





PUBLIC SERVICE OF COLORADO  
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1/2/2020 11:41 AM

Micah Zamora

# Chromatograph Report

from Contract Day 12/01/2019 to Contract Day 12/31/2019

Station ID: RTU631

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	
12/01/2019 00:00	1075.0	0.0	1093.9	0.0		1360.7	0.6463	84.4538	10.9046	1.2807	0.0783	0.1621	0.0241	0.0250	0.0061	0.0000	0.0000	0.0000	0.0000	0.5752	1.8859	0.0000	0.6042	0.0000	0.0000	0.0000	0.0000	
12/02/2019 00:00	1068.8	0.0	1087.5	0.0		1355.7	0.6435	84.9978	10.0741	1.3588	0.0811	0.1789	0.0276	0.0285	0.0069	0.0000	0.0000	0.0000	0.0000	0.7123	1.8331	0.0000	0.7009	0.0000	0.0000	0.0000	0.0000	
12/03/2019 00:00	1081.0	0.0	1100.0	0.0		1362.6	0.6517	84.1788	10.7231	1.5599	0.1122	0.2383	0.0379	0.0395	0.0101	0.0000	0.0000	0.0000	0.0000	0.6211	1.8234	0.0000	0.9207	0.0000	0.0000	0.0000	0.0000	
12/04/2019 00:00	1075.6	0.0	1094.5	0.0		1360.4	0.6472	84.6711	10.3187	1.5444	0.0780	0.2032	0.0320	0.0329	0.0082	0.0000	0.0000	0.0000	0.0000	0.6829	1.7445	0.0000	0.8654	0.0000	0.0000	0.0000	0.0000	
12/05/2019 00:00	1074.3	0.0	1093.1	0.0		1360.3	0.6457	84.6249	10.2891	1.5692	0.0436	0.2070	0.0323	0.0334	0.0085	0.0000	0.0000	0.0000	0.0000	0.6994	1.7286	0.0000	0.7639	0.0000	0.0000	0.0000	0.0000	
12/08/2019 00:00	1072.6	0.0	1091.4	0.0		1359.6	0.6443	84.7484	10.4473	1.4357	0.0653	0.1486	0.0215	0.0205	0.0042	0.0000	0.0000	0.0000	0.0000	0.6656	1.7791	0.0000	0.6638	0.0000	0.0000	0.0000	0.0000	
12/09/2019 00:00	1072.5	0.0	1091.3	0.0		1359.2	0.6446	84.7036	10.4885	1.4160	0.0417	0.1638	0.0247	0.0248	0.0059	0.0000	0.0000	0.0000	0.0000	0.6468	1.8066	0.0000	0.6777	0.0000	0.0000	0.0000	0.0000	
12/10/2019 00:00	1070.7	0.0	1089.5	0.0		1357.8	0.6438	84.8255	10.3520	1.3879	0.0523	0.1590	0.0237	0.0239	0.0057	0.0000	0.0000	0.0000	0.0000	0.6802	1.8032	0.0000	0.6867	0.0000	0.0000	0.0000	0.0000	
12/11/2019 00:00	1076.1	0.0	1094.9	0.0		1362.0	0.6462	84.3897	11.1327	1.1948	0.0980	0.1431	0.0226	0.0227	0.0054	0.0000	0.0000	0.0000	0.0000	0.5898	1.8650	0.0000	0.5362	0.0000	0.0000	0.0000	0.0000	
12/12/2019 00:00	1078.5	0.0	1097.4	0.0		1363.8	0.6474	84.2084	11.1877	1.3265	0.0626	0.1664	0.0253	0.0268	0.0065	0.0000	0.0000	0.0000	0.0000	0.5573	1.8368	0.0000	0.5957	0.0000	0.0000	0.0000	0.0000	
12/13/2019 00:00	1075.4	0.0	1094.2	0.0		1360.6	0.6467	84.2715	10.9426	1.3398	0.0658	0.1691	0.0261	0.0271	0.0064	0.0000	0.0000	0.0000	0.0000	0.5801	1.8446	0.0000	0.7269	0.0000	0.0000	0.0000	0.0000	
12/14/2019 00:00	1073.3	0.0	1092.1	0.0		1360.6	0.6443	84.5215	10.8866	1.2560	0.0636	0.1385	0.0213	0.0222	0.0055	0.0000	0.0000	0.0000	0.0000	0.5707	1.7799	0.0000	0.7343	0.0000	0.0000	0.0000	0.0000	
12/15/2019 00:00	1074.4	0.0	1093.2	0.0		1362.2	0.6440	84.7152	10.9053	1.2446	0.0458	0.1319	0.0200	0.0210	0.0054	0.0000	0.0000	0.0000	0.0000	0.5702	1.8100	0.0000	0.5307	0.0000	0.0000	0.0000	0.0000	
12/16/2019 00:00	1073.4	0.0	1092.2	0.0		1361.7	0.6433	84.8344	10.7270	1.2570	0.0498	0.1400	0.0225	0.0240	0.0063	0.0000	0.0000	0.0000	0.0000	0.5871	1.7747	0.0000	0.5770	0.0000	0.0000	0.0000	0.0000	
12/17/2019 00:00	1072.2	0.0	1090.9	0.0		1361.5	0.6421	85.0429	10.5812	1.2343	0.0764	0.1229	0.0182	0.0186	0.0042	0.0000	0.0000	0.0000	0.0000	0.6356	1.7358	0.0000	0.5300	0.0000	0.0000	0.0000	0.0000	
<b>Flow Weighted Average:</b>	1074.5	0.0	1093.3	0.0			0.6456	84.5715	10.7370	1.3375	0.0688	0.1627	0.0250	0.0259	0.0063	0.0000	0.0000	0.0000	0.0000	0.6117	1.8150	0.0000	0.6687	0.0000	0.0000	0.0000	0.0000	0.0000

