

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

System ID **250008-01**
Month of **September 2020**

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|---|------------|
| 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	3.6	7	3.6	13	3.5	19	3.5	25	3.7
2	3.6	8	3.5	14	3.8	20	3.6	26	3.6
3	3.6	9	3.4	15	3.5	21	3.7	27	3.5
4	3.6	10	3.2	16	3.7	22	3.8	28	3.4
5	3.6	11	3.3	17	3.8	23	3.6	29	3.2
6	3.0	12	3.3	18	3.5	24	3.7	30	3.4

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| 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. | 9/22/2020 |

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

System ID 250008-01
Month of September 2020

Sep 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTER	HS #1
9/1	10.2950	0.6994	0.2558	0.1425
9/2	11.0000	0.5994	0.2422	0.1406
9/3	11.5969	0.4594	0.2427	0.1375
9/4	10.2756	0.3794	0.2374	0.1538
9/5	8.2619	0.4994	0.2895	0.1600
9/6	7.9987	0.6122	0.2774	0.2763
9/7	8.4563	0.7256	0.2777	0.1675
9/8	8.0806	0.5675	0.2665	0.1581
9/9	6.8962	0.4056	0.2675	0.1737
9/10	6.7300	0.5094	0.3012	0.2400
9/11	6.8894	0.4025	0.2927	0.2150
9/12	6.9681	0.4119	0.2759	0.1788
9/13	10.3356	0.6325	0.2688	0.1806
9/14	5.2062	0.5030	0.2559	0.1856
9/15	4.9081	0.5154	0.3013	0.1850
9/16	6.3625	0.4305	0.2883	0.1794
9/17	5.0531	0.3564	0.2685	0.1606
9/18	8.5850	0.3827	0.2628	0.1606
9/19	5.1375	0.3594	0.2591	0.1550
9/20	6.1637	0.4994	0.2984	0.1538
9/21	6.1781	0.5894	0.3003	0.1625
9/22	6.6900	0.4594	0.2762	0.1569
9/23	5.0838	0.4994	0.2566	0.1831
9/24	73.8962	0.8194	0.2802	0.1937
9/25	14.2831	0.5894	0.2644	0.1675
9/26	7.2256	0.3194	0.2570	0.1431
9/27	8.4656	0.7791	0.2523	0.1625
9/28	6.5944	0.5822	0.2799	0.1500
9/29	6.6888	0.4563	0.2691	0.1437
9/30	6.5681	0.5500	0.2749	0.1550
MIN	4.9081	0.3194	0.2374	0.1375
MAX	73.8962	0.8194	0.3013	0.2763
AVG	9.8958	0.5198	0.2714	0.1707

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

System ID 250008-01
Month of September 2020

Sep 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
9/1	0.1419	0.1388	0.1425	0.1350	0.1362	0.1312
9/2	0.1319	0.1319	0.1356	0.1400	0.1306	0.1406
9/3	0.1319	0.1287	0.1294	0.1375	0.1306	0.1338
9/4	0.1406	0.1319	0.1369	0.1444	0.1538	0.1456
9/5	0.1388	0.1562	0.1450	0.1412	0.1525	0.1600
9/6	0.1925	0.1656	0.1538	0.1488	0.2763	0.1775
9/7	0.1675	0.1538	0.1513	0.1556	0.1581	0.1569
9/8	0.1556	0.1475	0.1513	0.1525	0.1525	0.1581
9/9	0.1656	0.1575	0.1575	0.1737	0.1625	0.1625
9/10	0.1575	0.1525	0.2031	0.2044	0.2100	0.2400
9/11	0.1863	0.1594	0.2081	0.2150	0.1706	0.1675
9/12	0.1575	0.1544	0.1681	0.1719	0.1637	0.1788
9/13	0.1763	0.1656	0.1631	0.1631	0.1775	0.1806
9/14	0.1525	0.1481	0.1525	0.1581	0.1644	0.1856
9/15	0.1544	0.1737	0.1500	0.1556	0.1850	0.1538
9/16	0.1525	0.1500	0.1544	0.1587	0.1794	0.1538
9/17	0.1606	0.1475	0.1456	0.1488	0.1456	0.1550
9/18	0.1356	0.1394	0.1488	0.1575	0.1606	0.1469
9/19	0.1550	0.1406	0.1381	0.1394	0.1506	0.1475
9/20	0.1450	0.1538	0.1450	0.1431	0.1506	0.1519
9/21	0.1562	0.1556	0.1625	0.1488	0.1506	0.1513
9/22	0.1556	0.1469	0.1544	0.1569	0.1425	0.1462
9/23	0.1462	0.1544	0.1419	0.1462	0.1831	0.1663
9/24	0.1506	0.1494	0.1688	0.1894	0.1937	0.1844
9/25	0.1663	0.1556	0.1450	0.1506	0.1475	0.1675
9/26	0.1425	0.1350	0.1344	0.1300	0.1356	0.1431
9/27	0.1356	0.1625	0.1437	0.1475	0.1481	0.1388
9/28	0.1375	0.1388	0.1319	0.1356	0.1500	0.1381
9/29	0.1388	0.1437	0.1319	0.1362	0.1406	0.1419
9/30	0.1500	0.1475	0.1362	0.1550	0.1388	0.1419
MIN	0.1319	0.1287	0.1294	0.1300	0.1306	0.1312
MAX	0.1925	0.1737	0.2081	0.2150	0.2763	0.2400
AVG	0.1526	0.1495	0.1510	0.1547	0.1614	0.1582

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

System ID 250008-01
Month of September 2020

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

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)															
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	
9/1/2020	12:00 AM	OFF	OFF	OFF	0.0502	0.1281	0.1317	0.1819	0.2558	0.1908	0.1332	OFF	OFF	OFF	0.1068	0.1614	
	04:00 AM	OFF	OFF	OFF	0.0471	0.1258	0.1259	0.1752	0.2504	0.1878	0.1319	OFF	OFF	OFF	0.1044	0.1570	
	08:00 AM	OFF	OFF	OFF	0.0428	0.1232	0.1198	0.1683	0.2439	0.1829	0.1296	OFF	OFF	OFF	0.1012	0.1493	
	12:00 PM	OFF	OFF	OFF	0.0403	0.1201	0.1153	0.1619	0.2377	0.1798	0.1281	OFF	OFF	OFF	0.0990	0.1560	
	04:00 PM	OFF	OFF	OFF	0.0536	0.1186	0.1135	0.1615	0.2387	0.1811	0.1267	OFF	OFF	OFF	0.1062	0.1599	
	08:00 PM	OFF	OFF	OFF	0.0393	0.1200	0.1146	0.1648	0.2407	0.1844	0.1278	OFF	OFF	OFF	0.0994	0.1615	
	AVG	OFF	OFF	OFF	0.0456	0.1226	0.1203	0.1691	0.2444	0.1846	0.1295	OFF	OFF	OFF	0.1029	0.1572	
9/2/2020	12:00 AM	OFF	OFF	OFF	0.0410	0.1208	0.1162	0.1654	0.2403	0.1873	0.1291	OFF	OFF	OFF	0.1002	0.1624	
	04:00 AM	OFF	OFF	OFF	0.0405	0.1211	0.1168	0.1651	0.2395	0.1892	0.1290	OFF	OFF	OFF	0.1004	0.1620	
	08:00 AM	OFF	OFF	OFF	0.0491	0.1210	0.1157	0.1635	0.2381	0.1885	0.1287	OFF	OFF	OFF	0.1001	0.1613	
	12:00 PM	OFF	OFF	OFF	0.0403	0.1191	0.1137	0.1616	0.2385	0.1876	0.1280	OFF	OFF	OFF	0.0987	0.1604	
	04:00 PM	OFF	OFF	OFF	0.0399	0.1199	0.1160	0.1644	0.2422	0.1909	0.1284	OFF	OFF	OFF	0.1003	0.1622	
	08:00 PM	OFF	OFF	OFF	0.0407	0.1216	0.1185	0.1647	0.2419	0.1912	OFF	OFF	OFF	0.1019	0.1636		
	AVG	OFF	OFF	OFF	0.0419	0.1206	0.1161	0.1641	0.2401	0.1891	0.1287	OFF	OFF	OFF	0.1003	0.1620	
9/3/2020	12:00 AM	OFF	OFF	OFF	0.0396	0.1182	0.1115	0.1552	0.2348	0.1841	OFF	OFF	OFF	OFF	0.0970	0.1582	
	04:00 AM	OFF	OFF	OFF	0.0384	0.1193	0.1148	0.1576	0.2383	0.1868	OFF	OFF	OFF	OFF	0.0990	0.1599	
	08:00 AM	OFF	OFF	OFF	0.0470	0.1198	0.1133	0.1557	0.2364	0.1857	OFF	OFF	OFF	OFF	0.0984	0.1592	
	12:00 PM	OFF	OFF	OFF	0.0399	0.1174	0.1106	0.1579	0.2356	0.1835	OFF	OFF	0.1814	OFF	0.0956	0.1565	
	04:00 PM	OFF	OFF	OFF	0.0438	0.1191	0.1139	0.1570	0.2411	0.1896	OFF	OFF	0.1824	OFF	0.0982	0.1586	
	08:00 PM	OFF	OFF	OFF	0.0456	0.1215	0.1168	0.1600	0.2427	0.1914	OFF	OFF	0.1857	OFF	0.1053	0.1604	
	AVG	OFF	OFF	OFF	0.0428	0.1192	0.1135	0.1573	0.2382	0.1869	OFF	OFF	0.1837	OFF	0.0989	0.1588	
9/4/2020	12:00 AM	OFF	OFF	OFF	0.0459	0.1191	0.1115	0.1545	0.2380	0.1867	OFF	OFF	0.1772	OFF	0.0985	0.1563	
	04:00 AM	OFF	OFF	OFF	0.0431	0.1174	0.1095	0.1515	0.2358	0.1851	OFF	OFF	0.1708	OFF	0.0961	0.1505	
	08:00 AM	OFF	OFF	OFF	0.0570	0.1201	0.1121	0.1546	0.2374	0.1878	OFF	OFF	0.1747	OFF	0.0984	0.1464	
	12:00 PM	OFF	OFF	OFF	0.0442	0.1162	0.1085	0.1566	0.2348	0.1841	OFF	OFF	0.1784	OFF	0.0955	0.1535	
	04:00 PM	OFF	OFF	OFF	0.0790	0.1473	0.1070	0.1573	0.2352	0.1850	0.1806	OFF	0.1752	OFF	0.0964	0.2179	
	08:00 PM	OFF	OFF	OFF	0.0729	0.1408	0.1029	0.1484	0.2309	0.1813	0.1707	OFF	0.1636	OFF	0.0947	0.2108	
	AVG	OFF	OFF	OFF	0.0571	0.1277	0.1086	0.1539	0.2353	0.1850	0.1756	OFF	0.1734	OFF	0.0966	0.1716	
9/5/2020	12:00 AM	OFF	OFF	OFF	0.0658	0.1309	0.0987	0.1442	0.2288	0.1783	0.1616	OFF	0.1571	OFF	0.0918	0.2015	
	04:00 AM	OFF	OFF	OFF	0.0618	0.1324	0.1007	0.1462	0.2294	0.1808	0.1627	OFF	0.1578	OFF	0.0930	0.2002	
	08:00 AM	OFF	OFF	OFF	0.0703	0.1363	0.1041	0.1606	0.2338	0.1855	0.1690	OFF	0.1639	OFF	0.0962	0.1985	
	12:00 PM	OFF	OFF	OFF	0.0626	0.1302	0.1079	0.2158	0.2314	0.1806	0.1601	OFF	0.1566	OFF	0.0923	0.1961	
	04:00 PM	OFF	OFF	OFF	0.0627	0.1322	0.1809	0.2317	0.2895	0.1863	0.1623	OFF	0.1765	OFF	0.1361	0.1799	
	08:00 PM	OFF	OFF	OFF	0.0623	0.1340	0.1716	0.2282	OFF	0.1858	0.1635	OFF	0.1627	OFF	0.1718	0.2000	
	AVG	OFF	OFF	OFF	0.0644	0.1327	0.1306	0.1907	0.2379	0.1829	0.1631	OFF	0.1629	OFF	0.1135	0.1954	
9/6/2020	12:00 AM	OFF	OFF	OFF	0.0652	0.1369	0.1723	0.2252	OFF	0.1892	0.1673	OFF	0.1685	OFF	0.1683	0.1940	
	04:00 AM	OFF	OFF	OFF	0.0623	0.1336	0.1563	0.2069	0.2699	0.1830	0.1582	OFF	0.1600	OFF	0.1512	0.1784	
	08:00 AM	OFF	OFF	OFF	0.0650	0.1418	0.1477	0.2219	0.2774	OFF	0.1499	OFF	0.1768	OFF	0.1431	0.1667	
	12:00 PM	OFF	OFF	OFF	0.0521	0.1442	0.1699	0.2169	0.2690	OFF	0.1434	OFF	OFF	OFF	0.1251	0.1768	
	04:00 PM	OFF	OFF	OFF	0.0491	0.1232	0.1341	0.1838	0.2733	0.2530	0.1440	OFF	OFF	OFF	0.1272	0.1798	
	08:00 PM	OFF	OFF	OFF	0.0521	0.1254	0.1374	0.1845	0.2740	0.2451	0.1462	OFF	OFF	OFF	0.1286	0.1812	
	AVG	OFF	OFF	OFF	0.0577	0.1349	0.1534	0.2079	0.2734	0.2172	0.1516	OFF	0.1654	OFF	0.1409	0.1792	
9/7/2020	12:00 AM	OFF	OFF	OFF	0.0514	0.1237	0.1317	0.1772	0.2665	0.2304	0.1433	OFF	OFF	OFF	0.1234	0.1780	
	04:00 AM	OFF	OFF	OFF	0.0528	0.1285	0.1393	0.1857	0.2735	0.2370	0.1489	OFF	OFF	OFF	0.1308	0.1842	
	08:00 AM	OFF	OFF	OFF	0.0588	0.1303	0.1419	0.1901	0.2758	0.2377	0.1524	OFF	OFF	OFF	0.1332	0.1864	
	12:00 PM	OFF	OFF	OFF	0.0863	0.1266	0.1364	0.1861	0.2727	0.2293	0.1482	OFF	OFF	OFF	0.1281	0.1824	
	04:00 PM	OFF	OFF	OFF	0.0852	0.1563	0.1400	0.1892	0.2777	0.2329	0.1505	OFF	OFF	OFF	0.1313	0.1855	
	08:00 PM	OFF	OFF	OFF	0.0813	0.1550	0.1375	0.1830	0.2715	0.2271	0.1494	OFF	OFF	OFF	0.1268	0.1815	
	AVG	OFF	OFF	OFF	0.0680	0.1361	0.1379	0.1854	0.2731	0.2325	0.1488	OFF	OFF	OFF	0.1290	0.1830	

