

PUBLIC SERVICE OF COLORADO  
PUBLIC SERVICE OF COLORADO

1/1/2022 10:47 AM

Micah Zamora

### Chromatograph Report

from Contract Day 12/01/2021 to Contract Day 12/31/2021

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	
12/01/2021 00:00	1053.1	0.0	1071.4	0.0		1360.7	0.6199	88.7123	8.5562	0.6070	0.0305	0.0559	0.0081	0.0081	0.0020	0.0000	0.0000	0.0000	0.0000	0.5541	1.3927	0.0000	0.0732	0.0000	0.0000	0.0000	0.0000	0.0000
12/02/2021 00:00	1052.5	0.0	1070.8	0.0		1360.2	0.6198	88.6877	8.5540	0.5890	0.0322	0.0580	0.0085	0.0088	0.0023	0.0000	0.0000	0.0000	0.0000	0.6071	1.3669	0.0000	0.0855	0.0000	0.0000	0.0000	0.0000	0.0000
12/03/2021 00:00	1049.8	0.0	1068.0	0.0		1357.4	0.6190	88.6595	8.6632	0.4998	0.0173	0.0265	0.0025	0.0021	0.0002	0.0000	0.0000	0.0000	0.0000	0.6879	1.3927	0.0000	0.0483	0.0000	0.0000	0.0000	0.0000	0.0000
12/04/2021 00:00	1048.7	0.0	1066.9	0.0		1358.1	0.6172	88.8157	8.6069	0.4411	0.0152	0.0232	0.0021	0.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.7295	1.2799	0.0000	0.0846	0.0000	0.0000	0.0000	0.0000	0.0000
12/05/2021 00:00	1051.1	0.0	1069.3	0.0		1360.6	0.6177	88.8917	8.5976	0.4998	0.0173	0.0282	0.0031	0.0026	0.0005	0.0000	0.0000	0.0000	0.0000	0.6664	1.2889	0.0000	0.0040	0.0000	0.0000	0.0000	0.0000	0.0000
12/06/2021 00:00	1049.0	0.0	1067.2	0.0		1354.6	0.6206	88.4431	8.6103	0.5938	0.0164	0.0244	0.0025	0.0021	0.0002	0.0000	0.0000	0.0000	0.0000	0.7566	1.4662	0.0000	0.0844	0.0000	0.0000	0.0000	0.0000	0.0000
12/07/2021 00:00	1050.2	0.0	1068.5	0.0		1356.3	0.6207	88.3879	8.6428	0.5400	0.0312	0.0640	0.0107	0.0114	0.0031	0.0000	0.0000	0.0000	0.0000	0.7164	1.3909	0.0000	0.2015	0.0000	0.0000	0.0000	0.0000	0.0000
12/08/2021 00:00	1054.0	0.0	1072.3	0.0		1357.5	0.6240	87.8508	8.8933	0.6374	0.0450	0.0997	0.0172	0.0193	0.0053	0.0000	0.0000	0.0000	0.0000	0.7393	1.3774	0.0000	0.3153	0.0000	0.0000	0.0000	0.0000	0.0000
12/09/2021 00:00	1051.8	0.0	1070.0	0.0		1357.4	0.6214	88.3635	8.7344	0.5490	0.0312	0.0638	0.0101	0.0105	0.0027	0.0000	0.0000	0.0000	0.0000	0.6885	1.4307	0.0000	0.1155	0.0000	0.0000	0.0000	0.0000	0.0000
12/10/2021 00:00	1049.6	0.0	1067.9	0.0		1355.8	0.6203	88.4443	8.7401	0.4895	0.0214	0.0393	0.0059	0.0058	0.0014	0.0000	0.0000	0.0000	0.0000	0.7289	1.4386	0.0000	0.0847	0.0000	0.0000	0.0000	0.0000	0.0000
12/11/2021 00:00	1048.8	0.0	1067.0	0.0		1356.3	0.6189	88.6434	8.6838	0.4537	0.0152	0.0243	0.0029	0.0025	0.0004	0.0000	0.0000	0.0000	0.0000	0.7126	1.4096	0.0000	0.0516	0.0000	0.0000	0.0000	0.0000	0.0000
12/12/2021 00:00	1052.6	0.0	1070.8	0.0		1360.6	0.6194	88.7642	8.5768	0.5258	0.0304	0.0659	0.0114	0.0116	0.0029	0.0000	0.0000	0.0000	0.0000	0.6184	1.3571	0.0000	0.0355	0.0000	0.0000	0.0000	0.0000	0.0000
12/13/2021 00:00	1053.8	0.0	1072.1	0.0		1362.1	0.6195	88.6470	8.8708	0.4841	0.0212	0.0391	0.0057	0.0059	0.0013	0.0000	0.0000	0.0000	0.0000	0.5442	1.3668	0.0000	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000
12/14/2021 00:00	1054.2	0.0	1072.4	0.0		1362.9	0.6192	88.8373	8.6709	0.5233	0.0279	0.0539	0.0085	0.0088	0.0023	0.0000	0.0000	0.0000	0.0000	0.4817	1.3799	0.0000	0.0054	0.0000	0.0000	0.0000	0.0000	0.0000
12/15/2021 00:00	1062.7	0.0	1081.2	0.0		1365.3	0.6271	87.9549	8.6953	0.9208	0.0731	0.1585	0.0302	0.0330	0.0087	0.0000	0.0000	0.0000	0.0000	0.4152	1.4615	0.0000	0.2488	0.0000	0.0000	0.0000	0.0000	0.0000
12/16/2021 00:00	1062.6	0.0	1081.0	0.0		1366.1	0.6262	87.8034	9.1975	0.7267	0.0547	0.1193	0.0224	0.0249	0.0070	0.0000	0.0000	0.0000	0.0000	0.4491	1.4296	0.0000	0.1653	0.0000	0.0000	0.0000	0.0000	0.0000
