

PUBLIC SERVICE OF COLORADO  
PUBLIC SERVICE OF COLORADO

11/2/2020 11:21 AM

Micah Zamora

# Chromatograph Report

from Contract Day 10/01/2020 to Contract Day 10/31/2020

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     |
|-------------------------------|---------|-----------|--------|----------|---------------|--------|--------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 10/01/2020 00:00              | 1075.1  | 0.0       | 1093.8 | 0.0      |               | 1363.4 | 0.6437       | 85.0808 | 10.7934 | 1.0123 | 0.1017 | 0.1727 | 0.0333 | 0.0392 | 0.0134 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4146 | 1.9107 | 0.0000 | 0.4279 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/02/2020 00:00              | 1073.7  | 0.0       | 1092.4 | 0.0      |               | 1363.8 | 0.6416       | 85.6380 | 10.1268 | 1.0718 | 0.1797 | 0.1851 | 0.0367 | 0.0425 | 0.0145 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4058 | 1.8226 | 0.0000 | 0.4764 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/03/2020 00:00              | 1072.7  | 0.0       | 1091.5 | 0.0      |               | 1362.4 | 0.6418       | 85.6042 | 9.9032  | 1.1876 | 0.1213 | 0.2301 | 0.0451 | 0.0520 | 0.0169 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4032 | 1.8025 | 0.0000 | 0.6339 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/04/2020 00:00              | 1072.8  | 0.0       | 1091.6 | 0.0      |               | 1361.8 | 0.6426       | 85.4038 | 10.0341 | 1.1732 | 0.1178 | 0.2365 | 0.0467 | 0.0525 | 0.0167 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4045 | 1.8149 | 0.0000 | 0.6993 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/05/2020 00:00              | 1072.2  | 0.0       | 1091.0 | 0.0      |               | 1361.8 | 0.6419       | 85.5879 | 9.8020  | 1.1723 | 0.1450 | 0.2477 | 0.0502 | 0.0576 | 0.0188 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4042 | 1.7776 | 0.0000 | 0.7368 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/06/2020 00:00              | 1071.0  | 0.0       | 1089.8 | 0.0      |               | 1362.3 | 0.6399       | 85.8717 | 9.7285  | 1.0784 | 0.1967 | 0.2138 | 0.0417 | 0.0471 | 0.0143 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4243 | 1.7247 | 0.0000 | 0.6587 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/07/2020 00:00              | 1072.3  | 0.0       | 1091.1 | 0.0      |               | 1361.9 | 0.6419       | 85.3804 | 10.1892 | 1.1445 | 0.0734 | 0.2230 | 0.0433 | 0.0495 | 0.0146 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4222 | 1.7964 | 0.0000 | 0.6635 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/08/2020 00:00              | 1067.7  | 0.0       | 1086.5 | 0.0      |               | 1358.6 | 0.6395       | 85.6726 | 9.9612  | 1.0173 | 0.0780 | 0.2134 | 0.0419 | 0.0469 | 0.0141 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4256 | 1.8046 | 0.0000 | 0.7244 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/09/2020 00:00              | 1066.3  | 0.0       | 1085.0 | 0.0      |               | 1358.5 | 0.6379       | 86.0279 | 9.3907  | 1.1501 | 0.0889 | 0.2427 | 0.0469 | 0.0514 | 0.0146 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4399 | 1.6895 | 0.0000 | 0.8574 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/10/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/11/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/12/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/13/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/14/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/15/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/16/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/17/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/18/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/19/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/20/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/21/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/22/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/23/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/24/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/25/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/26/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/27/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/28/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/29/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/30/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/31/2020 00:00              | 1067.1  | 0.0       | 1085.9 | 0.0      |               | 1359.9 | 0.6376       | 86.2446 | 8.9993  | 1.2614 | 0.1339 | 0.2652 | 0.0513 | 0.0582 | 0.0168 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4210 | 1.6189 | 0.0000 | 0.9294 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| <b>Flow Weighted Average:</b> | 1067.7  | 0.0       | 1086.4 | 0.0      |               | 0.6380 | 86.1612      | 9.1247  | 1.2428  | 0.1325 | 0.2593 | 0.0502 | 0.0570 | 0.0166 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.4203 | 1.6410 | 0.0000 | 0.8943 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |