523
	12:00 PM	OFF	0.1186	OFF	0.0286	OFF	0.0520
	04:00 PM	OFF	0.1187	0.0234	OFF	OFF	0.0540
	08:00 PM	OFF	0.1198	OFF	OFF	OFF	OFF
	AVG	OFF	0.1191	0.0281	0.0286	OFF	0.0539
12/27/2020	12:00 AM	OFF	0.1398	0.0460	0.0409	OFF	0.0562
	04:00 AM	OFF	0.1225	OFF	OFF	OFF	0.0532
	08:00 AM	OFF	0.1222	0.0241	0.0291	OFF	0.0525
	12:00 PM	OFF	0.1225	OFF	0.0289	OFF	OFF
	04:00 PM	OFF	0.1227	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0299	OFF	0.0582
	AVG	OFF	0.1259	0.0351	0.0322	OFF	0.0550
12/28/2020	12:00 AM	OFF	0.1232	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0265	0.0319	OFF	OFF
	08:00 AM	OFF	OFF	0.0225	0.0298	OFF	0.0553
	12:00 PM	OFF	0.1216	OFF	0.0294	OFF	OFF
	04:00 PM	OFF	0.1211	0.0228	OFF	OFF	0.0533
	08:00 PM	OFF	0.1216	0.0253	0.0305	OFF	0.0558
	AVG	OFF	0.1219	0.0243	0.0304	OFF	0.0548
12/29/2020	12:00 AM	OFF	OFF	0.0360	0.0362	OFF	OFF
	04:00 AM	OFF	OFF	0.0330	OFF	OFF	0.0544
	08:00 AM	OFF	OFF	OFF	OFF	OFF	0.0541
	12:00 PM	OFF	OFF	OFF	OFF	OFF	0.0549
	04:00 PM	OFF	OFF	0.0244	OFF	OFF	0.0562
	08:00 PM	OFF	0.0820	0.0264	OFF	OFF	0.0548
	AVG	OFF	0.0820	0.0300	0.0362	OFF	0.0549
12/30/2020	12:00 AM	OFF	OFF	0.0265	0.0309	OFF	OFF
	04:00 AM	OFF	0.0620	0.0251	0.0296	OFF	0.0549
	08:00 AM	OFF	OFF	0.0226	0.0305	OFF	OFF
	12:00 PM	OFF	0.0530	OFF	0.0433	OFF	0.0552
	04:00 PM	OFF	0.0530	0.0226	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0289	0.0439	OFF	OFF
	AVG	OFF	0.0560	0.0251	0.0356	OFF	0.0551
12/31/2020	12:00 AM	OFF	0.0860	0.0231	OFF	OFF	0.0566
	04:00 AM	OFF	0.0910	OFF	0.0329	OFF	OFF
	08:00 AM	OFF	OFF	0.0223	0.0325	OFF	0.0566
	12:00 PM	OFF	0.0780	OFF	0.0304	OFF	0.0624
	04:00 PM	OFF	0.0820	0.0249	0.0330	OFF	OFF
	08:00 PM	OFF	OFF	0.0254	OFF	OFF	OFF
	AVG	OFF	0.0843	0.0239	0.0322	OFF	0.0585