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)															
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	
9/8/2020	12:00 AM	OFF	OFF	OFF	0.0768	0.1496	0.1311	0.1758	0.2665	0.2188	0.1454	OFF	OFF	OFF	0.1210	0.1763	
	04:00 AM	OFF	OFF	OFF	0.0701	0.1440	0.1275	0.1712	0.2632	0.2144	0.1430	OFF	OFF	OFF	0.1177	0.1735	
	08:00 AM	OFF	OFF	OFF	0.0764	0.1433	0.1273	0.1739	0.2636	0.2148	0.1619	OFF	OFF	OFF	0.1183	0.1736	
	12:00 PM	OFF	OFF	OFF	0.0639	0.1357	0.1207	0.1705	0.2590	0.2081	0.1811	OFF	OFF	OFF	0.1135	0.1668	
	04:00 PM	OFF	OFF	OFF	0.0632	0.1391	0.1286	0.1726	0.2656	0.2126	0.1829	OFF	OFF	OFF	0.1171	OFF	
	08:00 PM	OFF	OFF	OFF	0.0691	0.1415	0.1348	0.1731	0.2665	0.2161	0.1868	OFF	0.1957	OFF	0.1226	OFF	
	AVG	OFF	OFF	OFF	0.0699	0.1423	0.1285	0.1728	0.2641	0.2142	0.1680	OFF	0.1957	OFF	0.1184	0.1744	
9/9/2020	12:00 AM	OFF	OFF	OFF	0.0672	0.1382	0.1320	0.1684	0.2596	0.2106	0.1793	OFF	0.2101	OFF	0.1199	OFF	
	04:00 AM	OFF	OFF	OFF	0.0690	0.1351	0.1287	0.1660	0.2585	0.2092	0.1752	OFF	0.1991	OFF	0.1193	OFF	
	08:00 AM	OFF	OFF	OFF	0.0720	0.1402	0.1361	0.1757	0.2648	0.2154	0.1807	OFF	0.2058	OFF	0.1244	OFF	
	12:00 PM	OFF	OFF	OFF	0.0778	0.1376	OFF	0.1731	0.2640	0.2127	0.1762	OFF	0.1966	OFF	0.1219	OFF	
	04:00 PM	OFF	OFF	OFF	0.0660	0.1381	0.1953	0.1706	0.2675	0.2127	0.1759	OFF	0.1984	OFF	0.1214	OFF	
	08:00 PM	OFF	OFF	OFF	0.0666	0.1436	0.1901	0.1694	0.2609	0.2118	0.1736	OFF	0.1961	OFF	0.1201	OFF	
	AVG	OFF	OFF	OFF	0.0698	0.1389	0.1608	0.1706	0.2625	0.2121	0.1768	OFF	0.2012	OFF	0.1212	OFF	
9/10/2020	12:00 AM	OFF	OFF	OFF	0.0653	0.1309	0.1652	0.1584	0.2523	0.2016	0.1616	OFF	0.1816	OFF	0.1117	OFF	
	04:00 AM	OFF	OFF	OFF	0.0628	0.1315	0.1684	0.1633	0.2568	0.2069	0.1651	OFF	0.1811	OFF	0.1256	OFF	
	08:00 AM	OFF	OFF	OFF	0.0708	0.1400	0.1806	0.1766	0.2659	0.2174	0.1762	OFF	0.1987	OFF	0.1255	OFF	
	12:00 PM	OFF	OFF	OFF	0.0672	0.1366	0.1665	0.2454	0.2179	0.2109	0.1686	OFF	0.1903	OFF	0.1237	OFF	
	04:00 PM	OFF	OFF	OFF	0.0667	0.1393	0.1676	0.2526	0.1989	0.2148	0.1718	OFF	0.1886	OFF	0.1233	OFF	
	08:00 PM	OFF	OFF	OFF	0.0699	0.1394	0.1626	0.2358	0.3012	0.2131	0.1702	OFF	0.1914	OFF	0.1215	OFF	
	AVG	OFF	OFF	OFF	0.0669	0.1363	0.1685	0.2064	0.2488	0.2108	0.1690	OFF	0.1887	OFF	0.1219	OFF	
9/11/2020	12:00 AM	OFF	OFF	OFF	0.0631	0.1300	0.1457	0.2062	0.2893	0.2020	0.1570	OFF	0.1747	OFF	0.1117	OFF	
	04:00 AM	OFF	OFF	OFF	0.0638	0.1326	0.1515	0.2080	0.2927	0.2072	0.1609	OFF	0.1764	OFF	0.1163	OFF	
	08:00 AM	OFF	OFF	OFF	0.0670	0.1366	0.1598	0.2245	0.2862	0.2138	0.1688	OFF	0.2055	OFF	0.1599	OFF	
	12:00 PM	OFF	OFF	OFF	0.0639	0.1312	0.1404	0.1950	0.1799	0.2819	0.1558	OFF	0.1819	OFF	0.1816	OFF	
	04:00 PM	OFF	OFF	OFF	0.0615	0.1322	0.1458	0.1992	0.2779	0.2758	0.1581	OFF	0.1732	OFF	0.1779	OFF	
	08:00 PM	OFF	OFF	OFF	0.0616	0.1284	0.1381	0.1868	0.2699	0.2517	0.1529	OFF	0.1710	OFF	0.1596	OFF	
	AVG	OFF	OFF	OFF	0.0636	0.1319	0.1468	0.2037	0.2660	0.2404	0.1592	OFF	0.1809	OFF	0.1503	OFF	
9/12/2020	12:00 AM	OFF	OFF	OFF	0.0579	0.1241	0.1294	0.1740	0.2614	0.2350	0.1466	OFF	0.1618	OFF	0.1466	OFF	
	04:00 AM	OFF	OFF	OFF	0.0566	0.1265	0.1329	0.1783	0.2650	0.2399	0.1487	OFF	0.1617	OFF	0.1495	OFF	
	08:00 AM	OFF	OFF	OFF	0.0594	0.1270	0.1327	0.1787	0.2692	0.2386	0.1502	OFF	0.1657	OFF	0.1483	OFF	
	12:00 PM	OFF	OFF	OFF	0.0525	0.1276	0.1282	0.1735	0.2678	0.2315	0.1473	OFF	0.1594	OFF	0.1417	OFF	
	04:00 PM	OFF	OFF	OFF	0.0929	0.1568	0.1358	0.1861	0.2759	0.2396	0.1529	OFF	0.1790	OFF	0.1488	OFF	
	08:00 PM	OFF	OFF	OFF	0.1118	0.1610	0.1369	0.1829	0.2727	0.2374	0.1527	OFF	0.1682	OFF	0.1468	OFF	
	AVG	OFF	OFF	OFF	0.0701	0.1362	0.1327	0.1791	0.2687	0.2369	0.1498	OFF	0.1662	OFF	0.1470	OFF	
9/13/2020	12:00 AM	OFF	OFF	OFF	0.0972	0.1515	0.1313	0.1750	0.2679	0.2278	0.1493	OFF	0.1659	OFF	0.1449	OFF	
	04:00 AM	OFF	OFF	OFF	0.0888	0.1510	0.1325	0.1768	0.2688	0.2295	0.1485	OFF	0.1637	OFF	0.1393	OFF	
	08:00 AM	OFF	OFF	OFF	0.0892	0.1506	0.1325	0.1812	0.2680	0.2283	OFF	OFF	0.1860	OFF	0.1393	OFF	
	12:00 PM	OFF	OFF	OFF	0.0815	0.1451	0.1254	0.1747	0.2648	0.2199	0.2645	OFF	0.1803	OFF	0.1355	OFF	
	04:00 PM	OFF	OFF	OFF	0.0773	0.1435	0.1240	0.1723	0.2593	0.2158	0.2541	OFF	0.2219	OFF	0.1280	OFF	
	08:00 PM	OFF	OFF	OFF	0.0767	0.1381	0.1190	0.1582	0.2520	0.2057	OFF	OFF	0.2143	OFF	0.1192	OFF	
	AVG	OFF	OFF	OFF	0.0850	0.1466	0.1275	0.1731	0.2636	0.2214	0.1762	OFF	0.1861	OFF	0.1344	OFF	
9/14/2020	12:00 AM	OFF	OFF	OFF	0.0684	0.1301	0.1113	0.1483	0.2462	0.1969	0.0575	OFF	0.1889	OFF	0.1113	OFF	
	04:00 AM	OFF	OFF	OFF	0.0672	0.1373	0.1205	0.1586	0.2554	0.2080	0.1828	OFF	0.1924	OFF	0.1208	OFF	
	08:00 AM	OFF	OFF	OFF	0.0739	0.1384	0.1326	0.1629	0.2559	0.2089	0.1799	OFF	0.2036	OFF	0.1268	OFF	
	12:00 PM	OFF	OFF	OFF	0.0714	0.1323	0.1769	OFF	0.2518	0.2004	0.1682	OFF	0.2017	OFF	0.1145	OFF	
	04:00 PM	OFF	OFF	OFF	0.0681	0.1337	0.1696	0.2293	0.2531	0.2050	0.1704	OFF	0.2057	OFF	0.1178	OFF	
	08:00 PM	OFF	OFF	OFF	0.0670	0.1349	0.1619	0.2250	0.2521	0.2029	0.1679	OFF	0.1972	OFF	0.1160	OFF	
	AVG	OFF	OFF	OFF	0.0694	0.1346	0.1489	0.1829	0.2524	0.2037	0.1729	OFF	0.1984	OFF	0.1179	OFF	

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)															
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	
9/15/2020	12:00 AM	OFF	OFF	OFF	0.0672	0.1350	0.1555	0.2070	0.2487	0.2004	0.1636	OFF	0.1834	OFF	0.1193	OFF	
	04:00 AM	OFF	OFF	OFF	0.0671	0.1362	0.1524	0.2046	0.2482	0.2017	0.1651	OFF	0.1863	OFF	0.1148	OFF	
	08:00 AM	OFF	OFF	OFF	0.0654	0.1344	0.1335	0.1942	0.2434	0.1981	0.1607	OFF	0.1869	OFF	0.1156	OFF	
	12:00 PM	OFF	OFF	OFF	0.0626	0.1309	0.1316	0.1887	OFF	0.1973	0.1586	OFF	0.1760	OFF	0.1103	OFF	
	04:00 PM	OFF	OFF	OFF	0.0653	0.1319	0.1345	0.1896	0.1028	0.2004	0.1598	OFF	0.1757	OFF	0.1119	OFF	
	08:00 PM	OFF	OFF	OFF	0.0669	0.1352	0.1340	0.1903	0.3013	0.2016	0.1606	OFF	0.1795	OFF	0.1195	OFF	
	AVG	OFF	OFF	OFF	0.0658	0.1339	0.1405	0.1960	0.2613	0.1999	0.1615	OFF	0.1814	OFF	0.1153	OFF	
9/16/2020	12:00 AM	OFF	OFF	OFF	0.0663	0.1330	0.1300	0.1872	0.0993	0.2007	0.1591	OFF	0.1786	OFF	0.1128	OFF	
	04:00 AM	OFF	OFF	OFF	0.0659	0.1337	0.1274	0.1833	OFF	0.1998	0.1577	OFF	0.1760	OFF	0.1176	OFF	
	08:00 AM	OFF	OFF	OFF	0.0655	0.1340	0.1243	0.1823	0.2883	0.1981	0.1570	OFF	0.1911	OFF	0.1783	OFF	
	12:00 PM	OFF	OFF	OFF	0.0639	0.1305	0.1208	0.1741	0.2834	OFF	0.1541	OFF	0.1900	OFF	0.1730	OFF	
	04:00 PM	OFF	OFF	OFF	0.0632	0.1295	0.1165	0.1662	0.2757	0.2644	0.1498	OFF	0.1773	OFF	0.1574	OFF	
	08:00 PM	OFF	OFF	OFF	0.0619	0.1307	0.1145	0.1642	0.2702	0.2531	0.1473	OFF	0.1755	OFF	0.1475	OFF	
	AVG	OFF	OFF	OFF	0.0647	0.1319	0.1223	0.1764	0.2783	0.2217	0.1542	OFF	0.1814	OFF	0.1467	OFF	
9/17/2020	12:00 AM	OFF	OFF	OFF	0.0604	0.1306	0.1123	0.1616	0.2685	0.2392	0.1458	OFF	0.1711	OFF	0.1463	OFF	
	04:00 AM	OFF	OFF	OFF	0.0607	0.1301	0.1124	0.1607	0.2668	0.2337	0.1457	OFF	0.1686	OFF	0.1390	OFF	
	08:00 AM	OFF	OFF	OFF	0.1106	0.1282	0.1089	0.1596	0.2636	0.2268	0.1461	OFF	0.1934	OFF	0.1408	OFF	
	12:00 PM	OFF	OFF	OFF	0.0935	OFF	0.1046	0.1519	0.2594	0.2236	0.1422	OFF	0.1718	OFF	0.1337	OFF	
	04:00 PM	OFF	OFF	OFF	0.0871	OFF	0.1030	0.1487	0.2557	0.2151	0.1399	OFF	0.1593	OFF	0.1249	OFF	
	08:00 PM	OFF	OFF	OFF	0.0822	OFF	0.1011	0.1468	0.2532	0.2097	0.1381	OFF	0.1566	OFF	0.1265	OFF	
	AVG	OFF	OFF	OFF	0.0792	0.1300	0.1073	0.1551	0.2614	0.2251	0.1429	OFF	0.1704	OFF	0.1352	OFF	
9/18/2020	12:00 AM	OFF	OFF	OFF	0.0786	OFF	0.0973	0.1410	0.2498	0.2020	0.1351	OFF	0.1535	OFF	0.1179	OFF	
	04:00 AM	OFF	OFF	OFF	0.0812	OFF	0.1039	0.1491	0.2611	0.2111	0.1387	OFF	0.1526	OFF	0.1216	OFF	
	08:00 AM	OFF	OFF	OFF	0.0830	OFF	0.1042	0.1493	0.2622	0.2097	0.1394	OFF	0.1598	OFF	0.1247	OFF	
	12:00 PM	OFF	OFF	OFF	0.0774	0.1428	0.1099	0.1499	0.2628	0.2079	0.1365	OFF	0.1577	OFF	0.1228	OFF	
	04:00 PM	OFF	OFF	OFF	0.0760	0.1526	0.1510	0.1451	0.2617	0.2052	0.1850	OFF	0.2046	OFF	0.1167	OFF	
	08:00 PM	OFF	OFF	OFF	0.0768	0.1469	0.1388	0.1412	0.2606	0.2019	0.1711	OFF	0.1884	OFF	0.1118	OFF	
	AVG	OFF	OFF	OFF	0.0788	0.1491	0.1200	0.1461	0.2596	0.2063	0.1530	OFF	0.1681	OFF	0.1193	OFF	
9/19/2020	12:00 AM	OFF	OFF	OFF	0.0748	0.1446	0.1317	0.1397	0.2588	0.1985	0.1656	OFF	0.1793	OFF	0.1136	OFF	
	04:00 AM	OFF	OFF	OFF	0.0740	0.1440	0.1298	0.1397	0.2591	0.1983	0.1634	OFF	0.1751	OFF	0.1132	OFF	
	08:00 AM	OFF	OFF	OFF	0.0728	0.1426	0.1241	0.1380	0.2565	0.1993	0.1597	OFF	0.1705	OFF	0.1153	OFF	
	12:00 PM	OFF	OFF	OFF	0.0699	0.1420	0.1208	0.1371	0.2571	0.1951	0.1582	OFF	0.1677	OFF	0.1119	OFF	
	04:00 PM	OFF	OFF	OFF	0.0712	0.1400	0.1222	0.2082	OFF	0.1969	0.1587	OFF	0.1754	OFF	0.1135	OFF	
	08:00 PM	OFF	OFF	OFF	0.0689	0.1387	0.1158	0.1871	0.1730	0.1910	0.1545	OFF	0.1627	OFF	0.1098	OFF	
	AVG	OFF	OFF	OFF	0.0722	0.1420	0.1242	0.1621	0.2409	0.1967	0.1601	OFF	0.1718	OFF	0.1129	OFF	
9/20/2020	12:00 AM	OFF	OFF	OFF	0.0716	0.1398	0.1200	0.1842	OFF	0.1948	0.1574	OFF	0.1668	OFF	0.1134	OFF	
	04:00 AM	OFF	OFF	OFF	0.0718	0.1392	0.1173	0.1771	0.2865	0.1924	0.1553	OFF	0.1647	OFF	0.1117	OFF	
	08:00 AM	OFF	OFF	OFF	0.0721	0.1395	0.1171	0.1752	0.2872	0.1940	0.1550	OFF	0.1639	OFF	0.1164	OFF	
	12:00 PM	OFF	OFF	OFF	0.0722	0.1374	0.1163	0.1739	0.2883	0.1932	0.1553	OFF	0.1637	OFF	0.1123	OFF	
	04:00 PM	OFF	OFF	OFF	0.0720	0.1365	0.1182	0.1778	0.2886	0.1956	0.1553	OFF	0.1783	OFF	0.1731	OFF	
	08:00 PM	OFF	OFF	OFF	0.0741	0.1428	0.1280	0.1848	0.2984	0.2048	0.1607	OFF	0.1699	OFF	0.1887	OFF	
	AVG	OFF	OFF	OFF	0.0723	0.1392	0.1196	0.1790	0.2897	0.1959	0.1566	OFF	0.1680	OFF	0.1234	OFF	
9/21/2020	12:00 AM	OFF	OFF	OFF	0.0783	0.1434	0.1282	0.1838	0.3003	0.2029	0.1612	OFF	0.1729	OFF	0.1790	OFF	
	04:00 AM	OFF	OFF	OFF	0.0765	0.1411	0.1232	0.1761	0.2858	0.1996	0.1572	OFF	0.1688	OFF	0.1662	OFF	
	08:00 AM	OFF	OFF	OFF	0.0756	0.1409	0.1197	0.1711	0.2829	0.1976	0.1546	OFF	0.1655	OFF	0.1556	OFF	
	12:00 PM	OFF	OFF	OFF	0.0740	0.1382	0.1171	0.1673	0.2781	0.1963	0.1524	OFF	0.1625	OFF	0.1499	OFF	
	04:00 PM	OFF	OFF	OFF	0.0736	0.1358	0.1136	0.1639	0.2745	0.2673	0.1517	OFF	0.1784	OFF	0.1456	OFF	
	08:00 PM	OFF	OFF	OFF	0.1087	0.1369	0.1143	0.1616	0.2737	0.2535	0.1502	OFF	0.1606	OFF	0.1400	OFF	
	AVG	OFF	OFF	OFF	0.0791	0.1393	0.1194	0.1708	0.2808	0.2196	0.1547	OFF	0.1684	OFF	0.1560	OFF	

