

PUBLIC SERVICE OF COLORADO  
PUBLIC SERVICE OF COLORADO

2/5/2024 10:13 AM

TERRI SCHOPPET

# Chromatograph Report

from Contract Day 01/01/2023 to Contract Day 01/31/2023

Station ID: 0111219801

Analysis ID: BTU\_NORTHERN

Analysis Name: NORTHERN

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
01/01/2023 08:00	1055.7	0.0	1074.0	0.0		1362.3	0.6216	88.8034	8.1948	0.9064	0.0378	0.0592	0.0050	0.0039	0.0010	0.0000	0.0000	0.0000	0.0000	0.4677	1.4310	0.0000	0.0000	0.0000	0.0898	0.0000	0.0000
01/02/2023 08:00	1055.2	0.0	1073.5	0.0		1363.3	0.6201	88.9813	8.1599	0.8683	0.0356	0.0560	0.0041	0.0032	0.0009	0.0000	0.0000	0.0000	0.0000	0.4760	1.3898	0.0000	0.0000	0.0000	0.0249	0.0000	0.0000
01/03/2023 08:00	1054.0	0.0	1072.2	0.0		1360.1	0.6215	88.7134	8.3441	0.8176	0.0299	0.0458	0.0034	0.0026	0.0008	0.0000	0.0000	0.0000	0.0000	0.5202	1.4984	0.0000	0.0000	0.0000	0.0238	0.0000	0.0000
01/04/2023 08:00	1052.5	0.0	1070.7	0.0		1359.7	0.6201	88.8458	8.3260	0.7287	0.0255	0.0382	0.0030	0.0023	0.0007	0.0000	0.0000	0.0000	0.0000	0.5285	1.4555	0.0000	0.0000	0.0000	0.0458	0.0000	0.0000
01/05/2023 08:00	1054.0	0.0	1072.3	0.0		1359.8	0.6219	88.5808	8.4934	0.7772	0.0271	0.0405	0.0030	0.0023	0.0006	0.0000	0.0000	0.0000	0.0000	0.5336	1.5033	0.0000	0.0000	0.0000	0.0382	0.0000	0.0000
01/06/2023 08:00	1054.4	0.0	1072.7	0.0		1361.6	0.6207	88.8258	8.2776	0.8396	0.0305	0.0446	0.0026	0.0017	0.0006	0.0000	0.0000	0.0000	0.0000	0.5206	1.4267	0.0000	0.0000	0.0000	0.0297	0.0000	0.0000
01/07/2023 08:00	1054.9	0.0	1073.2	0.0		1361.4	0.6214	88.8264	8.1769	0.8419	0.0417	0.0757	0.0093	0.0096	0.0023	0.0000	0.0000	0.0000	0.0000	0.5423	1.4240	0.0000	0.0000	0.0000	0.0499	0.0000	0.0000
01/08/2023 08:00	1053.8	0.0	1072.0	0.0		1362.3	0.6193	89.1324	8.0077	0.8234	0.0388	0.0682	0.0072	0.0069	0.0017	0.0000	0.0000	0.0000	0.0000	0.5248	1.3649	0.0000	0.0000	0.0000	0.0240	0.0000	0.0000
01/09/2023 08:00	1053.6	0.0	1071.9	0.0		1360.9	0.6204	89.0002	7.9758	0.9245	0.0364	0.0547	0.0038	0.0030	0.0007	0.0000	0.0000	0.0000	0.0000	0.5545	1.4147	0.0000	0.0000	0.0000	0.0317	0.0000	0.0000
01/10/2023 08:00	1051.0	0.0	1069.2	0.0		1362.9	0.6155	89.6697	7.6693	0.7965	0.0292	0.0404	0.0024	0.0016	0.0005	0.0000	0.0000	0.0000	0.0000	0.4991	1.2483	0.0000	0.0000	0.0000	0.0430	0.0000	0.0000
01/11/2023 08:00	1053.2	0.0	1071.5	0.0		1362.2	0.6188	89.1609	8.0224	0.8414	0.0299	0.0419	0.0024	0.0016	0.0004	0.0000	0.0000	0.0000	0.0000	0.4892	1.3707	0.0000	0.0000	0.0000	0.0392	0.0000	0.0000
01/12/2023 08:00	1052.5	0.0	1070.8	0.0		1361.0	0.6190	89.1252	8.0388	0.8154	0.0282	0.0400	0.0023	0.0015	0.0004	0.0000	0.0000	0.0000	0.0000	0.4817	1.4100	0.0000	0.0000	0.0000	0.0565	0.0000	0.0000
01/13/2023 08:00	1049.4	0.0	1067.6	0.0		1360.4	0.6159	89.5876	7.7683	0.7153	0.0240	0.0345	0.0019	0.0012	0.0004	0.0000	0.0000	0.0000	0.0000	0.4785	1.3514	0.0000	0.0000	0.0000	0.0369	0.0000	0.0000
01/14/2023 08:00	1048.8	0.0	1067.0	0.0		1359.6	0.6159	89.6220	7.7009	0.7204	0.0246	0.0358	0.0020	0.0015	0.0004	0.0000	0.0000	0.0000	0.0000	0.4782	1.3808	0.0000	0.0000	0.0000	0.0334	0.0000	0.0000
01/15/2023 08:00	1050.0	0.0	1068.2	0.0		1360.4	0.6166	89.4684	7.8429	0.7252	0.0248	0.0365	0.0021	0.0018	0.0005	0.0000	0.0000	0.0000	0.0000	0.4884	1.3547	0.0000	0.0000	0.0000	0.0547	0.0000	0.0000