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

Date Time	Train 2 LRV	Date Time	Train 2 LRV	Date Time	Train 2 LRV	Date Time	Train 2 LRV
12/6/20 2:05 PM	3.643	12/12/20 9:45 PM	4.061	12/20/20 10:55 PM	4.360	12/26/20 10:10 PM	3.842
12/6/20 2:10 PM	0.000	12/12/20 9:50 PM	0.000	12/20/20 11:00 PM	0.000	12/26/20 10:20 PM	0.000
12/6/20 2:20 PM	-1.000	12/12/20 10:00 PM	-1.000	12/20/20 11:15 PM	-1.000	12/26/20 10:30 PM	-1.000
12/6/20 2:25 PM	3.629	12/12/20 10:05 PM	3.953	12/20/20 11:20 PM	0.000	12/26/20 10:35 PM	3.924
12/6/20 5:50 PM	3.629	12/12/20 10:25 PM	0.000	12/20/20 11:30 PM	-1.000	12/26/20 10:45 PM	0.000
12/6/20 5:55 PM	0.000	12/12/20 10:35 PM	-1.000	12/20/20 11:35 PM	0.000	12/26/20 10:55 PM	-1.000
12/6/20 6:05 PM	-1.000	12/12/20 10:40 PM	4.159	12/20/20 11:45 PM	-1.000	12/26/20 11:00 PM	4.037
12/6/20 6:10 PM	3.782	12/13/20 10:40 PM	4.159	12/20/20 11:50 PM	4.048	12/27/20 9:50 PM	4.037
12/6/20 11:25 PM	3.782	12/13/20 10:45 PM	0.000	12/21/20 10:05 PM	4.048	12/27/20 9:55 PM	0.000
12/6/20 11:30 PM	0.000	12/13/20 10:55 PM	-1.000	12/21/20 10:10 PM	0.000	12/27/20 10:05 PM	-1.000
12/6/20 11:45 PM	3.850	12/13/20 11:00 PM	4.024	12/21/20 10:20 PM	-1.000	12/27/20 10:10 PM	3.831
12/7/20 12:25 AM	3.850	12/14/20 9:40 PM	4.024	12/21/20 10:25 PM	0.000	12/27/20 10:15 PM	0.000
12/7/20 12:30 AM	0.000	12/14/20 9:45 PM	0.000	12/21/20 10:35 PM	-1.000	12/27/20 10:25 PM	-1.000
12/7/20 12:45 AM	-1.000	12/14/20 9:55 PM	-1.000	12/21/20 10:40 PM	3.958	12/27/20 10:30 PM	0.000
12/7/20 12:50 AM	3.877	12/14/20 10:00 PM	4.003	12/21/20 10:45 PM	0.000	12/27/20 10:45 PM	-1.000
12/7/20 2:15 AM	3.877	12/15/20 9:30 PM	4.003	12/21/20 10:55 PM	-1.000	12/27/20 10:50 PM	4.040
12/7/20 2:20 AM	0.000	12/15/20 9:35 PM	0.000	12/21/20 11:00 PM	4.050	12/28/20 10:30 PM	4.040
12/7/20 2:30 AM	-1.000	12/15/20 9:45 PM	-1.000	12/22/20 9:50 PM	4.050	12/28/20 10:35 PM	0.000
12/7/20 2:35 AM	4.267	12/15/20 9:50 PM	3.980	12/22/20 9:55 PM	0.000	12/28/20 10:50 PM	-1.000
12/7/20 9:45 AM	4.267	12/15/20 10:25 PM	3.980	12/22/20 10:05 PM	-1.000	12/28/20 10:55 PM	3.863
12/7/20 9:50 AM	0.000	12/15/20 10:30 PM	0.000	12/22/20 10:10 PM	3.879	12/29/20 12:00 AM	3.863
12/7/20 3:20 PM	0.000	12/15/20 10:40 PM	-1.000	12/22/20 10:15 PM	0.000	12/29/20 12:05 AM	0.000
12/7/20 3:25 PM	-1.000	12/15/20 10:45 PM	4.080	12/22/20 10:25 PM	-1.000	12/29/20 12:20 AM	-1.000
12/7/20 3:30 PM	3.921	12/16/20 9:50 PM	4.080	12/22/20 10:30 PM	3.956	12/29/20 12:25 AM	3.875
12/7/20 3:35 PM	0.000	12/16/20 9:55 PM	0.000	12/22/20 10:35 PM	0.000	12/29/20 12:30 AM	0.000
12/7/20 3:45 PM	-1.000	12/16/20 10:05 PM	-1.000	12/22/20 10:45 PM	-1.000	12/29/20 12:40 AM	-1.000
12/7/20 3:50 PM	3.802	12/16/20 10:10 PM	4.003	12/22/20 10:50 PM	4.041	12/29/20 12:45 AM	3.967
12/7/20 5:45 PM	3.802	12/17/20 9:55 PM	4.003	12/23/20 9:35 PM	4.041	12/29/20 12:50 AM	0.000