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)															
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	
9/22/2020	12:00 AM	OFF	OFF	OFF	0.1102	0.1387	0.1089	0.1587	0.2762	0.2401	0.1481	OFF	0.1587	OFF	0.1386	OFF	
	04:00 AM	OFF	OFF	OFF	0.1031	0.1388	0.1066	0.1555	0.2667	0.2329	0.1465	OFF	0.1567	OFF	0.1319	OFF	
	08:00 AM	OFF	OFF	OFF	0.0966	0.1384	0.1084	0.1540	0.2645	0.2264	0.1454	OFF	0.1605	OFF	0.1338	OFF	
	12:00 PM	OFF	OFF	OFF	0.0919	0.1358	0.1534	0.1515	0.2607	0.2200	0.1449	OFF	0.1749	OFF	0.1244	OFF	
	04:00 PM	OFF	OFF	OFF	0.0901	0.1587	0.1431	0.1412	0.2568	0.2147	0.1415	OFF	0.1500	OFF	0.1297	OFF	
	08:00 PM	OFF	OFF	OFF	0.0900	0.1582	0.1420	0.1422	0.2575	0.2175	0.1430	OFF	0.1513	OFF	0.1249	OFF	
	AVG	OFF	OFF	OFF	0.0972	0.1456	0.1283	0.1505	0.2636	0.2256	0.1449	OFF	0.1592	OFF	0.1306	OFF	
9/23/2020	12:00 AM	OFF	OFF	OFF	0.0920	0.1575	0.1431	0.1472	0.2566	0.2209	0.1456	OFF	0.1562	OFF	0.1306	OFF	
	04:00 AM	OFF	OFF	OFF	0.0892	0.1516	0.1325	0.1382	0.2491	0.2133	0.1445	OFF	0.1540	OFF	0.1283	OFF	
	08:00 AM	OFF	OFF	OFF	0.0876	0.1497	0.1257	0.1423	0.2456	0.2094	0.1405	OFF	0.1658	OFF	0.1173	OFF	
	12:00 PM	OFF	OFF	OFF	0.0835	0.1428	0.1130	OFF	0.2428	0.1988	0.1680	OFF	0.1716	OFF	0.1176	OFF	
	04:00 PM	OFF	OFF	OFF	0.0814	0.1426	0.1121	OFF	0.2387	0.1910	0.1675	OFF	0.1487	OFF	0.1123	OFF	
	08:00 PM	OFF	OFF	OFF	0.0853	0.1491	0.1219	OFF	0.2425	0.1986	0.1765	OFF	0.1542	OFF	0.1236	OFF	
	AVG	OFF	OFF	OFF	0.0867	0.1491	0.1254	0.1428	0.2461	0.2054	0.1593	OFF	0.1587	OFF	0.1216	OFF	
9/24/2020	12:00 AM	OFF	OFF	OFF	0.0868	0.1463	0.1191	OFF	0.2427	0.1963	0.1721	OFF	0.1565	OFF	0.1221	OFF	
	04:00 AM	OFF	OFF	OFF	0.0869	0.1490	0.1240	OFF	0.2470	0.2023	0.1749	OFF	0.1575	OFF	0.1240	OFF	
	08:00 AM	OFF	OFF	OFF	0.0981	0.1664	0.1551	0.2640	0.2650	0.2301	0.2044	OFF	0.1659	OFF	0.1524	OFF	
	12:00 PM	OFF	OFF	OFF	0.1202	0.1725	0.1782	0.2876	0.2802	0.2511	0.2167	OFF	OFF	OFF	0.1653	OFF	
	04:00 PM	OFF	OFF	OFF	0.1269	0.1739	0.1644	0.2644	0.2724	0.2395	0.2154	OFF	OFF	OFF	0.1596	OFF	
	08:00 PM	OFF	OFF	OFF	0.1110	0.1605	0.1342	0.2085	0.2576	0.2157	0.1867	OFF	OFF	OFF	0.1383	OFF	
	AVG	OFF	OFF	OFF	0.1050	0.1620	0.1471	0.2563	0.2610	0.2230	0.1960	OFF	0.1582	OFF	0.1439	OFF	
9/25/2020	12:00 AM	OFF	OFF	OFF	0.0998	0.1526	0.1236	0.1865	0.2499	0.2067	0.1761	OFF	OFF	OFF	0.1268	OFF	
	04:00 AM	OFF	OFF	OFF	0.0940	0.1457	0.1126	0.1677	0.2396	0.1966	0.1658	OFF	OFF	OFF	0.1262	OFF	
	08:00 AM	OFF	OFF	OFF	0.0876	0.1408	0.1059	0.1574	0.2327	0.1890	0.1596	OFF	OFF	OFF	0.1182	OFF	
	12:00 PM	OFF	OFF	OFF	0.0853	0.1380	0.1021	0.1543	OFF	0.1885	0.1582	OFF	OFF	OFF	OFF	OFF	
	04:00 PM	OFF	OFF	OFF	0.0816	0.1352	0.0963	0.1474	0.2644	0.1809	0.1537	OFF	0.2018	OFF	0.1665	OFF	
	08:00 PM	OFF	OFF	OFF	0.0812	0.1342	0.0937	0.1445	0.2589	0.1796	0.1524	OFF	0.1914	OFF	0.1543	OFF	
	AVG	OFF	OFF	OFF	0.0883	0.1415	0.1062	0.1604	0.2511	0.1906	0.1614	OFF	0.1948	OFF	0.1357	OFF	
9/26/2020	12:00 AM	OFF	OFF	OFF	0.0794	0.1327	0.0900	0.1397	0.2570	0.1763	0.1492	OFF	0.1863	OFF	0.1387	OFF	
	04:00 AM	OFF	OFF	OFF	0.0784	0.1314	0.0867	0.1359	0.2516	0.1715	0.1466	OFF	0.1835	OFF	0.1312	OFF	
	08:00 AM	OFF	OFF	OFF	0.0778	0.1327	0.0851	0.1273	0.2488	0.1704	0.1409	OFF	0.1632	OFF	0.1339	OFF	
	12:00 PM	OFF	OFF	OFF	0.0763	0.1364	0.0842	0.1255	0.2477	0.1707	0.1391	OFF	0.1588	OFF	0.1211	OFF	
	04:00 PM	OFF	OFF	OFF	0.1046	0.1336	0.1329	0.1318	0.2494	0.1701	0.1402	OFF	0.1623	OFF	0.1265	OFF	
	08:00 PM	OFF	OFF	OFF	0.0978	0.1319	0.1210	0.1261	0.2470	0.2077	0.1393	OFF	0.1570	OFF	0.1269	OFF	
	AVG	OFF	OFF	OFF	0.0883	0.1332	0.1000	0.1313	0.2504	0.1802	0.1426	OFF	0.1688	OFF	0.1298	OFF	
9/27/2020	12:00 AM	OFF	OFF	OFF	0.0965	0.1329	0.1169	0.1267	0.2513	0.2028	0.1401	OFF	0.1579	OFF	0.1213	OFF	
	04:00 AM	OFF	OFF	OFF	0.0958	0.1337	0.1146	0.1269	0.2523	0.2000	0.1406	OFF	0.1574	OFF	0.1242	OFF	
	08:00 AM	OFF	OFF	OFF	0.0945	0.1338	0.1108	0.1290	0.2496	0.1990	0.1421	OFF	0.1607	OFF	0.1301	OFF	
	12:00 PM	OFF	OFF	OFF	0.0929	0.1532	0.1055	0.1271	0.2476	0.1929	0.1430	OFF	0.1651	OFF	0.1218	OFF	
	04:00 PM	OFF	OFF	OFF	0.0905	0.1479	0.1033	0.1230	0.2481	0.1900	0.1958	OFF	0.1526	OFF	0.1185	OFF	
	08:00 PM	OFF	OFF	OFF	0.0904	0.1457	0.1037	0.1219	0.2472	0.1899	0.1752	OFF	0.1535	OFF	0.1220	OFF	
	AVG	OFF	OFF	OFF	0.0933	0.1411	0.1095	0.1258	0.2494	0.1959	0.1503	OFF	0.1579	OFF	0.1230	OFF	
9/28/2020	12:00 AM	OFF	OFF	OFF	0.0904	0.1436	0.1004	0.1212	0.2481	0.1861	0.1612	OFF	0.1516	OFF	0.1248	OFF	
	04:00 AM	OFF	OFF	OFF	0.0904	0.1427	0.0979	0.1203	0.2456	0.1836	0.1567	OFF	0.1505	OFF	0.1197	OFF	
	08:00 AM	OFF	OFF	OFF	0.0883	0.1410	0.0954	0.1182	0.2433	0.1829	0.1545	OFF	0.1482	OFF	0.1197	OFF	
	12:00 PM	OFF	OFF	OFF	0.0901	0.1424	0.0991	0.1656	0.2282	0.1870	0.1573	OFF	0.1648	OFF	0.1219	OFF	
	04:00 PM	OFF	OFF	OFF	0.0904	0.1413	0.1010	0.1569	0.2799	0.1886	0.1557	OFF	0.1571	OFF	0.1543	OFF	
	08:00 PM	OFF	OFF	OFF	0.0879	0.1398	0.0964	0.1438	0.2700	0.1816	0.1498	OFF	0.1501	OFF	0.1526	OFF	
	AVG	OFF	OFF	OFF	0.0897	0.1418	0.0984	0.1410	0.2554	0.1851	0.1559	OFF	0.1538	OFF	0.1294	OFF	

