

**PUBLIC SERVICE OF COLORADO**  
**PUBLIC SERVICE OF COLORADO**

9/6/2020 10:39 AM

Micah Zamora

## Chromatograph Report

from Contract Day 08/01/2020 to Contract Day 08/31/2020

**Station ID:** WGI IN

**Analysis ID:** CBTC

**Analysis Name:** WGIS (CHALK BL TO CHEY)

**Company Name:** PUBLIC SERVICE OF COLORADO

Effective Date	Sat. HV	As Del HV	Dry HV	Meas. HV	Water Content	Wobbe	Real Gravity	C1	C2	C3	IC4	NC4	IC5	NC5	C6	C7	C8	C9	C10	N2	CO2	O2	H2O	CO	H2S	H2	He	
08/01/2020 00:00	1063.9	0.0	1082.5	0.0		1361.1	0.6324	86.9763	9.5169	0.7589	0.1967	0.0932	0.0169	0.0191	0.0058	0.0000	0.0000	0.0000	0.0000	0.4213	1.7342	0.0000	0.2607	0.0000	0.0000	0.0000	0.0000	
08/02/2020 00:00	1068.3	0.0	1086.9	0.0		1363.5	0.6354	86.1671	10.2778	0.8234	0.0743	0.1215	0.0217	0.0250	0.0075	0.0000	0.0000	0.0000	0.0000	0.4077	1.7044	0.0000	0.3697	0.0000	0.0000	0.0000	0.0000	
08/03/2020 00:00	1066.7	0.0	1085.3	0.0		1363.0	0.6340	86.3212	10.2476	0.7785	0.0485	0.1099	0.0194	0.0221	0.0067	0.0000	0.0000	0.0000	0.0000	0.4093	1.6905	0.0000	0.3463	0.0000	0.0000	0.0000	0.0000	
08/04/2020 00:00	1066.5	0.0	1085.1	0.0		1362.6	0.6341	86.3072	10.2198	0.7855	0.0494	0.1129	0.0204	0.0233	0.0069	0.0000	0.0000	0.0000	0.0000	0.4106	1.6972	0.0000	0.3668	0.0000	0.0000	0.0000	0.0000	
08/05/2020 00:00	1067.4	0.0	1086.1	0.0		1362.1	0.6358	86.0479	10.2433	0.8510	0.0586	0.1351	0.0247	0.0287	0.0086	0.0000	0.0000	0.0000	0.0000	0.4086	1.7094	0.0000	0.4841	0.0000	0.0000	0.0000	0.0000	
08/06/2020 00:00	1067.7	0.0	1086.3	0.0		1363.0	0.6352	86.1607	10.3634	0.7803	0.0517	0.1150	0.0214	0.0247	0.0076	0.0000	0.0000	0.0000	0.0000	0.4131	1.7230	0.0000	0.3391	0.0000	0.0000	0.0000	0.0000	
08/07/2020 00:00	1067.9	0.0	1086.6	0.0		1362.4	0.6361	85.9914	10.0957	0.9432	0.0673	0.1558	0.0286	0.0331	0.0103	0.0000	0.0000	0.0000	0.0000	0.4324	1.6403	0.0000	0.6020	0.0000	0.0000	0.0000	0.0000	
08/08/2020 00:00	1068.9	0.0	1087.5	0.0		1364.7	0.6350	86.1872	10.2849	0.8432	0.0575	0.1283	0.0227	0.0262	0.0084	0.0000	0.0000	0.0000	0.0000	0.4448	1.6344	0.0000	0.3626	0.0000	0.0000	0.0000	0.0000	
08/09/2020 00:00	1069.9	0.0	1088.6	0.0		1364.6	0.6364	85.9703	10.2823	0.9210	0.0643	0.1481	0.0266	0.0308	0.0096	0.0000	0.0000	0.0000	0.0000	0.4387	1.6260	0.0000	0.4822	0.0000	0.0000	0.0000	0.0000	
08/10/2020 00:00	1068.0	0.0	1086.7	0.0		1363.7	0.6350	86.0982	10.0815	0.9338	0.0569	0.1517	0.0281	0.0328	0.0104	0.0000	0.0000	0.0000	0.0000	0.4241	1.5694	0.0000	0.6131	0.0000	0.0000	0.0000	0.0000	
08/11/2020 00:00	1070.5	0.0	1089.2	0.0		1363.9	0.6377	85.7577	10.6141	0.8287	0.0565	0.1360	0.0249	0.0290	0.0089	0.0000	0.0000	0.0000	0.0000	0.4187	1.7469	0.0000	0.3786	0.0000	0.0000	0.0000	0.0000	
08/12/2020 00:00	1070.9	0.0	1089.6	0.0		1363.9	0.6383	85.8257	10.3475	0.9156	0.0613	0.1746	0.0338	0.0378	0.0116	0.0000	0.0000	0.0000	0.0000	0.4086	1.7403	0.0000	0.4432	0.0000	0.0000	0.0000	0.0000	
08/13/2020 00:00	1066.2	0.0	1084.8	0.0		1360.6	0.6357	85.8372	10.6724	0.7215	0.0388	0.0835	0.0139	0.0160	0.0046	0.0000	0.0000	0.0000	0.0000	0.4195	1.7792	0.0000	0.4134	0.0000	0.0000	0.0000	0.0000	