12/7/20 5:50 PM	0.000	12/17/20 10:00 PM	0.000	12/23/20 9:40 PM	0.000	12/29/20 1:00 AM	-1.000
12/7/20 6:00 PM	-1.000	12/17/20 10:10 PM	-1.000	12/23/20 9:50 PM	-1.000	12/29/20 1:05 AM	0.000
12/7/20 6:05 PM	3.795	12/17/20 10:15 PM	4.012	12/23/20 9:55 PM	3.888	12/29/20 1:15 AM	-1.000
12/8/20 9:40 AM	3.795	12/18/20 9:50 PM	4.012	12/23/20 10:00 PM	0.000	12/29/20 1:20 AM	3.984
12/8/20 9:45 AM	0.000	12/18/20 9:55 PM	0.000	12/23/20 10:10 PM	-1.000	12/29/20 4:20 AM	3.984
12/8/20 9:55 AM	-1.000	12/18/20 10:05 PM	-1.000	12/23/20 10:15 PM	3.936	12/29/20 4:25 AM	0.000
12/8/20 10:00 AM	4.135	12/18/20 10:10 PM	3.994	12/23/20 10:35 PM	3.936	12/29/20 4:35 AM	-1.000
12/8/20 9:40 PM	4.135	12/18/20 10:55 PM	3.994	12/23/20 10:40 PM	0.000	12/29/20 4:40 AM	3.834
12/8/20 9:45 PM	0.000	12/18/20 11:00 PM	0.000	12/23/20 10:50 PM	-1.000	12/29/20 6:10 AM	3.834
12/8/20 9:55 PM	-1.000	12/18/20 11:10 PM	-1.000	12/23/20 10:55 PM	4.059	12/29/20 6:15 AM	0.000
12/8/20 10:00 PM	3.992	12/18/20 11:15 PM	4.185	12/25/20 2:55 AM	4.059	12/29/20 6:25 AM	-1.000
12/8/20 10:10 PM	0.000	12/19/20 10:00 PM	4.185	12/25/20 3:00 AM	0.000	12/29/20 6:30 AM	3.814
12/8/20 10:25 PM	-1.000	12/19/20 10:05 PM	0.000	12/25/20 3:15 AM	-1.000	12/29/20 6:40 AM	0.000
12/8/20 10:30 PM	4.022	12/19/20 10:15 PM	-1.000	12/25/20 3:20 AM	0.000	12/29/20 6:50 AM	-1.000
12/9/20 9:50 PM	4.022	12/19/20 10:20 PM	3.973	12/25/20 3:35 AM	-1.000	12/29/20 6:55 AM	3.805
12/9/20 9:55 PM	0.000	12/19/20 10:25 PM	0.000	12/25/20 3:40 AM	3.958	12/29/20 7:15 AM	3.805
12/9/20 10:05 PM	-1.000	12/19/20 10:40 PM	4.278	12/25/20 3:45 AM	0.000	12/29/20 7:20 AM	0.000
12/9/20 10:10 PM	4.008	12/19/20 11:30 PM	4.278	12/25/20 3:55 AM	-1.000	12/29/20 7:30 AM	-1.000
12/10/20 9:40 PM	4.008	12/19/20 11:35 PM	0.000	12/25/20 4:00 AM	4.073	12/29/20 7:35 AM	3.832
12/10/20 9:45 PM	0.000	12/19/20 11:45 PM	-1.000	12/25/20 9:40 PM	4.073	12/29/20 8:50 AM	3.832
12/10/20 9:55 PM	-1.000	12/19/20 11:50 PM	3.533	12/25/20 9:45 PM	0.000	12/29/20 8:55 AM	0.000
12/10/20 10:00 PM	4.008	12/19/20 11:55 PM	0.000	12/25/20 9:55 PM	-1.000	12/29/20 9:05 AM	-1.000
12/11/20 9:35 PM	4.008	12/20/20 12:10 AM	-1.000	12/25/20 10:00 PM	0.000	12/29/20 9:10 AM	3.777
12/11/20 9:40 PM	0.000	12/20/20 12:15 AM	3.678	12/25/20 10:10 PM	-1.000	12/29/20 4:25 PM	3.777
12/11/20 9:50 PM	-1.000	12/20/20 12:20 AM	0.000	12/25/20 10:15 PM	0.000	12/29/20 4:30 PM	0.000
12/11/20 9:55 PM	3.932	12/20/20 12:30 AM	-1.000	12/25/20 10:30 PM	-1.000	12/29/20 4:40 PM	-1.000
12/11/20 11:35 PM	3.932	12/20/20 12:35 AM	3.979	12/25/20 10:35 PM	4.071	12/29/20 4:45 PM	3.826
12/11/20 11:40 PM	0.000	12/20/20 12:45 AM	0.000	12/26/20 9:50 PM	4.071	12/29/20 4:50 PM	0.000
12/11/20 11:50 PM	-1.000	12/20/20 12:55 AM	-1.000	12/26/20 9:55 PM	0.000	12/29/20 5:00 PM	-1.000
12/11/20 11:55 PM	4.061	12/20/20 1:00 AM	4.360	12/26/20 10:05 PM	-1.000	12/29/20 5:05 PM	3.631