J.H. Fewell (TF081) Turbidity Compliance Report

Date	Hour	FILTERS (NTU)															
		#12	#14	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	
9/29/2020	12:00 AM	OFF	OFF	OFF	0.0868	0.1387	0.0964	0.1389	0.2645	0.1802	0.1475	OFF	0.1486	OFF	0.1492	OFF	
	04:00 AM	OFF	OFF	OFF	0.0863	0.1379	0.0942	0.1354	0.2607	0.1824	0.1458	OFF	0.1478	OFF	0.1360	OFF	
	08:00 AM	OFF	OFF	OFF	0.0860	0.1365	0.0910	0.1374	0.2579	0.1820	0.1451	OFF	0.1731	OFF	0.1367	OFF	
	12:00 PM	OFF	OFF	OFF	0.1086	0.1364	0.1175	0.1350	0.2638	0.1796	0.1459	OFF	0.1719	OFF	0.1352	OFF	
	04:00 PM	OFF	OFF	OFF	0.1088	0.1373	0.1296	0.1368	0.2675	0.1810	0.1470	OFF	0.1726	OFF	0.1384	OFF	
	08:00 PM	OFF	OFF	OFF	0.1083	0.1394	0.1269	0.1398	0.2691	0.1856	0.1495	OFF	0.1734	OFF	0.1354	OFF	
	AVG	OFF	OFF	OFF	0.0965	0.1377	0.1104	0.1372	0.2641	0.1818	0.1468	OFF	0.1646	OFF	0.1388	OFF	
9/30/2020	12:00 AM	OFF	OFF	OFF	0.1102	0.1409	0.1260	0.1436	0.2749	0.1912	0.1525	OFF	0.1767	OFF	0.1394	OFF	
	04:00 AM	OFF	OFF	OFF	0.1077	0.1387	0.1144	0.1359	0.2658	0.1852	0.1474	OFF	0.1711	OFF	0.1384	OFF	
	08:00 AM	OFF	OFF	OFF	0.1002	0.1356	0.1033	0.1280	0.2582	0.1776	0.1410	OFF	0.1626	OFF	0.1309	OFF	
	12:00 PM	OFF	OFF	OFF	0.0969	0.1344	0.1035	0.1285	0.2596	0.2314	0.1411	OFF	0.1631	OFF	0.1367	OFF	
	04:00 PM	OFF	OFF	OFF	0.0994	0.1362	0.1090	0.1304	0.2630	0.2223	0.1928	OFF	0.1597	OFF	0.1329	OFF	
	08:00 PM	OFF	OFF	OFF	0.1027	0.1376	0.1126	0.1329	0.2617	0.2189	0.1790	OFF	0.1641	OFF	0.1343	OFF	
	AVG	OFF	OFF	OFF	0.1025	0.1373	0.1118	0.1335	0.2641	0.2050	0.1585	OFF	0.1661	OFF	0.1349	OFF	

JH Fewell (TF081) UV Compliance

System ID 250008-01			Month of September 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/cm²)	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm²)	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm²)	Min UVT (%)	Run Time (Hrs)	Calc Min Dose (mJ/cm²)	Min UVT (%)								
9/1/2020	15.9	15917893	OFFLINE	23.6	27	85	24.0	26	75	OFFLINE			OFFLINE			OFFLINE						
9/2/2020	14.6	14641190		23.6	28	85	10.6	26	75	9.9	25	87	24.0	24	87	24.0	24	87				
9/3/2020	15.5	15469519		19.3	28	85	4.2	27	75	24.0	25	87	24.0	24	87	24.0	24	87				
9/4/2020	15.6	15627215		OFFLINE			24.0	26	75	24.0	24	87	24.0	24	87	24.0	24	87				
9/5/2020	15.6	15627417					24.0	26	75	24.0	24	87	24.0	24	87	24.0	24	87				
9/6/2020	14.1	14057793					24	25	75	19.6	25	87	24.0	24	87	24.0	24	87				
9/7/2020	15.6	15593070					24	26	75	24.0	27	87	24.0	27	87	24.0	27	87				
9/8/2020	15.7	15653862					24	27	75	24.0	26	87	24.0	26	87	24.0	26	87				
9/9/2020	14.8	14811582					21.2	27	75	24.0	26	87	24.0	26	87	24.0	26	87				
9/10/2020	15.2	15203794					22.3	26	75	24.0	28	87	24.0	28	87	24.0	28	87				
9/11/2020	15.8	15793080					24	25	75	24.0	28	87	24.0	28	87	24.0	28	87				
9/12/2020	15.6	15555705					24	25	75	24.0	28	87	24.0	28	87	24.0	28	87				
9/13/2020	13.9	13879619					18.7	29	75	24.0	26	87	24.0	26	87	24.0	26	87				
9/14/2020	14.3	14344606					24	26	75	19.5	28	87	24	26	75	24	29	87				
9/15/2020	15.6	15635996					24	26	75	24	28	87	24	26	75	24	30	87				
9/16/2020	15.6	15588332					24	26	75	24	29	87	24	26	75	24	30	87				
9/17/2020	14.3	14302080					11.2	29	85	9.2	26	75	24	30	87	24	30	87				
9/18/2020	15.4	15385715					24	28	85	OFFLINE	OFFLINE	OFFLINE	24	30	87	24	30	87				
9/19/2020	15.6	15620271					24	28	85				24	30	87	24	30	87				
9/20/2020	15.6	15610651					24	28	85				24	30	87	24	30	87				
9/21/2020	15.6	15619125					24	28	85				24	30	87	24	30	87				
9/22/2020	15.4	15366228					24	29	85				24	30	87	24	30	87				
9/23/2020	15.3	15297017					24	28	85				24	30	87	24	30	87				
9/24/2020	15.3	15287374					24	25	85				24	30	87	24	30	87				
9/25/2020	15.3	15311323					24	27	85				24	30	87	24	30	87				
9/26/2020	15.3	15253497					24	25	85				24	30	87	24	30	87				
9/27/2020	14.6	14626862					24.0	25	85	5.9	27	75	15.5	30	87	OFFLINE						
9/28/2020	14.9	14943292					24.0	26	85	20.9	26	75	OFFLINE			OFFLINE						
9/29/2020	15.1	15089332	2.0	27	85	18.7	25	85	24.0	24	75											
9/30/2020	15.2	15248047	OFFLINE			21.3	27	85	24.0	24	75											

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

System ID **250008-02**
Month of **September 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	3.3	19	3.2	25	2.4
2	2.3	8	3.0	14	3.0	20	2.5	26	1.5
3	1.9	9	1.4	15	2.4	21	2.5	27	2.0
4	1.7	10	3.2	16	2.1	22	2.4	28	2.5
5	1.9	11	3.3	17	2.8	23	2.4	29	2.6
6	1.7	12	3.3	18	2.9	24	2.4	30	2.5

- | | |
|--|-----------|
| 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. | 9/26/2020 |

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

System ID 250008-02
Month of September 2020

Sep 2020	TURBIDITIES (NTU)			
	RAW	SETTLED	FILTERS	FINISHED
9/1	1.8938	0.5362	0.0866	0.1931
9/2	2.3062	0.4806	0.0900	0.1569
9/3	2.6125	0.3825	0.0909	0.2025
9/4	3.1063	0.4313	0.1014	0.2556
9/5	3.7750	0.4694	0.1178	0.1444
9/6	4.3125	0.3375	0.1081	0.1456
9/7	5.5125	0.2013	0.0984	0.1375
9/8	7.0312	0.1775	0.0984	0.1513
9/9	7.5187	0.1875	0.0979	0.2600
9/10	7.8687	0.1994	0.1063	0.1356
9/11	7.6812	0.2169	0.1136	0.1562
9/12	7.4125	0.2650	0.1243	0.1625
9/13	6.5312	0.2044	0.1017	0.1519
9/14	5.4938	0.1669	0.1061	0.2425
9/15	3.7062	0.3519	0.1083	0.1488
9/16	3.2500	0.2525	0.0990	0.1819
9/17	2.9500	0.2212	0.0971	0.1350
9/18	2.9813	0.1963	0.1152	0.1344
9/19	3.0750	0.2350	0.1125	0.1388
9/20	3.1937	0.4306	0.1033	0.1506
9/21	3.3125	0.3644	0.1085	0.1406
9/22	3.4437	0.3975	0.1185	0.1425
9/23	3.4500	0.4237	0.1093	0.1369
9/24	3.4625	0.5037	0.1054	0.1262
9/25	3.5813	0.7375	0.1120	0.1187
9/26	3.7938	0.4850	0.1103	0.1331
9/27	4.0000	0.3325	0.0946	0.1250
9/28	4.0188	0.2738	0.0895	0.1269
9/29	3.9000	0.2656	0.1022	0.1256
9/30	3.8187	0.2650	0.1168	0.1294
MIN	1.8938	0.1669	0.0866	0.1187
MAX	7.8687	0.7375	0.1243	0.2600
AVG	4.2998	0.3331	0.1048	0.1332

O. B. Curtis Conventional (TF082)
Turbidity Compliance Based on Finished Water

System ID
Month of

250008-02
September 2020

Sep 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
9/1	0.1356	0.1931	0.1338	0.1250	0.1231	0.1250
9/2	0.1238	0.1569	0.1219	0.1238	0.1175	0.1187
9/3	0.1250	0.2025	0.1262	0.1231	0.1206	0.1187
9/4	0.1219	0.2556	0.1275	0.1156	0.1163	0.1213
9/5	0.1275	0.1406	0.1437	0.1444	0.1344	0.1331
9/6	0.1375	0.1381	0.1456	0.1437	0.1456	0.1437
9/7	0.1375	0.1369	0.1319	0.1287	0.1269	0.1262
9/8	0.1200	0.1312	0.1294	0.1412	0.1244	0.1513
9/9	0.1344	0.2600	0.1431	0.1425	0.1375	0.1325
9/10	0.1344	0.1350	0.1344	0.1356	0.1338	0.1331
9/11	0.1394	0.1556	0.1431	0.1000	0.1562	0.1425
9/12	0.1456	0.1488	0.1587	0.1625	0.1481	0.1488
9/13	0.1475	0.1437	0.1412	0.1369	0.1519	0.1381
9/14	0.2425	0.1350	0.1394	0.1475	0.1375	0.1388
9/15	0.1394	0.1419	0.1400	0.1369	0.1488	0.1475
9/16	0.1450	0.1406	0.1362	0.1331	0.1306	0.1819
9/17	0.1275	0.1256	0.1250	0.1350	0.1238	0.1238
9/18	0.1256	0.1262	0.1262	0.1338	0.1294	0.1344
9/19	0.1388	0.1369	0.1356	0.1344	0.1306	0.1300
9/20	0.1312	0.1287	0.1506	0.1287	0.1275	0.1250
9/21	0.1287	0.1200	0.1406	0.1294	0.1306	0.1325
9/22	0.1356	0.1356	0.1388	0.1425	0.1394	0.1356
9/23	0.1306	0.1275	0.1369	0.1187	0.1106	0.1056
9/24	0.1262	0.1231	0.1088	0.1112	0.1025	0.1025
9/25	0.1088	0.1088	0.1019	0.0975	0.1150	0.1187
9/26	0.1238	0.1281	0.1287	0.1331	0.1262	0.1231
9/27	0.1250	0.1238	0.1225	0.1194	0.1200	0.1163
9/28	0.1156	0.1163	0.1200	0.1131	0.1112	0.1269
9/29	0.1088	0.1256	0.1106	0.1081	0.1125	0.1175
9/30	0.1181	0.1156	0.1287	0.1250	0.1244	0.1294
MIN	0.1088	0.1088	0.1019	0.0975	0.1025	0.1025
MAX	0.2425	0.2600	0.1587	0.1625	0.1562	0.1819
AVG	0.1334	0.1452	0.1324	0.1290	0.1286	0.1308

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

System ID 250008-02
Month of September 2020

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

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

Date	Hour	FILTERS (NTU)					
		#1	#2	#3	#4	#5	#6
09/01/20	12:00 AM	0.0622	OFF	0.0808	0.0865	OFF	0.0635
	4:00 AM	0.0606	OFF	0.0788	0.0848	OFF	0.0620
	8:00 AM	0.0598	OFF	0.0781	0.0841	OFF	0.0608
	12:00 PM	0.0614	OFF	0.0794	0.0866	OFF	0.0618
	4:00 PM	0.0591	OFF	0.0796	0.0826	OFF	0.0609
	8:00 PM	0.0582	OFF	0.0776	0.0809	OFF	0.0608
	AVG	0.0602	OFF	0.0790	0.0843	OFF	0.0616
09/02/20	12:00 AM	0.0580	OFF	0.0776	0.0810	OFF	0.0584
	4:00 AM	0.0568	OFF	0.0821	0.0795	OFF	0.0583
	8:00 AM	0.0555	OFF	0.0682	0.0793	OFF	0.0566
	12:00 PM	0.0554	OFF	0.0734	0.0836	OFF	0.0590
	4:00 PM	0.0587	OFF	0.0794	0.0871	OFF	0.0627
	8:00 PM	0.0629	OFF	0.0843	0.0900	OFF	0.0662
	AVG	0.0579	OFF	0.0775	0.0834	OFF	0.0602
09/03/20	12:00 AM	0.0641	OFF	0.0859	0.0909	OFF	0.0638
	4:00 AM	0.0623	OFF	0.0803	0.0865	OFF	0.0626
	8:00 AM	0.0604	OFF	0.0761	0.0828	OFF	0.0599
	12:00 PM	0.0583	OFF	0.0760	0.0826	OFF	0.0573
	4:00 PM	0.0595	OFF	0.0796	0.0853	OFF	0.0593
	8:00 PM	0.0628	OFF	0.0841	0.0892	OFF	0.0632
	AVG	0.0612	OFF	0.0803	0.0862	OFF	0.0610
09/04/20	12:00 AM	0.0620	OFF	0.0799	0.0858	OFF	0.0603
	4:00 AM	0.0615	OFF	0.0786	0.0846	OFF	0.0596
	8:00 AM	0.0617	OFF	0.0778	0.0841	OFF	0.0574
	12:00 PM	0.0620	OFF	0.0806	0.0862	OFF	0.0608
	4:00 PM	OFF	OFF	0.0905	0.0944	OFF	0.0667
	8:00 PM	0.0829	OFF	0.0984	0.1014	OFF	0.0713
	AVG	0.0688	OFF	0.0843	0.0894	OFF	0.0627
09/05/20	12:00 AM	0.0965	OFF	0.1178	0.1174	OFF	0.0817
	4:00 AM	0.0777	OFF	0.1039	0.1057	OFF	0.0753
	8:00 AM	0.0739	OFF	0.1008	0.1031	OFF	0.0730
	12:00 PM	0.0709	OFF	0.0983	0.1012	OFF	0.0705
	4:00 PM	0.0763	OFF	0.1014	0.1034	OFF	0.0728
	8:00 PM	0.0769	OFF	0.1020	0.1037	OFF	0.0735
	AVG	0.0787	OFF	0.1040	0.1058	OFF	0.0744
09/06/20	12:00 AM	0.0706	OFF	0.0959	0.0987	OFF	0.0682
	4:00 AM	0.0827	OFF	0.1076	0.1080	OFF	0.0747
	8:00 AM	0.0801	OFF	0.1075	0.1081	OFF	0.0882
	12:00 PM	0.0691	OFF	0.0987	0.1001	OFF	0.0869
	4:00 PM	0.0650	OFF	0.0950	0.0967	OFF	0.0802
	8:00 PM	0.0645	OFF	0.0936	0.0952	OFF	0.0783
	AVG	0.0720	OFF	0.0997	0.1011	OFF	0.0794
09/07/20	12:00 AM	0.0653	OFF	0.0941	0.0951	OFF	0.0785
	4:00 AM	0.0634	OFF	0.0929	0.0984	OFF	0.0737
	8:00 AM	0.0634	OFF	0.0920	0.0940	OFF	0.0716
	12:00 PM	0.0605	OFF	0.0881	0.0904	OFF	0.0680
	4:00 PM	0.0624	OFF	0.0883	0.0930	OFF	0.0721
	8:00 PM	0.0643	OFF	0.0925	0.0940	OFF	0.0731
	AVG	0.0632	OFF	0.0913	0.0942	OFF	0.0728
09/08/20	12:00 AM	0.0637	OFF	0.0870	0.0903	OFF	0.0673
	4:00 AM	0.0629	OFF	0.0836	0.0873	OFF	0.0634
	8:00 AM	0.0690	OFF	0.0853	0.0886	OFF	0.0652
	12:00 PM	0.0608	OFF	0.0865	0.0893	OFF	0.0658
	4:00 PM	0.0647	OFF	0.0906	0.0931	OFF	0.0710
	8:00 PM	0.0660	OFF	0.0913	0.0939	OFF	0.0717
	AVG	0.0645	OFF	0.0874	0.0904	OFF	0.0674