08/14/2020 00:00	1064.5	0.0	1083.2	0.0		1358.9	0.6355	85.8458	9.9222	0.9693	0.0616	0.1743	0.0298	0.0342	0.0086	0.0000	0.0000	0.0000	0.0000	0.4178	1.5894	0.0000	0.9470	0.0000	0.0000	0.0000	0.0000	
08/15/2020 00:00	1067.5	0.0	1086.2	0.0		1359.1	0.6388	85.4530	10.3210	0.8747	0.1549	0.1599	0.0274	0.0306	0.0080	0.0000	0.0000	0.0000	0.0000	0.4145	1.7343	0.0000	0.8217	0.0000	0.0000	0.0000	0.0000	
08/16/2020 00:00	1069.4	0.0	1088.0	0.0		1365.0	0.6353	86.2385	10.3076	0.8235	0.0634	0.1217	0.0233	0.0269	0.0086	0.0000	0.0000	0.0000	0.0000	0.4154	1.6857	0.0000	0.2854	0.0000	0.0000	0.0000	0.0000	
08/17/2020 00:00	1071.1	0.0	1089.8	0.0		1361.0	0.6412	85.1922	10.7721	0.9283	0.0468	0.1585	0.0301	0.0347	0.0111	0.0000	0.0000	0.0000	0.0000	0.4182	1.8618	0.0000	0.5462	0.0000	0.0000	0.0000	0.0000	
08/18/2020 00:00	1067.7	0.0	1086.4	0.0		1359.6	0.6386	85.4661	10.1895	1.0394	0.0643	0.1786	0.0320	0.0363	0.0109	0.0000	0.0000	0.0000	0.0000	0.4080	1.6883	0.0000	0.8867	0.0000	0.0000	0.0000	0.0000	
08/19/2020 00:00	1061.1	0.0	1079.8	0.0		1355.1	0.6349	86.3007	10.0568	0.6854	0.0641	0.1099	0.0174	0.0167	0.0083	0.0000	0.0000	0.0000	0.0000	0.4139	1.7586	0.0000	0.8457	0.0000	0.0000	0.0000	0.0000	
08/20/2020 00:00	1040.8	0.0	1059.1	0.0		1342.9	0.6221	87.0713	9.8581	0.0007	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.4034	1.7328	0.0000	0.9335	0.0000	0.0000	0.0000	0.0000	
08/21/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/22/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/23/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/24/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/25/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/26/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/27/2020 00:00	1039.5	0.0	1057.8	0.0		1342.4	0.6210	87.2488	9.6826	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3924	1.7080	0.0000	0.9667	0.0000	0.0000	0.0000	0.0000	
08/28/2020 00:00	1074.4	0.0	1093.4	0.0		1364.0	0.6425	86.8471	9.5591	1.0929	0.0563	0.2287	0.0425	0.0503	0.0161	0.0000	0.0000	0.0000	0.0000	0.4106	1.5579	0.0000	1.2533	0.0000	0.0000	0.0000	0.0000	
08/29/2020 00:00	1080.3	0.0	1099.4	0.0		1365.7	0.6480	85.4779	10.2280	1.2943	0.0929	0.2601	0.0499	0.0580	0.0176	0.0000	0.0000	0.0000	0.0000	0.4079	1.7188	0.0000	1.0635	0.0000	0.0000	0.0000	0.0000	
08/30/2020 00:00	1085.0	0.0	1104.1	0.0		1367.9	0.6516	85.9360	9.9728	1.3387	0.1642	0.2808	0.0549	0.0632	0.0188	0.0000	0.0000	0.0000	0.0000	0.3921	1.7213	0.0000	1.2119	0.0000	0.0000	0.0000	0.0000	
08/31/2020 00:00	1081.2	0.0	1100.3	0.0		1367.3	0.6476	86.6742	9.4179	1.3302	0.1515	0.2663	0.0517	0.0599	0.0183	0.0000	0.0000	0.0000	0.0000	0.3871	1.6227	0.0000	1.2359	0.0000	0.0000	0.0000	0.0000	
<b>Flow Weighted Average:</b>	1066.3	0.0	1084.9	0.0			0.6347	86.1999	10.1760	0.8025	0.0665	0.1246	0.0227	0.0261	0.0080	0.0000	0.0000	0.0000	0.0000	0.4172	1.6842	0.0000	0.4882	0.0000	0.0000	0.0000	0.0000	0.0000