**CITY OF JACKSON  
DISTRIBUTION SYSTEM DISINFECTANT DATA**

**System ID**      250008  
**Month Of**      December 2020

<b>Dec-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
12/1	62				
12/2	42				
12/3	14				
12/4					
12/5					
12/6					
12/7					
12/8	14				
12/9	3				
12/10					
12/11					
12/12					
12/13					
12/14					
12/15					
12/16					
12/17					
12/18					
12/19					
12/20					
12/21					
12/22					
12/23					
12/24					
12/25					
12/26					
12/27					
12/28					
12/29					
12/30					
12/31					
Total	135	0	0	0	0

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

V = 0

**CITY OF JACKSON  
CHLORINE DIOXIDE COMPLIANCE**

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

DISTRIBUTION SITES			
DATE	SITE	ClO <sub>2</sub>	ClO <sup>-</sup>
	Olympia	OFF	OFF
	Boling St	OFF	OFF
	John Hopkins	OFF	OFF

# 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	45.0	1.67
	OBC HS2	12	7.7	2.2	71.4	45.0	1.59
	JHF HS1	12	3.8	1.5	60.5	45.0	1.35
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	45.0	1.69
	OBC HS2	10	6.7	1.9	71.6	45.0	1.59
	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	45.0	1.53
	OBC HS2	10	6.7	2.5	62.7	45.0	1.39
	JHF HS1	11	7.8	1.6	79.5	45.0	1.77
<b>RUNNING ANNUAL AVERAGE</b>	OBC HS1						1.50
	OBC HS2						1.52
	JHF HS1						1.56
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.53</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	45.0	1.15
	OBC HS2	12	6.2	3.0	51.6	45.0	1.15
	JHF HS1	20	7.4	3.4	54.1	45.0	1.20
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						1.37
	OBC HS2						1.40
	JHF HS1						1.39
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.41</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	2.9	51.0	45.0	1.13
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
8/3/2020	OBC HS1	13	8.4	1.6	81.0	50.0	1.62
	OBC HS2	13	8.4	1.2	85.7	50.0	1.71
	JHF HS1	17	9.8	3.6	63.3	50.0	1.27
8/12/2020	OBC HS1	14	10.2	5.0	51.0	50.0	1.02
	OBC HS2	14	10.2	4.0	60.8	50.0	1.22
	JHF HS1	22	10.3	5.8	43.7	50.0	0.87
8/17/2020	OBC HS1	14	21	5.5	73.8	50.0	1.48
	OBC HS2	14	21	3.6	82.9	50.0	1.66
	JHF HS1	15	20	3.2	84.0	50.0	1.68
8/25/2020	OBC HS1	17	7.6	2.5	67.1	45.0	1.49
	OBC HS2	17	7.6	2.3	69.7	45.0	1.55
	JHF HS1	23	8.2	2.7	67.1	50.0	1.34
9/1/2020	OBC HS1	17	6.5	2.8	56.9	45.0	1.26
	OBC HS2	17	6.5	1.3	80.0	45.0	1.78
	JHF HS1	17	7.8	1.6	79.5	45.0	1.77
9/10/2020	OBC HS1	17	5.8	3.1	46.6	45.0	1.03
	OBC HS2	17	5.8	4.1	29.3	45.0	0.65
	JHF HS1	21	10.1	7.0	30.7	50.0	0.61
9/17/2020	OBC HS1	17	4.1	1.3	68.3	45.0	1.52
	OBC HS2	17	4.1	1.0	75.6	45.0	1.68
	JHF HS1	23	4.9	1.3	73.5	45.0	1.63
<b>RUNNING ANNUAL AVERAGE</b>	OBC HS1						1.34
	OBC HS2						1.37
	JHF HS1						1.38
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.37</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			
		Source Water Alkalinity (ppm)	Source Water TOC (ppm)	Treated Water TOC (ppm)	Actual TOC Removed (%)	Required TOC Removal (%)	TOC Removal Ratio
9/25/2020	OBC HS1	17	5.8	3.0	48.3	45.0	1.07
	OBC HS2	17	5.8	2.7	53.4	45.0	1.19
	JHF HS1	18	6.0	3.2	46.7	45.0	1.04
10/5/2020	OBC HS1	15	6.0	3.1	48.3	45.0	1.07
	OBC HS2	15	6.0	3.5	41.7	45.0	0.93
	JHF HS1	22	6.4	2.1	67.2	45.0	1.49
10/7/2020	OBC HS1	15	6.0	3.1	48.3	45.0	1.07
	OBC HS2	15	6.0	3.7	38.3	45.0	0.85
	JHF HS1	19	5.7	2.6	54.4	45.0	1.21
11/17/2020	OBC HS1	20	5.3	3.1	41.5	45.0	0.92
	OBC HS2	20	5.3	2.6	50.9	45.0	1.13
	JHF HS1	24	5.4	2.9	46.3	45.0	1.03
12/8/2020	OBC HS1	19	5.4	2.9	46.3	45.0	1.03
	OBC HS2	19	5.4	2.6	51.9	45.0	1.15
	JHF HS1	19	5.6	2.6	53.6	45.0	1.19
<b>RUNNING ANNUAL AVERAGE</b>	OBC HS1						1.30
	OBC HS2						1.33
	JHF HS1						1.37
<b>TOTAL COMBINED RUNNING ANNUAL AVERAGE</b>							<b>1.33</b>

