DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

|  |  |
| --- | --- |
| SITENAME: | SITELOCATION: |
| WELL NO: | SAMPLE ID: | DATE: |
| PURGING DATA |
| WELL DIAMETER (inches): | TUBING DIAMETER (inches): | WELL SCREEN INTERVAL DEPTH: feet to feet  | STATIC DEPTH TO WATER (feet):  | PURGE PUMP TYPEOR BAILER: |
| **WELL VOLUME PURGE: 1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY(only fill out if applicable) = ( feet – feet) X gallons/foot = gallons |
| **EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.** = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME(only fill out if applicable)  = gallons + ( gallons/foot X feet) + gallons = gallons |
| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): | FINAL PUMP OR TUBING DEPTH IN WELL (feet): | PURGINGINITIATED AT: | PURGINGENDED AT: | TOTAL VOLUMEPURGED (gallons): |
| TIME | VOLUME PURGED (gallons) | CUMUL.VOLUMEPURGED(gallons) | PURGERATE(gpm) | DEPTHTOWATER(feet) | pH(standard units) | TEMP.(OC) | COND.(circle units)μmhos/cm or μS/cm | DISSOLVEDOXYGEN (circle units)mg/L or% saturation | TURBIDITY(NTUs) | COLOR(describe) | ODOR(describe) |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **WELL CAPACITY** (Gallons Per Foot): **0.75”** = 0.02; **1”** = 0.04; **1.25”** = 0.06; **2”** = 0.16; **3”** = 0.37; **4”** = 0.65; **5”** = 1.02; **6”** = 1.47; **12”** = 5.88**TUBING INSIDE DIA. CAPACITY** (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016  |
| **PURGING** **EQUIPMENT CODES:** **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP =** Peristaltic Pump; **O** = Other (Specify) |
| SAMPLING DATA |
| SAMPLED BY (PRINT) / AFFILIATION: | SAMPLER(S) SIGNATURE(S): | SAMPLINGINITIATED AT: | SAMPLINGENDED AT: |
| PUMP OR TUBING DEPTH IN WELL (feet): | TUBING MATERIAL CODE: | FIELD-FILTERED: Y N FILTER SIZE: μmFiltration Equipment Type:  |
| FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) | DUPLICATE: Y N |
| SAMPLE CONTAINER SPECIFICATION | SAMPLE PRESERVATION (including wet ice) | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVEUSED | TOTAL VOLADDED IN FIELD (mL) | FINALpH |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| REMARKS: |
| **MATERIAL CODES**: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify) |
| **SAMPLING** **EQUIPMENT CODES:** **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;  **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify) |

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. Stabilization Criteria for range of variation of last three consecutive readings (see FS 2212, section 3)

pH: + 0.2 units Temperature: + 0.2 oC Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

62-160.800 F.A.C. Revision Date: January 2017