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
09/09/20	12:00 AM	0.0635	OFF	0.0876	0.0907	OFF	0.0661
	4:00 AM	0.0721	OFF	0.0956	0.0979	OFF	0.0732
	8:00 AM	0.0686	OFF	0.0939	0.0966	OFF	0.0736
	12:00 PM	0.0639	OFF	0.0916	0.0947	OFF	0.0681
	4:00 PM	0.0633	OFF	0.0907	0.0941	OFF	0.0675
	8:00 PM	0.0658	OFF	0.0939	0.0968	OFF	0.0695
	AVG	0.0662	OFF	0.0922	0.0951	OFF	0.0697
09/10/20	12:00 AM	0.0676	OFF	0.0962	0.0988	OFF	0.0704
	4:00 AM	0.0678	OFF	0.0961	0.0985	OFF	0.0699
	8:00 AM	0.0656	OFF	0.0951	0.0978	OFF	0.0703
	12:00 PM	0.0644	OFF	0.0958	0.0983	OFF	0.0706
	4:00 PM	0.0677	OFF	0.0991	0.1014	OFF	0.0739
	8:00 PM	0.0722	OFF	0.1046	0.1063	OFF	0.0801
	AVG	0.0676	OFF	0.0978	0.1002	OFF	0.0725
09/11/20	12:00 AM	0.0747	OFF	0.1089	0.1101	OFF	0.0778
	4:00 AM	0.0760	OFF	0.1121	0.1132	OFF	0.0789
	8:00 AM	0.0767	OFF	0.1124	0.1136	OFF	0.0804
	12:00 PM	0.0731	OFF	0.1093	0.1111	OFF	0.0785
	4:00 PM	0.0721	OFF	0.1075	0.1095	OFF	0.0770
	8:00 PM	0.0748	OFF	0.1106	0.1122	OFF	0.0792
	AVG	0.0746	OFF	0.1101	0.1116	OFF	0.0786
09/12/20	12:00 AM	0.0765	OFF	0.1115	0.1128	OFF	0.0786
	4:00 AM	0.0774	OFF	0.1160	0.1170	OFF	0.1040
	8:00 AM	0.0770	OFF	0.1128	0.1243	OFF	0.0878
	12:00 PM	0.0946	OFF	0.1119	0.1095	OFF	0.0877
	4:00 PM	0.0751	OFF	0.1160	0.1030	OFF	0.0807
	8:00 PM	0.0740	OFF	0.1011	0.1018	OFF	0.0796
	AVG	0.0791	OFF	0.1116	0.1114	OFF	0.0864
09/13/20	12:00 AM	0.0722	OFF	0.0997	0.1007	OFF	0.0745
	4:00 AM	0.0705	OFF	0.0984	0.0998	OFF	0.0772
	8:00 AM	0.0715	OFF	0.1004	0.1015	OFF	0.0775
	12:00 PM	0.0693	OFF	0.1009	0.1017	OFF	0.0791
	4:00 PM	0.0692	OFF	0.1003	0.1017	OFF	0.0778
	8:00 PM	0.0644	OFF	0.0941	0.0964	OFF	0.0710
	AVG	0.0695	OFF	0.0990	0.1003	OFF	0.0762
09/14/20	12:00 AM	0.0627	OFF	0.0930	0.0956	OFF	0.0683
	4:00 AM	0.0661	OFF	0.0972	0.0996	OFF	0.0745
	8:00 AM	0.0710	OFF	0.1035	0.1055	OFF	0.0789
	12:00 PM	0.0689	OFF	0.1035	0.1056	OFF	0.0794
	4:00 PM	0.0701	OFF	0.1042	0.1061	OFF	0.0785
	8:00 PM	0.0695	OFF	0.1026	0.1043	OFF	0.0791
	AVG	0.0681	OFF	0.1007	0.1028	OFF	0.0765
09/15/20	12:00 AM	0.0678	OFF	0.1000	0.1015	OFF	0.0739
	4:00 AM	0.0689	OFF	0.1002	0.1016	OFF	0.0732
	8:00 AM	0.0761	OFF	0.1058	0.1074	OFF	0.0790
	12:00 PM	OFF	OFF	0.1083	0.1083	OFF	0.0840
	4:00 PM	0.0713	OFF	0.1072	0.1083	OFF	0.0774
	8:00 PM	0.0687	OFF	0.0989	0.1005	OFF	0.0745
	AVG	0.0705	OFF	0.1034	0.1046	OFF	0.0770
09/16/20	12:00 AM	0.0688	OFF	0.0973	0.0990	OFF	0.0690
	4:00 AM	0.0686	OFF	0.0952	0.0971	OFF	0.0684
	8:00 AM	0.0702	OFF	0.0967	0.0985	OFF	0.0701
	12:00 PM	0.0686	OFF	0.0955	0.0974	OFF	0.0683
	4:00 PM	0.0676	OFF	0.0936	0.0957	OFF	0.0667
	8:00 PM	0.0807	OFF	0.0929	0.0950	OFF	0.0651
	AVG	0.0707	OFF	0.0952	0.0971	OFF	0.0680

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
09/17/20	12:00 AM	0.0672	OFF	0.0915	0.0936	OFF	0.0626
	4:00 AM	0.0706	OFF	0.0925	0.0947	OFF	0.0644
	8:00 AM	0.0712	OFF	0.0948	0.0969	OFF	0.0673
	12:00 PM	0.0699	OFF	0.0920	0.0943	OFF	0.0624
	4:00 PM	0.0732	OFF	0.0935	0.0958	OFF	0.0643
	8:00 PM	0.0755	OFF	0.0951	0.0971	OFF	0.0661
	AVG	0.0713	OFF	0.0932	0.0954	OFF	0.0645
09/18/20	12:00 AM	0.0755	OFF	0.0960	0.0979	OFF	0.0903
	4:00 AM	0.0783	OFF	0.1064	0.1091	OFF	0.0793
	8:00 AM	0.0792	OFF	0.1043	0.1056	OFF	0.0806
	12:00 PM	0.0793	OFF	0.1051	0.1077	OFF	0.0838
	4:00 PM	0.0827	OFF	0.1111	0.1129	OFF	0.0877
	8:00 PM	0.0847	OFF	0.1136	0.1152	OFF	0.0910
	AVG	0.0799	OFF	0.1061	0.1081	OFF	0.0854
09/19/20	12:00 AM	0.0828	OFF	0.1107	0.1125	OFF	0.0837
	4:00 AM	0.0818	OFF	0.1086	0.1106	OFF	0.0832
	8:00 AM	0.0806	OFF	0.1059	0.1083	OFF	0.0821
	12:00 PM	0.0776	OFF	0.1026	0.1053	OFF	0.0804
	4:00 PM	0.0773	OFF	0.1019	0.1050	OFF	0.0783
	8:00 PM	0.0780	OFF	0.0997	0.1030	OFF	0.0778
	AVG	0.0797	OFF	0.1049	0.1074	OFF	0.0809
09/20/20	12:00 AM	0.0776	OFF	0.0974	0.1008	OFF	0.0719
	4:00 AM	0.0796	OFF	0.0995	0.1026	OFF	0.0733
	8:00 AM	0.0804	OFF	0.1001	0.1033	OFF	0.0757
	12:00 PM	0.0763	OFF	0.0963	0.0999	OFF	0.0728
	4:00 PM	0.0760	OFF	0.0976	0.1012	OFF	0.0738
	8:00 PM	0.0769	OFF	0.0973	0.1008	OFF	0.0735
	AVG	0.0778	OFF	0.0980	0.1014	OFF	0.0735
09/21/20	12:00 AM	0.0775	OFF	0.0957	0.0990	OFF	0.0693
	4:00 AM	0.0895	OFF	0.0987	0.1018	OFF	0.0749
	8:00 AM	0.0859	OFF	0.1034	0.1064	OFF	0.0788
	12:00 PM	0.0889	OFF	0.1053	0.1079	OFF	0.0817
	4:00 PM	0.0890	OFF	0.1061	0.1084	OFF	0.0793
	8:00 PM	0.0881	OFF	0.1065	0.1085	OFF	0.0815
	AVG	0.0865	OFF	0.1026	0.1053	OFF	0.0776
09/22/20	12:00 AM	0.0893	OFF	0.1071	0.1093	OFF	0.0787
	4:00 AM	0.0922	OFF	0.1089	0.1106	OFF	0.0841
	8:00 AM	0.0908	OFF	0.1185	0.1117	OFF	0.1002
	12:00 PM	0.0826	OFF	0.1032	0.1145	OFF	0.0825
	4:00 PM	0.0811	OFF	0.1008	0.1016	OFF	0.0780
	8:00 PM	0.0808	OFF	0.1006	0.1018	OFF	0.0790
	AVG	0.0861	OFF	0.1065	0.1082	OFF	0.0837
09/23/20	12:00 AM	0.0762	OFF	0.0953	0.0970	OFF	0.0699
	4:00 AM	0.0807	OFF	0.1016	0.1033	OFF	0.0778
	8:00 AM	0.0811	OFF	0.1019	0.1039	OFF	0.0798
	12:00 PM	0.0819	OFF	0.1031	0.1056	OFF	0.0820
	4:00 PM	0.0847	OFF	0.1069	0.1093	OFF	0.0857
	8:00 PM	0.0855	OFF	0.1053	0.1078	OFF	0.0856
	AVG	0.0817	OFF	0.1024	0.1045	OFF	0.0801
09/24/20	12:00 AM	0.0834	OFF	0.1028	0.1054	OFF	0.0808
	4:00 AM	0.0834	OFF	0.1028	0.1053	OFF	0.0802
	8:00 AM	0.0811	OFF	0.0986	0.1015	OFF	0.0767
	12:00 PM	0.0860	OFF	0.0960	0.0992	OFF	0.0745
	4:00 PM	0.0872	OFF	0.0965	0.0998	OFF	0.0760
	8:00 PM	0.0820	OFF	0.0930	0.0967	OFF	0.0724
	AVG	0.0838	OFF	0.0983	0.1013	OFF	0.0768

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

		FILTERS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
09/25/20	12:00 AM	0.0783	OFF	0.0961	0.0948	OFF	0.0691
	4:00 AM	0.0760	OFF	0.0913	0.0940	OFF	0.0697
	8:00 AM	0.0753	OFF	0.0875	0.0926	OFF	0.0674
	12:00 PM	0.0781	OFF	0.0921	0.0939	OFF	0.0685
	4:00 PM	0.0843	OFF	0.0988	0.0960	OFF	0.0711
	8:00 PM	0.0953	OFF	0.1120	0.1024	OFF	0.0772
	AVG	0.0812	OFF	0.0963	0.0956	OFF	0.0705
09/26/20	12:00 AM	0.0925	OFF	0.1074	0.1000	OFF	0.0727
	4:00 AM	0.0848	OFF	0.1009	0.1103	OFF	0.0792
	8:00 AM	0.0791	OFF	0.0929	0.0963	OFF	0.0750
	12:00 PM	0.0778	OFF	0.0908	0.0962	OFF	0.0713
	4:00 PM	0.0800	OFF	0.0931	0.0991	OFF	0.0737
	8:00 PM	0.0811	OFF	0.0953	0.1014	OFF	0.0771
	AVG	0.0825	OFF	0.0967	0.1006	OFF	0.0748
09/27/20	12:00 AM	0.0756	OFF	0.0894	0.0946	OFF	0.0677
	4:00 AM	0.0744	OFF	0.0857	0.0910	OFF	0.0670
	8:00 AM	0.0883	OFF	0.0863	0.0907	OFF	0.0669
	12:00 PM	0.0689	OFF	0.0834	0.0890	OFF	0.0645
	4:00 PM	0.0710	OFF	0.0845	0.0906	OFF	0.0653
	8:00 PM	0.0719	OFF	0.0854	0.0913	OFF	0.0673
	AVG	0.0750	OFF	0.0858	0.0912	OFF	0.0665
09/28/20	12:00 AM	0.0693	OFF	0.0841	0.0895	OFF	0.0658
	4:00 AM	0.0681	OFF	0.0840	0.0891	OFF	0.0645
	8:00 AM	0.0678	OFF	0.0868	0.0889	OFF	0.0645
	12:00 PM	0.0674	OFF	0.0875	0.0879	OFF	0.0640
	4:00 PM	0.0686	OFF	0.0785	0.0879	OFF	0.0637
	8:00 PM	0.0681	OFF	0.0789	0.0877	OFF	0.0627
	AVG	0.0683	OFF	0.0833	0.0885	OFF	0.0642
09/29/20	12:00 AM	0.0680	OFF	0.0791	0.0874	OFF	0.0625
	4:00 AM	0.0695	OFF	0.0801	0.0884	OFF	0.0628
	8:00 AM	0.0712	OFF	0.0830	0.0844	OFF	0.0787
	12:00 PM	0.0757	OFF	0.0889	0.0903	OFF	0.0668
	4:00 PM	0.0822	OFF	0.0984	0.1000	OFF	0.0768
	8:00 PM	0.0826	OFF	0.1005	0.1022	OFF	0.0795
	AVG	0.0749	OFF	0.0884	0.0921	OFF	0.0712
09/30/20	12:00 AM	0.0836	OFF	0.1000	0.1022	OFF	0.0786
	4:00 AM	0.0861	OFF	0.1043	0.1069	OFF	0.0834
	8:00 AM	0.0857	OFF	0.1052	0.1076	OFF	0.0857
	12:00 PM	0.0940	OFF	0.1040	0.1063	OFF	0.0822
	4:00 PM	0.1010	OFF	0.1107	0.1131	OFF	0.0912
	8:00 PM	0.1047	OFF	0.1142	0.1168	OFF	0.0985
	AVG	0.0925	OFF	0.1064	0.1088	OFF	0.0866