12/17/2021 00:00	1056.4	0.0	1074.7	0.0		1364.8	0.6201	88.6750	8.8807	0.5280	0.0279	0.0539	0.0088	0.0095	0.0023	0.0000	0.0000	0.0000	0.0000	0.4350	1.3730	0.0000	0.0061	0.0000	0.0000	0.0000	0.0000	0.0000
12/18/2021 00:00	1052.7	0.0	1071.0	0.0		1364.4	0.6162	89.1689	8.6812	0.3803	0.0176	0.0331	0.0051	0.0055	0.0013	0.0000	0.0000	0.0000	0.0000	0.4534	1.2769	0.0000	-0.0234	0.0000	0.0000	0.0000	0.0000	0.0000
12/19/2021 00:00	1051.9	0.0	1070.2	0.0		1363.4	0.6161	89.1634	8.6816	0.3651	0.0149	0.0264	0.0039	0.0042	0.0011	0.0000	0.0000	0.0000	0.0000	0.4582	1.3048	0.0000	-0.0236	0.0000	0.0000	0.0000	0.0000	0.0000
12/20/2021 00:00	1051.7	0.0	1070.0	0.0		1362.1	0.6170	89.0597	8.6500	0.4279	0.0156	0.0256	0.0026	0.0023	0.0004	0.0000	0.0000	0.0000	0.0000	0.4693	1.3563	0.0000	-0.0099	0.0000	0.0000	0.0000	0.0000	0.0000
12/21/2021 00:00	1050.4	0.0	1068.6	0.0		1360.5	0.6169	89.0759	8.6049	0.4153	0.0134	0.0197	0.0016	0.0010	0.0001	0.0000	0.0000	0.0000	0.0000	0.5116	1.3799	0.0000	-0.0233	0.0000	0.0000	0.0000	0.0000	0.0000
12/22/2021 00:00	1051.4	0.0	1069.6	0.0		1361.4	0.6173	89.0661	8.5940	0.4366	0.0174	0.0305	0.0040	0.0038	0.0008	0.0000	0.0000	0.0000	0.0000	0.4785	1.3852	0.0000	-0.0170	0.0000	0.0000	0.0000	0.0000	0.0000
12/23/2021 00:00	1050.3	0.0	1068.6	0.0		1360.6	0.6167	89.1828	8.4506	0.4689	0.0153	0.0227	0.0022	0.0018	0.0002	0.0000	0.0000	0.0000	0.0000	0.4858	1.3875	0.0000	-0.0180	0.0000	0.0000	0.0000	0.0000	0.0000
12/24/2021 00:00	1050.4	0.0	1068.7	0.0		1360.8	0.6167	89.1839	8.4605	0.4670	0.0150	0.0222	0.0022	0.0017	0.0002	0.0000	0.0000	0.0000	0.0000	0.4927	1.3783	0.0000	-0.0238	0.0000	0.0000	0.0000	0.0000	0.0000
12/25/2021 00:00	1051.3	0.0	1069.6	0.0		1361.7	0.6170	89.1322	8.5484	0.4622	0.0149	0.0220	0.0020	0.0017	0.0001	0.0000	0.0000	0.0000	0.0000	0.4602	1.3799	0.0000	-0.0237	0.0000	0.0000	0.0000	0.0000	0.0000
12/26/2021 00:00	1050.6	0.0	1068.8	0.0		1362.3	0.6156	89.2552	8.5954	0.3680	0.0111	0.0156	0.0012	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.4482	1.3284	0.0000	-0.0236	0.0000	0.0000	0.0000	0.0000	0.0000
12/27/2021 00:00	1049.4	0.0	1067.6	0.0		1361.4	0.6149	89.3865	8.4580	0.3614	0.0114	0.0164	0.0013	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.4526	1.3351	0.0000	-0.0236	0.0000	0.0000	0.0000	0.0000	0.0000
12/28/2021 00:00	1048.9	0.0	1067.1	0.0		1361.7	0.6142	89.5117	8.3673	0.3592	0.0107	0.0150	0.0011	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.4489	1.3093	0.0000	-0.0239	0.0000	0.0000	0.0000	0.0000	0.0000
12/29/2021 00:00	1049.3	0.0	1067.5	0.0		1362.2	0.6141	89.4423	8.4996	0.3148	0.0088	0.0123	0.0009	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.4589	1.2856	0.0000	-0.0236	0.0000	0.0000	0.0000	0.0000	0.0000
12/30/2021 00:00	1051.9	0.0	1070.2	0.0		1362.7	0.6167	89.0201	8.8408	0.3413	0.0109	0.0157	0.0012	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.4376	1.3552	0.0000	-0.0237	0.0000	0.0000	0.0000	0.0000	0.0000
12/31/2021 00:00	1051.7	0.0	1070.0	0.0		1361.8	0.6174	88.9701	8.8210	0.3581	0.0126	0.0192	0.0023	0.0019	0.0002	0.0000	0.0000	0.0000	0.0000	0.4327	1.4052	0.0000	-0.0233	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Flow Weighted Average:</b>	<b>1051.9</b>	<b>0.0</b>	<b>1070.2</b>	<b>0.0</b>		<b>0.6186</b>	<b>88.8176</b>	<b>8.6581</b>	<b>0.4840</b>	<b>0.0222</b>	<b>0.0412</b>	<b>0.0061</b>	<b>0.0062</b>	<b>0.0015</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.5511</b>	<b>1.3684</b>	<b>0.0000</b>	<b>0.0436</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>