



**ABBREVIATIONS USED – Major Ions** (data source: Montgomery County Health Department)

**WELL AND SAMPLE IDENTIFIERS**

- LOCAL – Local number. For Montgomery County Health Department it is alphanumeric.
- STAID – Station identifier. For Montgomery County Health Department it is alphanumeric.
- SOURCE – Montgomery County Health Department. Samples collected to permit domestic wells for use.
- DATES – Date the sample was collected. NA means date is not available.
- DLAT – Latitude of well in degrees and decimal minutes and seconds in format DD.MMSS.
- DLONG – Longitude of well in degrees and decimal minutes and seconds in format DD.MMSS.
- CNTYC – County where well is located. For Montgomery County Health Department the county is Montgomery.
- BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For Montgomery County, wells are located in Basins 15, 17, 18, 19, 22.
- GEO1 – General geologic (bedrock) unit. For Montgomery County, the bedrock units are dkcryst (dark crystalline), ltcrys (light crystalline), pocarb (Precambrian through Ordovician carbonates), qscong (quartz, sandstone, and conglomerate), schist (schist), trised (Triassic age sedimentary rocks).
- GEOLITH – Generated numeric code that relates to GEO1. dkcryst = 3, ltcrys = 4, pocarb = 5, qscong = 6, schist = 8, trised = 11.

**PARAMETER CODES (Analyte sampled)**

- RCL – Chloride, unfiltered (unf), in milligrams per liter (mg/L)
- RTDS – Total dissolved solids, mg/L
- RFE – Iron, unf, mg/L
- RMN – Manganese, unf, mg/L

**REMARKS**

1111 indicates no quantified data available for specified analyte. However, specified analyte is on the MCHD list for testing.  
 9999 indicates specified exceeded the USEPA SMCL. Information based upon a qualifying statement (such as “sample exceeded SMCL for iron”).

**ANALYTES WITH NATIONAL DRINKING WATER STANDARDS and CURRENT (2004) U.S. Environmental Protection Agency Secondary Maximum Contaminant Level (SMCL)**

<u>Analyte</u>	<u>SMCL</u>	<u>Units</u>
Chloride	250	mg/L
Total dissolved solids	500	mg/L
Iron	0.3	mg/L
Manganese	0.05	mg/L