OB Curtis Conventional (TF082) UV Compliance

System ID	250008-02	Month of	September 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 (%)
9/1/2020	24.0	3140069	25	3	85	OFFLINE					24.0	2928172	27	3	89
9/2/2020	24.0	2837896	26	3	85						22.5	2503993	166	3	89
9/3/2020	24.0	2246713	32	2	85						24.0	3251958	24	3	89
9/4/2020	22.6	1916158	34	2	85						24.0	3359615	24	3	89
9/5/2020	24.0	2737390	26	3	85						24.0	2528990	29	3	89
9/6/2020	24	2983262	25	3	85						24	2763822	28	3	89
9/7/2020	24	2571857	29	3	85						22.1	2784513	255	3	89
9/8/2020	22.9	2223256	31	2	85						24	2646951	29	3	89
9/9/2020	24	2981117	25	3	85						24	2764076	28	3	89
9/10/2020	24	3005970	25	3	85						24	2789720	27	3	89
9/11/2020	24	2708413	27	3	85						24	2985167	26	3	89
9/12/2020	22.5	2335078	29	2	85						22.6	3209381	151	3	89
9/13/2020	24	3035562	25	3	85						24	2817983	27	3	89
9/14/2020	24	3046729	25	3	85						24	2826145	27	3	89
9/15/2020	22.1	2442531	27	2	85						22.3	2956556	183	3	89
9/16/2020	22.6	1955435	33	2	85						24	3518730	23	4	89
9/17/2020	24	3168752	24	3	85						24	2939935	26	3	89
9/18/2020	24	3186851	24	3	85						23	2843527	139	3	89
9/19/2020	24	2617528	28	3	85						24	3239594	24	3	89
9/20/2020	24	1712637	38	2	85						24	3730937	22	4	89
9/21/2020	22.4	2561125	28	3	85						24	3227764	25	3	89
9/22/2020	24	3184980	24	3	85						22.8	2842983	106	3	89
9/23/2020	24	2843264	26	3	85						24	3022617	25	3	89
9/24/2020	22.6	2152783	31	2	85						24	3372365	24	3	89
9/25/2020	24	3078440	25	3	85						22.9	2703447	174	3	89
9/26/2020	24	2836411	27	3	85						24	3109598	26	3	89
9/27/2020	22.2	2478945	27	3	85						24.0	2802642	28	3	89
9/28/2020	24.0	3160196	25	3	85						22.7	2792518	154	3	89
9/29/2020	24.0	3187122	25	3	85						24.0	2972256	27	3	89
9/30/2020	22.0	2914011	23	3	85						24.0	3062359	26	3	89

OB Curtis Conventional (TF082) UV Compliance

System ID	250008-02	Month of	September 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 (%)
9/1/2020	22.6	3021653	25	3	95	OFFLINE					24.0	3172132	37	3	85
9/2/2020	24.0	2951021	26	3	95						24.0	2923610	39	3	85
9/3/2020	24.0	3534115	23	4	95						24.0	3512934	34	4	85
9/4/2020	24.0	3650804	23	4	95						24.0	3621689	33	4	85
9/5/2020	24.0	2780389	27	3	95						24	2754957	40	3	85
9/6/2020	24	3030628	26	3	95						22.9	2816188	62	3	85
9/7/2020	22.6	3072118	25	3	95						24	3271941	36	3	85
9/8/2020	24	2900534	27	3	95						24	2872483	40	3	85
9/9/2020	24	3030762	26	3	95						24	2999699	38	3	85
9/10/2020	24	3051565	26	3	95						24	3025724	38	3	85
9/11/2020	24	3259314	24	3	95						24	3227938	35	3	85
9/12/2020	22.6	3371040	24	3	95						22.9	3287921	35	3	85
9/13/2020	24	3086586	25	3	95						24.0	3055503	37	3	85
9/14/2020	24	3091082	25	3	95						24.0	3058362	37	3	85
9/15/2020	22.3	3223680	24	3	95						22.4	3182027	34	3	85
9/16/2020	24	3825026	22	4	95						24.0	3754870	31	4	85
9/17/2020	24	3209547	25	3	95						23.2	3065669	36	3	85
9/18/2020	23.2	3103327	25	3	95						23.2	3082931	47	3	85
9/19/2020	24	3528168	23	4	95						24	3498324	33	4	85
9/20/2020	24	4047939	21	4	95						24	4016372	30	4	85
9/21/2020	24	3514984	24	4	95						24	3482895	33	4	85
9/22/2020	22.6	3075988	25	3	95						22.3	2968605	36	3	85
9/23/2020	24	3307851	24	3	95						24	3269943	35	3	85
9/24/2020	24	3676644	23	4	95						24	3637166	33	4	85
9/25/2020	24	3126037	25	3	95						24	3094068	37	3	85
9/26/2020	22.9	3189996	25	3	95						22.8	3094735	59	3	85
9/27/2020	24.0	3064249	26	3	95						24.0	3039722	38	3	85
9/28/2020	24.0	3211598	26	3	95						24.0	3181663	37	3	85
9/29/2020	22.7	3048221	25	3	95						22.8	3050228	37	3	85
9/30/2020	24.0	3339452	25	3	95						24.0	3175277	38	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 **September 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	8	3.3	13	3.8	19	3.7	25	2.7
2	3.3	9	3.0	14	3.7	20	3.4	26	2.3
3	3.4	10	2.9	15	2.7	21	3.1	27	3.4
4	1.8	11	2.6	16	3.2	22	2.5	28	2.5
5	3.1	12	2.4	17	3.6	23	2.4	29	2.5
6	3.0		2.5	18	3.6	24	2.6	30	2.0

- | | |
|--|-----------|
| 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. | 9/26/2020 |

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

System ID 250008-02
Month of September 2020

Sep 2020	TURBIDITIES (NTU)		
	RAW	TRAINS	FINISHED
9/1	1.8938	0.1321	0.1072
9/2	2.3062	0.1200	0.1141
9/3	2.6125	0.1207	0.0734
9/4	3.1063	0.0920	0.0703
9/5	3.7750	0.1020	0.0947
9/6	4.3125	0.1120	0.0888
9/7	5.5125	0.0920	0.1181
9/8	7.0312	0.0910	0.1416
9/9	7.5187	0.1040	0.1266
9/10	7.8687	0.1346	0.0975
9/11	7.6812	0.0716	0.0872
9/12	7.4125	0.1427	0.0800
9/13	6.5312	0.0940	0.0787
9/14	5.4938	0.1395	0.0763
9/15	3.7062	0.1360	0.0772
9/16	3.2500	0.1347	0.0678
9/17	2.9500	0.1360	0.0753
9/18	2.9813	0.1383	0.0500
9/19	3.0750	0.0629	0.0800
9/20	3.1937	0.1293	0.0734
9/21	3.3125	0.1340	0.1353
9/22	3.4437	0.1250	0.0603
9/23	3.4500	0.1237	0.0616
9/24	3.4625	0.1199	0.0466
9/25	3.5813	0.1240	0.0472
9/26	3.7938	0.1292	0.0559
9/27	4.0000	0.1360	0.0559
9/28	4.0188	0.1500	0.2275
9/29	3.9000	0.1483	0.0516
9/30	3.8187	0.0969	0.0506
MIN	1.8938	0.0629	0.0466
MAX	7.8687	0.1500	0.2275
AVG	4.2998	0.1191	0.0857

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

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

Sep 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
9/1	0.1072	0.0797	0.0888	0.0919	0.0781	0.0759
9/2	0.0794	0.0794	0.1141	0.0850	0.0653	0.0625
9/3	0.0659	0.0691	0.0712	0.0722	0.0734	0.0666
9/4	0.0678	0.0694	0.0703	0.0628	0.0697	0.0600
9/5	0.0675	0.0828	0.0784	0.0947	0.0847	0.0803
9/6	0.0847	0.0888	0.0881	0.0812	0.0828	0.0819
9/7	0.0828	0.1181	0.0894	0.0894	0.0956	0.0991
9/8	0.1022	0.1203	0.1259	0.1416	0.0956	0.0916
9/9	0.0847	0.1156	0.1103	0.1084	0.1006	0.1266
9/10	0.0975	0.0822	0.0872	0.0934	0.0903	0.0844
9/11	0.0872	0.0844	0.0862	0.0803	0.0744	0.0706
9/12	0.0691	0.0800	0.0644	0.0628	0.0741	0.0787
9/13	0.0775	0.0763	0.0753	0.0787	0.0769	0.0775
9/14	0.0719	0.0750	0.0763	0.0650	0.0597	0.0688
9/15	0.0694	0.0678	0.0681	0.0587	0.0587	0.0772
9/16	0.0678	0.0678	0.0597	0.0534	0.0534	0.0503
9/17	0.0544	0.0544	0.0738	0.0753	0.0528	0.0425
9/18	0.0434	0.0459	0.0459	0.0500	0.0484	0.0453
9/19	0.0463	0.0522	0.0578	0.0488	0.0781	0.0800
9/20	0.0734	0.0597	0.0712	0.0553	0.0463	0.0491
9/21	0.0519	0.0513	0.0503	0.0566	0.1353	0.0509
9/22	0.0506	0.0478	0.0478	0.0541	0.0603	0.0519
9/23	0.0497	0.0616	0.0516	0.0522	0.0428	0.0397
9/24	0.0466	0.0444	0.0403	0.0403	0.0384	0.0400
9/25	0.0469	0.0472	0.0453	0.0456	0.0378	0.0369
9/26	0.0422	0.0463	0.0559	0.0500	0.0538	0.0453
9/27	0.0513	0.0447	0.0625	0.2275	0.0506	0.0459
9/28	0.0400	0.0494	0.0475	0.0434	0.0419	0.0516
9/29	0.0478	0.0456	0.0478	0.0437	0.0506	0.0463
9/30	0.0456	0.0463	0.0625	0.0550	0.0469	0.0472
MIN	0.0400	0.0444	0.0403	0.0403	0.0378	0.0369
MAX	0.1072	0.1203	0.1259	0.2275	0.1353	0.1266
AVG	0.0658	0.0685	0.0705	0.0739	0.0672	0.0642

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

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

Sep 2020	TIME					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
9/1	4.2	3.8	4.1	3.4	3.7	3.5
9/2	3.6	3.5	3.8	3.3	3.7	3.8
9/3	3.7	3.7	3.5	3.4	3.4	3.5
9/4	3.2	3.5	2.4	1.8	2.2	3.1
9/5	3.2	3.1	3.3	3.8	3.5	3.2
9/6	3.1	3.0	3.4	3.2	3.1	3.1
9/7	3.3	3.4	3.8	3.7	3.6	3.6
9/8	3.6	3.0	3.6	3.5	3.4	3.5
9/9	3.2	3.2	3.0	2.9	3.1	3.4
9/10	3.5	3.6	3.7	2.6	3.5	3.5
9/11	3.8	3.9	4.0	3.5	2.8	2.4
9/12	2.5	3.0	3.2	3.1	3.3	3.5
9/13	3.9	4.0	4.2	4.0	3.8	3.8
9/14	3.8	3.9	4.2	4.3	3.8	3.7
9/15	3.9	3.9	3.4	2.7	2.7	3.0
9/16	3.3	3.3	3.5	3.2	3.3	3.7
9/17	3.8	3.7	3.6	4.6	3.9	3.9
9/18	3.9	4.2	3.8	4.0	3.6	3.6
9/19	3.8	3.7	3.9	4.8	4.3	4.1
9/20	3.6	3.5	3.4	3.6	4.0	3.9
9/21	3.9	3.9	4.0	3.5	3.4	3.1
9/22	2.9	2.6	2.5	2.7	2.9	3.1
9/23	3.1	3.1	3.2	2.8	2.5	2.4
9/24	2.6	2.7	2.6	2.9	2.7	2.7
9/25	2.7	3.0	2.9	3.3	2.8	2.7
9/26	2.5	2.5	2.3	2.6	3.3	3.4
9/27	3.6	3.6	3.9	3.6	3.6	3.4
9/28	3.3	2.5	3.1	3.1	3.2	3.1
9/29	3.0	3.2	2.5	2.7	2.9	2.8
9/30	2.1	2.2	2.2	2.0	3.1	2.7
MN	2.1	2.2	2.2	1.8	2.2	2.4
MAX	4.2	4.2	4.2	4.8	4.3	4.1
AVG	3.3	3.3	3.4	3.3	3.3	3.3