**CITY OF JACKSON  
CORROSION CONTROL DATA**

December 2020  DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
12/1	0700 - 1500	9.5	40	17	9.3	19	52
	1500 - 2300	9.7	49	16	9.3	30	67
	2300 - 0700	9.5	52	18	9.5	24	54
12/2	0700 - 1500	9.8	50	14	9.5	19	52
	1500 - 2300	9.7	51	17	9.3	29	52
	2300 - 0700	9.6	54	18	9.3	21	50
12/3	0700 - 1500	9.6	39	17	9.5	19	48
	1500 - 2300	9.5	41	17	9.3	27	69
	2300 - 0700	9.7	48	21	9.5	23	52
12/4	0700 - 1500	9.7	41	18	9.6	20	48
	1500 - 2300	9.5	42	17	9.5	21	50
	2300 - 0700	9.5	52	13	9.7	25	47
12/5	0700 - 1500	9.7	41	13	9.3	26	46
	1500 - 2300	9.8	34	18	9.5	28	44
	2300 - 0700	9.7	47	18	9.6	22	52
12/6	0700 - 1500	9.6	42	14	9.1	19	61
	1500 - 2300	9.5	48	13	9.3	21	42
	2300 - 0700	9.6	49	17	9.3	31	50
12/7	0700 - 1500	9.6	42	13	9.6	19	53
	1500 - 2300	9.5	42	13	9.3	22	47
	2300 - 0700	9.6	48	17	9.2	21	52
12/8	0700 - 1500	9.5	34	16	9.4	18	54
	1500 - 2300	9.5	47	20	9.5	22	49
	2300 - 0700	9.5	52	22	9.4	11	45
12/9	0700 - 1500	9.5	36	14	9.5	19	58
	1500 - 2300	9.4	41	17	9.6	21	46
	2300 - 0700	9.4	44	20	9.5	23	48
12/10	0700 - 1500	9.2	27	18	9.4	17	56
	1500 - 2300	9.5	47	18	9.5	24	50
	2300 - 0700	9.1	50	19	9.1	20	55
12/11	0700 - 1500	9.5	34	13	9.6	19	55
	1500 - 2300	9.2	30	15	9.5	21	50
	2300 - 0700	9.4	37	18	9.3	20	49

