

TEP BWQ Groundwater Monitoring Field Form

| Project Information | | | |
|--------------------------|--------------------------|----------------------|-----------------|
| Project: | GUV 816-2 BWQ | Sample Purpose: | Rule 609 Sub 2 |
| Site Name (Well Pad): | GUV 816-2 | Site API: | 05-045-06703 |
| Station Name: | Schuetz 273609 | Sample Date: | 7-13-20 |
| COGCC Facility ID: | 752941 | Start Time: | 1100 |
| Field Sample ID: | Schuetz 273609 | End Time: | 1340 |
| Landowner Name: | Mark Schuetz | Sample Time: | 1320 |
| Landowner Address: | 70 Kampare Pl, Parachute | Sample Team: | SLG, JNP |
| Water Right/Well Owner: | Mark Schuetz | Sampler: | SLG |
| Water Right/Well Permit: | 273609 | Lead Signature/Date: | J. Good 7-14-20 |
| Receipt Number: | 9502790 | | |

| Station Information | | | |
|---|-------------------------------|-----------------------------|--|
| Station Description: Hydrant behind barn | | | |
| Approximate Distance to Well Pad (from well location): 1245 ft | | | |
| Station Type: | Well / Spring / Seep / Other: | Water Use: | Domestic / Irrigation / <u>Household</u> |
| Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / <u>Hydrant</u> / Other: | | | |
| GPS Well Location: | Zone | x -107.97231 | y 39.412490 z NM |
| GPS Sampling Location: | Zone | x -107.97181 | y 39.41171 z 10046 ft |
| Total Depth (ft): | 265 | Static Depth to Water (ft): | 131.69 Well diameter (in): 5.5" |
| Total Volume x 3 (gal) | 493.5 | Total Volume Purged (gal) | 500 |

| Weather Conditions | |
|-----------------------------|--|
| Sky: | <u>Clear</u> / Scattered / Cloudy / Overcast |
| Precipitation: | <u>None</u> / Light / Moderate / Heavy |
| Wind: | Calm / Light / <u>Mod</u> / Strong |
| Estimated Air Temp (deg F): | 90 |
| Precip Type: | <u>None</u> / Rain / Sleet / Hail / Snow |
| Wind Speed/Direction: | 0 |

| Field Measurements | | | | | | | |
|--------------------|--|--------------|------|--|------------|----------------------|------------------|
| Parameter | Units | Reading | Time | Flag Code | Instrument | In-situ or Container | Comments |
| Water Temp | deg C | 14.6 | 1330 | | YSI 702 | Container | |
| pH | s.u. | 7.59 | ↓ | | ↓ | ↓ | |
| Sp. Conductivity | uS/cm | 752 | | | | | |
| Conductivity | uS/cm | 602 | | | | | |
| DO Saturation | % | 104.2 | | | | | |
| DO | mg/L | 12.50 | | | | | |
| Baro Press | mmHg | 111.7 | | | | | |
| ORP | RmV | 120.4 | | | | | |
| Turbidity | NTU | 1.66 | | AV | micro | | 1.85, 1.56, 1.57 |
| Discharge | gpm | 4.0 | | VAR | | | |
| Color: | <u>Clear</u> / White / Yellow / Brown / Green / Blue / Other | | | <u>Light</u> / Med / Dark | | | |
| Odor: | <u>None</u> / Mild / Mod / Strong | | | | | | |
| Effervescence: | <u>None</u> / Mild / Mod / Strong | | | Bubbles: <u>None</u> / Low / Mod / High | | | |
| Sediment: | <u>None</u> / Light / Mod / Heavy | | | VOA Headspace: <u>None</u> / ≤ Pea Size / ≥ Pea Size | | | |
| Lab Analysis: | <u>Rule 609</u> / COA 9 / COA 22 / Other | | | | | | |
| Field Filtered: | <u>Yes</u> / No | Filter Size: | NA | No. Filters used: | NA | | |

Flag Codes: NM (not measured), E (estimated), N/A (not applicable), I (insufficient sample), Q (uncertain value), Y (calculated value), AV (averaged value), EC (exceeds calibration range), P (probe malfunction), NS (not stabilized), VAR (variable), OT (other flag to be defined later)

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Landowner Comments on water quality:

None

Additional information:

WL 140.15 AFTER SAMPLE

Mr. Mark Schutte present upon arrival.

Calibration info on Mitchell 140891

| Calibration Information | | | Date: | | | Location: | | |
|-------------------------|-----------|-------|-------|----------------------------|--------------------------------|--------------------------------|------------------|----------|
| Instrument | Parameter | Units | Time | Calibration Standard Value | Calibration Standard Temp (°C) | Instrument Reading of Standard | Adjusted Reading | Comments |
| | pH | s.u. | | | | | | |
| | pH | s.u. | | | | | | |
| | pH | s.u. | | | | | | |
| | SpC | uS/cm | | | | | | |
| | SpC | uS/cm | | | | | | |
| | DO | % | | | | | | |
| | DO | % | | | | | | |
| | ORP | RmV | | | | | | |
| | Turbidity | NTU | | | | | | |