01/16/2023 08:00	1048.2	0.0	1066.4	0.0		1360.0	0.6149	89.7528	7.6569	0.6819	0.0236	0.0344	0.0023	0.0018	0.0005	0.0000	0.0000	0.0000	0.0000	0.4632	1.3566	0.0000	0.0000	0.0000	0.0260	0.0000	0.0000
01/17/2023 08:00	1049.6	0.0	1067.8	0.0		1361.3	0.6153	89.6013	7.8706	0.6525	0.0224	0.0324	0.0021	0.0017	0.0005	0.0000	0.0000	0.0000	0.0000	0.4823	1.3158	0.0000	0.0000	0.0000	0.0184	0.0000	0.0000
01/18/2023 08:00	1049.8	0.0	1068.0	0.0		1360.6	0.6162	89.4992	7.9343	0.6534	0.0228	0.0327	0.0022	0.0016	0.0005	0.0000	0.0000	0.0000	0.0000	0.4348	1.3857	0.0000	0.0000	0.0000	0.0328	0.0000	0.0000
01/19/2023 08:00	1048.2	0.0	1066.4	0.0		1360.3	0.6145	89.7223	7.8075	0.5964	0.0215	0.0297	0.0020	0.0014	0.0005	0.0000	0.0000	0.0000	0.0000	0.4443	1.3466	0.0000	0.0000	0.0000	0.0278	0.0000	0.0000
01/20/2023 08:00	1050.4	0.0	1068.6	0.0		1359.8	0.6175	89.3058	8.0031	0.7010	0.0248	0.0352	0.0021	0.0017	0.0005	0.0000	0.0000	0.0000	0.0000	0.4738	1.4286	0.0000	0.0000	0.0000	0.0234	0.0000	0.0000
01/21/2023 08:00	1050.4	0.0	1068.6	0.0		1357.5	0.6196	89.0904	8.0042	0.7743	0.0264	0.0388	0.0023	0.0018	0.0004	0.0000	0.0000	0.0000	0.0000	0.4618	1.5520	0.0000	0.0000	0.0000	0.0476	0.0000	0.0000
01/22/2023 08:00	1051.1	0.0	1069.3	0.0		1359.4	0.6187	89.1958	8.0015	0.7626	0.0271	0.0390	0.0025	0.0019	0.0005	0.0000	0.0000	0.0000	0.0000	0.4620	1.4754	0.0000	0.0000	0.0000	0.0317	0.0000	0.0000
01/23/2023 08:00	1051.0	0.0	1069.2	0.0		1358.0	0.6200	88.9834	8.1128	0.7597	0.0277	0.0412	0.0030	0.0024	0.0007	0.0000	0.0000	0.0000	0.0000	0.5105	1.5205	0.0000	0.0000	0.0000	0.0381	0.0000	0.0000
01/24/2023 08:00	1049.5	0.0	1067.7	0.0		1359.1	0.6172	89.3774	7.8898	0.7037	0.0264	0.0392	0.0032	0.0026	0.0007	0.0000	0.0000	0.0000	0.0000	0.5113	1.4099	0.0000	0.0000	0.0000	0.0358	0.0000	0.0000
01/25/2023 08:00	1047.9	0.0	1066.0	0.0		1356.2	0.6179	89.1907	8.0418	0.6243	0.0224	0.0326	0.0025	0.0020	0.0004	0.0000	0.0000	0.0000	0.0000	0.5708	1.4851	0.0000	0.0000	0.0000	0.0274	0.0000	0.0000
01/26/2023 08:00	1049.0	0.0	1067.2	0.0		1360.5	0.6153	89.6094	7.8458	0.6346	0.0226	0.0326	0.0025	0.0020	0.0006	0.0000	0.0000	0.0000	0.0000	0.4636	1.3414	0.0000	0.0000	0.0000	0.0449	0.0000	0.0000
01/27/2023 08:00	1045.6	0.0	1063.7	0.0		1358.6	0.6130	90.0697	7.4184	0.6109	0.0217	0.0333	0.0027	0.0027	0.0008	0.0000	0.0000	0.0000	0.0000	0.4427	1.3480	0.0000	0.0000	0.0000	0.0491	0.0000	0.0000
01/28/2023 08:00	1046.3	0.0	1064.5	0.0		1359.0	0.6135	89.9438	7.6008	0.5766	0.0210	0.0285	0.0022	0.0016	0.0006	0.0000	0.0000	0.0000	0.0000	0.4149	1.3708	0.0000	0.0000	0.0000	0.0392	0.0000	0.0000
01/29/2023 08:00	1048.8	0.0	1066.9	0.0		1358.7	0.6166	89.3917	7.9432	0.6415	0.0233	0.0325	0.0024	0.0018	0.0007	0.0000	0.0000	0.0000	0.0000	0.5198	1.3925	0.0000	0.0000	0.0000	0.0506	0.0000	0.0000
01/30/2023 08:00	1049.0	0.0	1067.2	0.0		1360.1	0.6157	89.4558	7.9830	0.6065	0.0224	0.0302	0.0021	0.0016	0.0008	0.0000	0.0000	0.0000	0.0000	0.5452	1.3143	0.0000	0.0000	0.0000	0.0381	0.0000	0.0000
01/31/2023 08:00	1051.0	0.0	1069.3	0.0		1361.9	0.6164	89.4246	7.9990	0.6763	0.0260	0.0346	0.0024	0.0019	0.0008	0.0000	0.0000	0.0000	0.0000	0.4660	1.3275	0.0000	0.0000	0.0000	0.0409	0.0000	0.0000
<b>Flow Weighted Average:</b>	1051.0	0.0	1069.2	0.0			0.6178	89.2867	7.9717	0.7374	0.0274	0.0408	0.0030	0.0024	0.0007	0.0000	0.0000	0.0000	0.0000	0.4915	1.3994	0.0000	0.0000	0.0000	0.0390	0.0000	0.0000