**CITY OF JACKSON  
CORROSION CONTROL DATA**

December 2020  DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
12/12	0700 - 1500	9.5	33	16	9.4	33	44
	1500 - 2300	9.4	33	15	9.2	32	52
	2300 - 0700	9.4	37	16	9.4	21	51
12/13	0700 - 1500	9.3	36	15	9.1	23	69
	1500 - 2300	9.5	40	14	9.2	19	58
	2300 - 0700	9.2	47	16	9.3	31	56
12/14	0700 - 1500	9.3	46	16	9.3	20	53
	1500 - 2300	9.6	46	13	9.3	22	57
	2300 - 0700	9.1	50	17	9.3	22	54
12/15	0700 - 1500	9.0	30	19	9.6	24	58
	1500 - 2300	9.3	49	18	9.3	30	50
	2300 - 0700	9.3	53	21	9.4	21	52
12/16	0700 - 1500	9.7	38	24	9.4	19	62
	1500 - 2300	9.4	47	18	9.3	39	55
	2300 - 0700	8.7	50	17	9.1	21	52
12/17	0700 - 1500	9.7	44	35	9.7	21	57
	1500 - 2300	9.5	41	19	9.2	28	59
	2300 - 0700	9.4	49	18	9.5	21	56
12/18	0700 - 1500	9.3	33	14	9.4	17	51
	1500 - 2300	9.4	39	16	9.5	21	52
	2300 - 0700	9.6	44	14	9.4	23	55
12/19	0700 - 1500	9.4	38	15	9.6	32	64
	1500 - 2300	9.4	37	14	9.4	23	51
	2300 - 0700	9.2	44	18	9.5	22	56
12/20	0700 - 1500	9.5	45	17	9.3	18	53
	1500 - 2300	9.6	48	18	9.4	34	58
	2300 - 0700	9.5	48	17	9.6	34	58
12/21	0700 - 1500	9.6	50	17	9.1	22	54
	1500 - 2300	9.6	44	16	9.5	23	55
	2300 - 0700	9.5	49	18	9.3	22	52
12/22	0700 - 1500	9.5	35	13	9.6	19	53
	1500 - 2300	9.6	39	18	9.0	29	55
	2300 - 0700	9.3	51	19	9.3	25	54

**CITY OF JACKSON  
CORROSION CONTROL DATA**

December 2020  DATE / SHIFT		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		pH	Alkalinity	Hardness	pH	Alkalinity	Hardness
12/23	0700 - 1500	9.6	42	15	9.6	19	54
	1500 - 2300	9.5	41	18	9.5	33	57
	2300 - 0700	9.3	46	16	9.5	23	53
12/24	0700 - 1500	9.1	32	23	9.5	19	56
	1500 - 2300	9.5	44	18	9.4	24	44
	2300 - 0700	9.1	39	20	9.5	21	46
12/25	0700 - 1500	9.2	30	12	9.4	19	55
	1500 - 2300	9.3	29	20	9.7	22	50
	2300 - 0700	9.4	31	19	9.2	20	54
12/26	0700 - 1500	9.2	35	18	9.4	25	46
	1500 - 2300	9.1	33	17	9.1	27	59
	2300 - 0700	9.4	37	21	9.4	21	49
12/27	0700 - 1500	9.5	46	16	9.5	19	53
	1500 - 2300	9.4	44	17	9.6	21	57
	2300 - 0700	9.4	48	18	9.3	31	50
12/28	0700 - 1500	9.3	42	16	9.5	21	54
	1500 - 2300	9.1	36	14	9.3	21	52
	2300 - 0700	9.3	39	17	9.6	22	55
12/29	0700 - 1500	9.2	37	15	9.7	18	56
	1500 - 2300	9.2	41	18	9.6	29	62
	2300 - 0700	9.2	39	15	9.5	20	52
12/30	0700 - 1500	8.7	27	17	9.7	17	55
	1500 - 2300	8.9	34	15	9.4	26	55
	2300 - 0700	8.5	36	13	9.4	19	50
12/31	0700 - 1500	8.5	33	15	9.2	15	51
	1500 - 2300	9.2	42	14	9.0	30	78
	2300 - 0700	9.4	40	16	9.6	12	50
<b>MONTHLY MIN</b>		<b>8.5</b>	<b>27</b>	<b>12</b>	<b>9.0</b>	<b>11</b>	<b>42</b>
<b>MONTHLY MAX</b>		<b>9.8</b>	<b>54</b>	<b>35</b>	<b>9.7</b>	<b>39</b>	<b>78</b>
<b>MONTHLY AVG</b>		<b>9.4</b>	<b>42</b>	<b>17</b>	<b>9.4</b>	<b>23</b>	<b>53</b>

