

# fYNOP Groundwater Sample Purge Log

**Sampling Event:** 2024 Comprehensive Sampling

**Project NO:** 10012.52

**Well ID:** MW-186

**Project Location** York, Pa

## Purge Information

**Purge Date:** 10/8/2024

**Purged By:** Casey Littlefield

**Purge Technique:** Low Flow Parameter Stabilization

**Purge Method:** Positive Displacement

**Pump Set Depth (Ft BGS):** 61

**Total Depth of Well (Ft BGS):** 63

**Initial Depth to Water (Ft BGS):** 19.1

**Pump ID:** Mega Monsoon Pump 83171

**Water Quality Inst:** Horiba U-52 16675

**Water Quality Inst ID:** Horiba U-52 16675

**Total Purge Vol (gal)** 37.85

## Sample Information

**Sampled By:** Casey Littlefield

**Sample Date:** 10/9/2024

**Sample Time:** 8:00

**Sample ID:** HD-MW-186-0/1-0

**Sampled Method:** Hand Bailer

**Unit ID:**

**Duplicate ID:**

**MS/MSD ID:**

**Notes:** RWL = 41.43

## Purge Parameter Information

| Date      | Time  | Temp.<br>°C | pH<br>SU | Turb<br>NTU | Con.<br>mS/cm | DO<br>mg/L | Sal | ORP | Pr<br>g/m | Pv<br>gal. | DTW<br>feet | Notes |
|-----------|-------|-------------|----------|-------------|---------------|------------|-----|-----|-----------|------------|-------------|-------|
| 10/8/2024 | 8:35  | 14.33       | 5.05     | 47.3        | 0.62          | 9.54       | 0.3 | 268 | 0.3       |            | 20.61       |       |
| 10/8/2024 | 8:40  | 14.55       | 5.59     | 195         | 0.58          | 8.66       | 0.3 | 242 | 0.3       | 1.5        | 27.45       |       |
| 10/8/2024 | 8:45  | 14.68       | 5.59     | 194         | 0.577         | 8.14       | 0.3 | 237 | 0.26      | 1.5        | 30.31       |       |
| 10/8/2024 | 8:50  | 14.88       | 5.58     | 148         | 0.572         | 7.49       | 0.3 | 234 | 0.28      | 1.3        | 34.15       |       |
| 10/8/2024 | 8:55  | 14.88       | 5.61     | 81          | 0.563         | 7.19       | 0.3 | 238 | 0.26      | 1.4        | 35.65       |       |
| 10/8/2024 | 9:00  | 14.94       | 5.65     | 34.7        | 0.552         | 7.72       | 0.3 | 249 | 0.33      | 1.3        | 37          |       |
| 10/8/2024 | 9:05  | 14.99       | 5.64     | 20.9        | 0.549         | 6.88       | 0.3 | 256 | 0.28      | 1.65       | 38.53       |       |
| 10/8/2024 | 9:10  | 15.06       | 5.63     | 202         | 0.551         | 6.58       | 0.3 | 263 | 0.3       | 1.4        | 39.92       |       |
| 10/8/2024 | 9:15  | 15          | 5.59     | 349         | 0.555         | 6.4        | 0.3 | 266 | 0.3       | 1.5        | 41          |       |
| 10/8/2024 | 9:20  | 15          | 5.56     | 332         | 0.557         | 6.07       | 0.3 | 243 | 0.3       | 1.5        | 42.58       |       |
| 10/8/2024 | 9:25  | 15.01       | 5.54     | 251         | 0.557         | 5.9        | 0.3 | 210 | 0.3       | 1.5        | 43.5        |       |
| 10/8/2024 | 9:30  | 15.07       | 5.52     | 156         | 0.562         | 7.04       | 0.3 | 159 | 0.4       | 1.5        | 45.05       |       |
| 10/8/2024 | 9:35  | 14.99       | 5.49     | 227         | 0.562         | 5.59       | 0.3 | 148 | 0.33      | 2          | 46.34       |       |
| 10/8/2024 | 9:40  | 14.97       | 5.48     | 208         | 0.562         | 5.25       | 0.3 | 144 | 0.33      | 1.65       | 47.64       |       |
| 10/8/2024 | 9:45  | 14.9        | 5.48     | 142         | 0.56          | 4.84       | 0.3 | 142 | 0.33      | 1.65       | 49.07       |       |
| 10/8/2024 | 9:50  | 14.92       | 5.48     | 131         | 0.56          | 4.44       | 0.3 | 136 | 0.3       | 1.65       | 50.62       |       |
| 10/8/2024 | 9:55  | 14.89       | 5.47     | 94.7        | 0.56          | 4.07       | 0.3 | 127 | 0.3       | 1.5        | 52.24       |       |
| 10/8/2024 | 10:00 | 14.89       | 5.47     | 100         | 0.562         | 3.73       | 0.3 | 120 | 0.33      | 1.5        | 54.63       |       |

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|-----------|-------|-------------|----------|-------------|---------------|------------|-----|-----|-----------|------------|-------------|----------------------------------|
| 10/8/2024 | 10:05 | 14.96       | 5.48     | 100         | 0.565         | 3.4        | 0.3 | 117 | 0.3       | 1.65       | 55.51       |                                  |
| 10/8/2024 | 10:10 | 14.96       | 5.48     | 40.6        | 0.565         | 3.17       | 0.3 | 116 | 0.3       | 1.5        | 56.6        |                                  |
| 10/8/2024 | 10:15 | 14.98       | 5.47     | 53.6        | 0.564         | 3.01       | 0.3 | 119 | 0.3       | 1.5        | 57.61       |                                  |
| 10/8/2024 | 10:20 | 15.01       | 5.5      | 60.2        | 0.565         | 2.82       | 0.3 | 125 | 0.28      | 1.5        | 58.9        |                                  |
| 10/8/2024 | 10:25 | 15.09       | 5.52     | 40.2        | 0.566         | 2.74       | 0.3 | 127 | 0.28      | 1.4        | 59.5        |                                  |
| 10/8/2024 | 10:30 | 15.01       | 5.54     | 76.9        | 0.572         | 2.7        | 0.3 | 131 | 0.26      | 1.4        |             | WL is below the top of the pump. |
| 10/8/2024 | 10:35 | 14.92       | 5.49     | 137         | 0.568         | 2.6        | 0.3 | 140 | 0.28      | 1.3        |             |                                  |
| 10/8/2024 | 10:36 |             |          |             |               |            |     |     | 0.3       | 1.6        |             | De-water well                    |