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

		TRAINS (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
9/1/2020	12:00 AM	OFF	OFF	0.1321	0.0261	OFF	OFF
	04:00 AM	OFF	OFF	0.0890	0.0232	OFF	OFF
	08:00 AM	OFF	OFF	0.0740	0.0240	OFF	0.1222
	12:00 PM	OFF	OFF	OFF	0.0238	OFF	0.0948
	04:00 PM	OFF	OFF	0.0994	0.0249	OFF	OFF
	08:00 PM	OFF	OFF	0.1019	OFF	OFF	0.0429
	AVG	OFF	OFF	0.0993	0.0244	OFF	0.0866
9/2/2020	12:00 AM	OFF	OFF	OFF	0.0660	OFF	0.0493
	04:00 AM	OFF	OFF	0.1120	OFF	OFF	0.0794
	08:00 AM	OFF	OFF	0.0570	0.0500	OFF	0.0576
	12:00 PM	OFF	OFF	OFF	0.0888	OFF	0.0536
	04:00 PM	OFF	OFF	0.1095	0.0503	OFF	0.0526
	08:00 PM	OFF	OFF	0.1200	0.0179	OFF	0.0451
	AVG	OFF	OFF	0.0996	0.0546	OFF	0.0563
9/3/2020	12:00 AM	OFF	OFF	0.0930	OFF	OFF	0.0530
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0580	OFF	OFF	0.0544
	12:00 PM	OFF	OFF	OFF	0.0268	OFF	0.0509
	04:00 PM	OFF	OFF	0.1203	OFF	OFF	0.0541
	08:00 PM	OFF	OFF	0.1207	0.0222	OFF	OFF
	AVG	OFF	OFF	0.0980	0.0245	OFF	0.0531
9/4/2020	12:00 AM	OFF	OFF	OFF	0.0245	OFF	0.0660
	04:00 AM	OFF	OFF	OFF	0.0261	OFF	0.0710
	08:00 AM	OFF	OFF	0.0490	OFF	OFF	0.0570
	12:00 PM	OFF	OFF	0.0590	0.0312	OFF	0.0550
	04:00 PM	OFF	OFF	0.0500	0.0267	OFF	0.0700
	08:00 PM	OFF	OFF	0.0920	0.0398	OFF	0.0670
	AVG	OFF	OFF	0.0625	0.0304	OFF	0.0643
9/5/2020	12:00 AM	OFF	OFF	0.0980	0.0306	OFF	OFF
	04:00 AM	OFF	OFF	OFF	0.0269	OFF	0.0880
	08:00 AM	OFF	OFF	OFF	0.0288	OFF	0.0540
	12:00 PM	OFF	OFF	0.0570	0.0280	OFF	0.0540
	04:00 PM	OFF	OFF	OFF	0.0268	OFF	0.0580
	08:00 PM	OFF	OFF	0.1020	0.0512	OFF	0.0890
	AVG	OFF	OFF	0.0857	0.0320	OFF	0.0686
9/6/2020	12:00 AM	OFF	OFF	OFF	0.0333	OFF	0.0660
	04:00 AM	OFF	OFF	0.0780	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.1000	0.0520	OFF	0.1120
	12:00 PM	OFF	OFF	0.0490	0.0311	OFF	OFF
	04:00 PM	OFF	OFF	0.0700	OFF	OFF	0.0520
	08:00 PM	OFF	OFF	0.0870	0.0272	OFF	0.0840
	AVG	OFF	OFF	0.0768	0.0359	OFF	0.0785
9/7/2020	12:00 AM	OFF	OFF	0.0920	OFF	OFF	0.0870
	04:00 AM	OFF	OFF	OFF	0.0263	OFF	OFF
	08:00 AM	OFF	OFF	0.0530	0.0316	OFF	0.0500
	12:00 PM	OFF	OFF	0.0540	0.0545	OFF	0.0460
	04:00 PM	OFF	OFF	0.0530	0.0259	OFF	0.0510
	08:00 PM	OFF	OFF	0.0840	0.0348	OFF	0.0490
	AVG	OFF	OFF	0.3360	0.0346	OFF	0.0566
9/8/2020	12:00 AM	OFF	OFF	OFF	0.0305	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	0.0550	0.0263	OFF	0.0530
	12:00 PM	OFF	OFF	0.0680	0.0295	OFF	0.0207
	04:00 PM	OFF	OFF	0.0910	0.0266	OFF	0.0878
	08:00 PM	OFF	OFF	0.0890	0.0266	OFF	0.0760
	AVG	OFF	OFF	0.0758	0.0279	OFF	0.0594

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

		TRAIN (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
9/9/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0192
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0190
	08:00 AM	OFF	OFF	0.0700	0.0271	OFF	0.0191
	12:00 PM	OFF	OFF	OFF	0.0417	OFF	0.0510
	04:00 PM	OFF	OFF	OFF	0.0324	OFF	0.0713
	08:00 PM	OFF	OFF	0.0930	0.0237	OFF	0.1040
	AVG	OFF	OFF	0.0815	0.0312	OFF	0.0473
9/10/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0940
	04:00 AM	OFF	OFF	0.1060	0.0254	OFF	OFF
	08:00 AM	OFF	OFF	0.0420	0.0257	OFF	OFF
	12:00 PM	OFF	OFF	0.1346	0.0264	OFF	0.0193
	04:00 PM	OFF	OFF	0.1000	OFF	OFF	0.0194
	08:00 PM	OFF	OFF	0.0680	0.0266	OFF	OFF
	AVG	OFF	OFF	0.0901	0.0260	OFF	0.0442
9/11/2020	12:00 AM	OFF	OFF	OFF	0.0337	OFF	0.0209
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0716
	08:00 AM	OFF	OFF	OFF	0.0256	OFF	0.0620
	12:00 PM	OFF	OFF	OFF	0.0320	OFF	0.0203
	04:00 PM	OFF	OFF	OFF	0.0316	OFF	0.0417
	08:00 PM	OFF	OFF	OFF	0.0247	OFF	OFF
	AVG	OFF	OFF	OFF	0.0295	OFF	0.0433
9/12/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	0.0533
	04:00 AM	OFF	OFF	OFF	0.0268	OFF	0.0478
	08:00 AM	OFF	OFF	0.1427	OFF	OFF	0.0566
	12:00 PM	OFF	OFF	OFF	0.0420	OFF	0.0346
	04:00 PM	OFF	OFF	0.0540	OFF	OFF	0.0219
	08:00 PM	OFF	OFF	OFF	0.0219	OFF	0.0431
	AVG	OFF	OFF	0.0984	0.0302	OFF	0.0429
9/13/2020	12:00 AM	OFF	OFF	OFF	0.0301	OFF	0.0890
	04:00 AM	OFF	OFF	0.0940	OFF	OFF	0.0229
	08:00 AM	OFF	OFF	0.0570	0.0214	OFF	0.0231
	12:00 PM	OFF	OFF	OFF	0.0226	OFF	0.0233
	04:00 PM	OFF	OFF	0.0914	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0458	OFF	0.0401
	AVG	OFF	OFF	0.0808	0.0300	OFF	0.0397
9/14/2020	12:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	04:00 AM	OFF	OFF	0.0630	0.0238	OFF	0.0346
	08:00 AM	OFF	OFF	0.1395	0.0263	OFF	0.0361
	12:00 PM	OFF	OFF	0.1374	0.0272	OFF	0.0288
	04:00 PM	OFF	OFF	0.1145	OFF	OFF	0.0397
	08:00 PM	OFF	OFF	OFF	0.0239	OFF	0.1130
	AVG	OFF	OFF	0.1136	0.0253	OFF	0.0504
9/15/2020	12:00 AM	OFF	OFF	0.1279	OFF	OFF	0.0307
	04:00 AM	OFF	OFF	0.1311	0.0238	OFF	0.0819
	08:00 AM	OFF	OFF	0.1159	0.0497	OFF	0.0370
	12:00 PM	OFF	OFF	OFF	0.1360	OFF	0.0475
	04:00 PM	OFF	OFF	0.0500	OFF	OFF	0.0908
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	0.1062	0.0698	OFF	0.0576
9/16/2020	12:00 AM	OFF	OFF	OFF	0.0710	OFF	0.0740
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0459
	08:00 AM	OFF	OFF	0.1347	0.0540	OFF	0.0399
	12:00 PM	OFF	OFF	OFF	0.0244	OFF	0.0452
	04:00 PM	OFF	OFF	OFF	0.0636	OFF	0.0430
	08:00 PM	OFF	OFF	0.0770	OFF	OFF	0.0426
	AVG	OFF	OFF	0.1059	0.0533	OFF	0.0484

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

		TRAIN(S) (NTU)					
Date	Hour	#1	#2	#3	#4	#5	#6
9/17/2020	12:00 AM	OFF	OFF	OFF	0.0292	OFF	0.0488
	04:00 AM	OFF	OFF	OFF	0.0544	OFF	OFF
	08:00 AM	OFF	OFF	0.0980	0.0332	OFF	0.0479
	12:00 PM	OFF	OFF	0.0470	0.0239	OFF	OFF
	04:00 PM	OFF	OFF	0.1360	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.1306	0.0235	OFF	0.0493
	AVG	OFF	OFF	0.1156	0.0328	OFF	0.0487
9/18/2020	12:00 AM	OFF	OFF	OFF	0.0489	OFF	0.0504
	04:00 AM	OFF	OFF	0.1383	0.0281	OFF	0.0506
	08:00 AM	OFF	OFF	OFF	0.0262	OFF	0.0549
	12:00 PM	OFF	OFF	OFF	0.0323	OFF	0.0557
	04:00 PM	OFF	OFF	0.0755	0.0409	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0470	OFF	OFF
	AVG	OFF	OFF	0.1069	0.0372	OFF	0.0528
9/19/2020	12:00 AM	OFF	OFF	OFF	0.0499	OFF	0.0575
	04:00 AM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0426	OFF	0.0571
	12:00 PM	OFF	OFF	OFF	0.0629	OFF	0.0607
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	AVG	OFF	OFF	OFF	0.0518	OFF	0.0584
9/20/2020	12:00 AM	OFF	OFF	0.1157	OFF	OFF	0.0613
	04:00 AM	OFF	OFF	0.0921	OFF	OFF	0.0603
	08:00 AM	OFF	OFF	0.1293	OFF	OFF	OFF
	12:00 PM	OFF	OFF	0.1018	0.0660	OFF	0.0619
	04:00 PM	OFF	OFF	OFF	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0580	OFF	OFF	0.0612
	AVG	OFF	OFF	0.0994	0.0660	OFF	0.0612
9/21/2020	12:00 AM	OFF	OFF	0.0740	OFF	OFF	0.0617
	04:00 AM	OFF	OFF	0.0870	OFF	OFF	0.0624
	08:00 AM	OFF	OFF	0.1125	0.1340	OFF	0.0621
	12:00 PM	OFF	OFF	OFF	0.1300	OFF	0.0806
	04:00 PM	OFF	OFF	0.1041	0.1240	OFF	0.0783
	08:00 PM	OFF	OFF	0.0975	0.1230	OFF	0.0785
	AVG	OFF	OFF	0.0950	0.1278	OFF	0.0706
9/22/2020	12:00 AM	OFF	OFF	OFF	0.1250	OFF	0.0772
	04:00 AM	OFF	OFF	0.1176	0.1220	OFF	OFF
	08:00 AM	OFF	OFF	0.1231	0.0450	OFF	OFF
	12:00 PM	OFF	OFF	OFF	0.0740	OFF	OFF
	04:00 PM	OFF	OFF	0.0760	OFF	OFF	OFF
	08:00 PM	OFF	OFF	0.0753	0.0940	OFF	OFF
	AVG	OFF	OFF	0.0980	0.0920	OFF	0.0772
9/23/2020	12:00 AM	OFF	OFF	OFF	0.1020	OFF	OFF
	04:00 AM	OFF	OFF	OFF	OFF	OFF	0.0925
	08:00 AM	OFF	OFF	0.1090	0.0760	OFF	0.0925
	12:00 PM	OFF	OFF	OFF	OFF	OFF	0.0920
	04:00 PM	OFF	OFF	OFF	OFF	OFF	0.0937
	08:00 PM	OFF	OFF	0.1237	0.0870	OFF	OFF
	AVG	OFF	OFF	0.1164	0.0883	OFF	0.0927
9/24/2020	12:00 AM	OFF	OFF	OFF	0.0900	OFF	0.0948
	04:00 AM	OFF	OFF	0.1102	0.0990	OFF	OFF
	08:00 AM	OFF	OFF	OFF	0.0460	OFF	0.0966
	12:00 PM	OFF	OFF	0.1199	0.0342	OFF	0.0948
	04:00 PM	OFF	OFF	0.0938	0.0282	OFF	OFF
	08:00 PM	OFF	OFF	OFF	0.0282	OFF	0.1041
	AVG	OFF	OFF	0.1080	0.0543	OFF	0.0976

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

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		OFF	9/1/20 11:45 PM	4.2	9/1/20 3:00 AM	4.0
				9/2/20 11:35 PM	4.1	9/2/20 4:15 AM	4.0
				9/3/20 9:25 AM	4.3	9/3/20 3:00 AM	4.1
				9/4/20 6:40 AM	4.1	9/4/20 2:45 AM	4.1
				9/5/20 2:15 AM	4.2	9/5/20 2:45 AM	4.1
				9/6/20 11:40 PM	4.2	9/6/20 2:45 AM	4.0
				9/7/20 11:30 PM	4.1	9/7/20 2:30 AM	4.2
				9/8/20 11:40 PM	4.1	9/8/20 2:35 AM	4.0
				9/9/20 11:40 PM	4.1	9/9/20 1:55 PM	4.2
				9/10/20 11:35 PM	4.1	9/10/20 2:55 AM	4.0
				9/11/20 11:35 PM	4.2	9/11/20 2:55 AM	4.0
				9/12/20 11:45 PM	4.1	9/12/20 3:25 AM	4.3
				9/13/20 11:50 PM	4.1	9/13/20 2:30 AM	4.3
				9/14/20 11:35 PM	4.1	9/14/20 2:35 AM	4.2
				9/15/20 11:45 PM	4.0	9/15/20 2:35 AM	4.0
				9/16/20 11:45 PM	5.3	9/16/20 2:45 AM	4.0
				9/17/20 11:35 PM	4.9	9/17/20 2:35 AM	4.4
				9/18/20 12:55 AM	5.5	9/18/20 2:40 AM	4.0
				9/19/20 11:30 PM	4.0	9/19/20 2:35 AM	4.3
				9/20/20 11:45 PM	4.1	9/20/20 11:20 AM	4.0
				9/21/20 11:35 PM	4.2	9/21/20 2:30 AM	4.1
				9/22/20 11:35 PM	4.0	9/22/20 2:30 AM	4.0
				9/23/20 11:40 PM	4.0	9/23/20 2:35 AM	4.2
				9/24/20 11:40 PM	4.1	9/24/20 2:40 AM	4.1
				9/25/20 12:15 AM	4.1	9/25/20 2:30 AM	4.1
				9/26/20 12:25 AM	4.1	9/26/20 2:30 AM	4.2
				9/27/20 12:25 AM	4.2	9/27/20 2:30 AM	4.2
				9/28/20 1:05 AM	4.2	9/28/20 2:30 AM	4.1
				9/29/20 12:40 AM	4.1	9/29/20 2:30 AM	4.1
				9/30/20 11:35 PM	4.0	9/30/20 2:35 AM	4.1
Date Time	Train 5 LRV	Date Time	Train 6 LRV				
	OFF	9/1/20 3:45 AM	4.5				
		9/2/20 4:05 AM	4.5				
		9/3/20 3:30 AM	4.5				
		9/4/20 3:55 AM	4.5				
		9/5/20 3:30 AM	4.5				
		9/6/20 3:55 AM	4.5				
		9/7/20 3:40 AM	4.4				
		9/8/20 3:40 AM	4.4				
		9/9/20 12:40 PM	4.4				
		9/10/20 4:35 AM	4.3				
		9/11/20 4:00 AM	4.3				
		9/12/20 4:05 AM	4.1				
		9/13/20 3:35 AM	4.1				
		9/14/20 3:25 AM	4.4				
		9/15/20 3:40 AM	4.4				
		9/16/20 3:50 AM	4.4				
		9/17/20 4:00 AM	4.4				
		9/18/20 4:05 AM	4.4				
		9/19/20 4:00 AM	4.2				
		9/20/20 4:00 AM	4.2				
		9/21/20 6:25 AM	4.2				
		9/22/20 3:55 AM	4.1				
		9/23/20 4:35 AM	4.1				
		9/24/20 4:25 AM	4.5				
		9/25/20 4:00 AM	4.5				
		9/26/20 4:10 AM	4.6				
		9/27/20 3:35 AM	4.6				
		9/28/20 3:40 AM	4.6				
		9/29/20 3:35 AM	4.6				
		9/30/20 3:35 AM	4.6				

CITY OF JACKSON
DISTRIBUTION SYSTEM DISINFECTANT DATA

System ID **250008**
Month of **September 2020**

Sep-20	No. of sites, disinfectant residual measured (a)	No. of sites, no disinfectant measured, HPC measured (b)	No. of sites, disinfectant residual not detected, no HPC measured (c)	No. of sites, disinfectant residual not detected. HPC> 500/ml (d)	No. of sites, disinfectant residual not measured. HPC > 500/ml (e)
DATE	COL 2	COL 3	COL 4	COL 5	COL 6
9/1	47				
9/2	48				
9/3	37				
9/4	3				
9/5					
9/6					
9/7					
9/8					
9/9					
9/10					
9/11					
9/12					
9/13					
9/14					
9/15					
9/16					
9/17					
9/18					
9/19					
9/20					
9/21					
9/22					
9/23					
9/24					
9/25					
9/26					
9/27					
9/28					
9/29					
9/30					
Total	135	0	0	0	0

$$V = \frac{(c+d+e)}{(a+b)} * 100$$

$$V = 0$$

CITY OF JACKSON
CHLORINE DIOXIDE COMPLIANCE

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

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

CITY OF JACKSON TOC REMOVAL SUMMARY

2020

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	TOC Summary		TOC % Removal Summary				TOC Removal Ratio
	Water Treatment Plant	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
RUNNING ANNUAL AVERAGE	OBC HS1					1.50	
	OBC HS2	1.52					
	JHF HS1	1.56					
TOTAL COMBINED RUNNING ANNUAL AVERAGE							1.53

CITY OF JACKSON TOC REMOVAL SUMMARY

2020

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	TOC Summary		Source Water TOC (ppm)	Treated Water TOC (ppm)	TOC % Removal Summary		TOC Removal Ratio
	Water Treatment Plant	Source Water Alkalinity (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
RUNNING ANNUAL AVERAGE	OBC HS1						1.38
	OBC HS2			1.40			
	JHF HS1			1.43			
TOTAL COMBINED RUNNING ANNUAL AVERAGE							1.41

CITY OF JACKSON TOC REMOVAL SUMMARY

2020

TOC Table- Required % Removal of TOC		
Source Water TOC (ppm)	Source Water Alkalinity, ppm as CaCO ₃	
	0-60	>60-120
>2.0 to 4.0	35.0%	25.0%
>4.0 to 8.0	45.0%	35.0%
>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
RUNNING ANNUAL AVERAGE	OBC HS1						1.34
	OBC HS2						1.36
	JHF HS1						1.38
TOTAL COMBINED RUNNING ANNUAL AVERAGE							1.37

CITY OF JACKSON TOC REMOVAL SUMMARY

2020

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	TOC Summary		TOC % Removal Summary				TOC Removal Ratio
	Water Treatment Plant	Source Water Alkalinity (ppm)	Source Water TOC (ppm)	Treated Water TOC (ppm)	Actual TOC Removed (%)	Required TOC Removal (%)	
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
RUNNING ANNUAL AVERAGE	OBC HS1					1.26	
	OBCHS2					1.29	
	JHF HS1					1.27	
	TOTAL COMBINED RUNNING ANNUAL AVERAGE						1.37

CITY OF JACKSON
CORROSION CONTROL DATA

September 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		Date / Shift	pH	Alkalinity	Hardness	pH	Alkalinity
9/1	0700 - 1500	9.3	54	18	9.5	21	69
	1500 - 2300	9.3	45	19	9.3	23	51
	2300 - 0700	9.3	49	20	9.3	22	64
9/2	0700 - 1500	9.5	40	16	9.2	22	70
	1500 - 2300	9.4	63	17	9.3	27	55
	2300 - 0700	9.3	66	19	9.2	22	67
9/3	0700 - 1500	9.4	40	18	9.4	24	73
	1500 - 2300	9.4	48	15	9.4	24	57
	2300 - 0700	9.5	58	19	9.4	27	69
9/4	0700 - 1500	9.4	42	17	9.2	24	71
	1500 - 2300	9.5	33	17	9.1	25	72
	2300 - 0700	9.5	48	16	9.2	25	71
9/5	0700 - 1500	9.5	37	13	9.0	26	52
	1500 - 2300	9.7	41	15	9.0	29	58
	2300 - 0700	9.6	46	15	9.3	25	67
9/6	0700 - 1500	9.6	57	16	9.7	24	59
	1500 - 2300	9.5	52	19	9.5	21	58
	2300 - 0700	9.6	56	19	9.5	25	53
9/7	0700 - 1500	9.4	51	18	9.3	21	68
	1500 - 2300	9.4	59	18	9.3	24	68
	2300 - 0700	9.4	16	61	9.6	25	64
9/8	0700 - 1500	9.5	44	12	9.7	24	71
	1500 - 2300	9.4	59	18	9.1	23	57
	2300 - 0700	9.6	62	20	9.5	30	76
9/9	0700 - 1500	9.3	50	18	9.4	24	67
	1500 - 2300	9.3	51	18	9.2	38	72
	2300 - 0700	9.3	53	20	9.5	28	69
9/10	0700 - 1500	9.3	42	13	9.5	27	69
	1500 - 2300	9.4	52	15	9.6	32	65
	2300 - 0700	9.4	18	53	9.2	27	69
9/11	0700 - 1500	9.6	37	13	9.3	25	72
	1500 - 2300	9.5	40	18	9.4	27	65
	2300 - 0700	9.5	52	17	9.1	25	67
9/12	0700 - 1500	9.4	43	12	9.3	31	53
	1500 - 2300	9.6	43	13	9.2	25	56
	2300 - 0700	9.5	49	15	6.5	14	55

CITY OF JACKSON
CORROSION CONTROL DATA

September 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		DATE / SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity
9/13	0700 - 1500	9.5	50	13	9.6	28	68
	1500 - 2300	9.4	47	14	9.5	37	61
	2300 - 0700	9.6	51	12	9.6	34	63
9/14	0700 - 1500	9.6	56	18	9.3	32	78
	1500 - 2300	9.5	50	16	9.4	32	74
	2300 - 0700	9.4	53	15	9.3	27	71
9/15	0700 - 1500	9.4	51	15	9.5	30	78
	1500 - 2300	9.3	50	17	9.2	23	56
	2300 - 0700	9.4	53	14	9.2	24	69
9/16	0700 - 1500	9.2	57	16	9.5	31	79
	1500 - 2300	9.2	43	17	9.1	29	58
	2300 - 0700	9.4	51	19	9.5	30	68
9/17	0700 - 1500	9.3	37	16	9.3	28	75
	1500 - 2300	9.5	43	14	9.8	31	62
	2300 - 0700	9.3	57	16	9.1	26	67
9/18	0700 - 1500	9.4	40	12	9.7	31	81
	1500 - 2300	9.3	38	17	9.4	26	65
	2300 - 0700	9.4	48	19	9.2	26	67
9/19	0700 - 1500	9.5	41	13	9.4	36	62
	1500 - 2300	9.6	45	14	9.4	25	56
	2300 - 0700	9.7	55	15	9.7	27	69
9/20	0700 - 1500	9.6	42	18	9.3	25	67
	1500 - 2300	9.7	59	17	9.5	30	67
	2300 - 0700	9.6	48	19	9.1	28	63
9/21	0700 - 1500	9.7	54	17	9.5	26	66
	1500 - 2300	9.5	44	14	9.1	25	66
	2300 - 0700	9.5	47	16	9.3	25	64
9/22	0700 - 1500	9.5	33	13	9.3	24	68
	1500 - 2300	9.6	49	18	9.3	26	65
	2300 - 0700	9.4	56	20	9.3	26	69
9/23	0700 - 1500	9.5	57	18	9.6	27	65
	1500 - 2300	9.4	51	17	9.5	24	54
	2300 - 0700	9.5	50	19	9.7	29	70
9/24	0700 - 1500	9.4	32	12	9.6	28	75
	1500 - 2300	9.4	54	19	9.8	33	53
	2300 - 0700	9.4	55	18	9.6	31	70

CITY OF JACKSON
CORROSION CONTROL DATA

September 2020		SYSTEM ID: 250008-02			SYSTEM ID: 250008-01		
		OBC COMBINED HIGH SERVICE			JHF (TF081)		
		DATE / SHIFT	pH	Alkalinity	Hardness	pH	Alkalinity
9/25	0700 - 1500	9.2	30	16	9.4	23	68
	1500 - 2300	9.3	33	12	9.5	30	64
	2300 - 0700	9.4	41	10	9.0	23	62
9/26	0700 - 1500	9.2	26	14	9.7	39	66
	1500 - 2300	9.3	36	12	9.4	28	55
	2300 - 0700	9.3	39	15	9.6	26	64
9/27	0700 - 1500	9.4	45	14	9.2	23	60
	1500 - 2300	9.5	51	14	9.4	24	24
	2300 - 0700	9.4	52	17	9.5	27	62
9/28	0700 - 1500	9.4	51	14	9.5	28	61
	1500 - 2300	9.4	53	14	9.5	19	56
	2300 - 0700	9.4	54	17	9.4	22	58
9/29	0700 - 1500	9.7	45	13	9.4	23	67
	1500 - 2300	9.8	59	18	9.5	28	52
	2300 - 0700	9.7	52	52	9.5	26	65
9/30	0700 - 1500	9.6	52	13	9.1	21	57
	1500 - 2300	9.7	51	17	9.2	26	52
	2300 - 0700	9.6	50	19	9.4	27	61
MONTHLY MIN		9.2	16	10	6.5	14	24
MONTHLY MAX		9.8	66	61	9.8	39	81
MONTHLY AVG		9.5	47	17	9.3	26	64

Comments

JH Fewell (TF081)

Washed and inspected storage tank #2-9/1

Cleaned raw and settled water turbidity meters-9/9

Replaced run time hours on UV report on UV #4 to reflect actual run time hours due to UV malfunction.-9/27

Replaced run time hours on UV report on UV#1 to reflect actual run time hours due to UV malfunction.-9/29

Online Monitoring Last Date of Calibration for JH Fewell

CL17s-9/22

OB Curtis Conventional (TF082)

Cleaned COV ammonia injector-9/6

Cleaned COV ammonia injector-9/7

Calibrated ACH pump #1 to computer due to lost signal-9/8

Cleaned soda ash filters #1 and #2-9/24

Cleaned out the CIP Tank.-9/30

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

Cholrine-Grab data was replaced on 9/7-12PM, 8PM; 9/8-4AM-8AM, 4PM-8PM; 9/9-4PM-8PM; 9/11-8PM; 9/12-8PM; 9/13-12AM-8AM, 4PM; 9/14-4AM, 4PM; 9/17-4AM-12PM, 8PM; 9/18 12AM-4AM, 12PM.

Finished water-Grab data was replaced on 9/11-12PM. Spike in turbidity.

OB Curtis Membrane (TF083)

Cleaned out CIP-Tank and cleaned filter inside tank-9/23

Cleaned basin #1 to prepare for the installation of brackets-9/25

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

Cholrine-Grab data was replaced on 9/1; 9/8-4AM; 9/14-4AM; 9/17-4PM; 9/18-8AM; 9/26-4PM-8PM; 9/27-9/29.

Train #3-Grab data was replaced on 9/1-4AM-8AM; 9/2-4AM-8AM; 9/3-12AM-8AM; 9/4-9/5-In hold, reading .1207. 9/6-9/10-8AM-In hold, reading .1207. 9/10-8PM; 9/12-4PM; 9/13-4AM-8AM; 9/14-4AM; 9/15-4PM; 9/16-8PM; 9/17-8AM-12PM; 9/20-8PM-9/21-4AM; 9/23-8AM; 9/27-12PM-9/28-4AM, 12PM-4PM-Spikes in turbidity.

Train #4-Grab data was replaced on 9/2-12AM-8AM; 9/15-12PM-9/16-12AM, 8AM. In hold, reading .448/.449. 9/20-9/24-8AM-In hold, reading .387/.388. 9/22-8AM-No data, showing off.

Train #6-Grab data was replaced on 9/4-9/5-In hold, reading .0530. 9/6-9/8-8AM-In hold reading .0529 and .0530. 9/9-12PM, 8PM; 9/10-12AM; 9/13-12AM; 9/30.-Spikes in turbidity.

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

CI17s-9/26

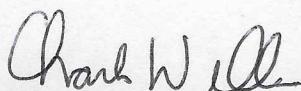
Upgrades and Repairs at O.B. Curtis

1. Replaced the solenoid switch on a valve on cassette A in train #2 and the air dryer on train #2 on Sept. 1.
2. Installed a new valve on cassette F in train #2 and a back up fluoride pump on Sept. 4.
3. Replaced air line on cassette A in train #3 on Sept. 12.
4. Repaired train #6 breaker P-35-6 on Sept. 13.
5. Repaired CIP valve on Sept. 17.
6. Replaced solenoid on train #3 valve 8106-A on Sept. 18.
7. Repaired blower B on Sept. 19.
8. Repaired blower D on Sept. 20.
9. Replaced solenoid on cassette D in train #2 and replaced air gauge on cassette A in train #6, valve FV-3466A on Sept. 22.
10. Installed brackets inside basin #1 on Sept. 26.
11. Repaired soda ash pump #3 on Sept. 27.
12. Replaced CIP valve on tank FCV 8163 on Sept. 29.
13. Replaced the FV-8160 CIP Inject on trains #3 and #6 on Sept. 30.

Upgrades and Repairs at J.H. Fewell

1. Replaced floc pH analyzer on Sept. 25.

"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

10/10/2020

Date