## Comments

### JH Fewell (TF081)

Clara-trac fully operational.-12/10  
Cleaned filter #24 turbidity meter.-12/24

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

CL17s-12/30, Filter #22 turbidity meter- 12/28

### OB Curtis Conventional (TF082)

Filter #4 profile shows two consecutive readings greater than .5 on 12/28-6PM-6:45PM. A grab sample taken at 7PM was .243 NTU. Filter #1 grab sample spiked due to an increase in raw water turbidity to .5230 on 12/31-4AM. Filter #1 began a backwash at 6:36AM, was filtered to waste at 7:07AM and put back in service at 8:22AM.  
Cleaned ammonia line.-12-9  
Cleaned Soda Ash filters and dehumidifier filters for Silo #1 and #2.-12/24  
Settled and finished water turbidity meter cleaned.-12/28  
Filter #1 cleaned.-12/29

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

Raw water-Grab data was replaced on 12/1-12/31.  
Settled water-Grab data was replaced on 12/2-12/5; 12/6; 12/18; 12/25-12/31.  
Chlorine-Grab data was replaced on 12/2-4AM-12/4; 12/5-12AM, 8PM; 12/9-8PM-12PM; 12/23-4AM-12PM; 12/31.  
Finished water-Grab data was replaced on 12/1-12AM-12PM; 12/20-4AM-4PM; 12/25-8PM-12/26-8AM; 12/28-12PM-12/29-4AM.  
Filter #1-Grab data was replaced on 12/16-12PM-12/31.  
Filter #3-Grab data was replaced on 12/28-12AM-4AM.  
Filter #4-Grab data was replaced on 12/28-12AM-4AM, 12PM; 12/31-12AM

### OB Curtis Membrane (TF083)

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

Chlorine-Grab data was replaced on 12/1-12/26.  
Finished water-Grab data was replaced on 12/14-12/15-8AM-in hold.  
Train #2-Grab data was replaced on 12/10-12PM-4PM-in hold; 12/11-4AM-spike.  
Train #3-Grab data was replaced on 12/5-4PM-8PM  
Train #6-Grab data was replaced on 12/1-4PM-8PM; 12/2-8PM-12/3-8AM; 12/6-12AM-12PM-spikes; 12/11-4AM-4PM-in hold

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

CL17s-12/26 , HS #1 pH meter-12/12

### Upgrades and Repairs at O.B. Curtis

1. Replaced air line, plunger 3420 and solenoid on cassette A FV-3467-A of train #4 on Dec. 3.
2. Replaced gauge on CIP Tank on Dec. 4.
3. Replaced actuator on cassette A FV-8860-A, valve on cassette B FV-8860-B, and solenoid on cassette D FV-8860-D of train #2 on Dec. 5.
4. Replaced valve on train #2, cassette FV-8860-D on Dec. 6.
5. Replaced PVC pipe for the ACH line on bulk tank and replaced the solenoid on train #3, cassette FV--3460-A on Dec. 8.
6. Replaced the actuator on train #2, cassette FV-3406-B on Dec. 10.
7. Replaced solenoid on train #3 FV-3466B-4 permeate isolation valve on Dec. 13.
8. Replaced actuator on train #2 FV-8860F-2 back pulse discharge valve on Dec. 15.
9. Repaired air line and reset the switch on clearwell #2 leveling indicator on Dec. 16.
10. Replaced solenoid on train #4, cassette A FV--8860A-4 on Dec. 19.
11. Replaced air line and solenoid on train #4 FV-3466A-4 on Dec. 20.
12. Replaced solenoid on train #4 FV-3466D-4 on Dec. 23.
13. Replaced actuator on FV-8860A-3 and the solenoid on FV-8860D-3 on train #3 on Dec. 26.
14. Installed total CL-17 on the conventional first tap water line on Dec. 31.

### Upgrades and Repairs at J.H. Fewell

1. Installed new Gardner Denver air compressor for High Service 1 on Dec. 7.
2. Installed new EIM actuator for clara-trac basin cell 4A1 on Dec. 9.
3. Installed new EIM actuator for clara-trac basin cell 3D2, replaced #27 filter turbidity meter with new TU5300 sc unit, and installed new gearbox for flocculator cells 4A & 4B on Dec. 10.
4. Replaced filter #25 turbidity meter with new TU5300 sc unit on Dec. 22.

"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