ABBREVIATIONS USED – Microorganisms (data source: U.S. Geological Survey)

WELL AND SAMPLE IDENTIFIERS

LOCAL – Local number used to identify well. First two letters represent the county (AD = Adams County), the following digits represent incremental numbers.
STAID – Station identifier. For the U.S. Geological Survey wells, it is 15 digits long and is comprised of the latitude and longitude plus a two digit sequence number.
SOURCE – U.S. Geological Survey (USGS). Samples collected for a wide range of water-quality, water resources, and other hydrogeologic investigations.
DATES – Date the sample was collected.
LAT – Latitude of well, in degrees, minutes, and seconds in format DDMMSS.
LONG – Longitude of well, in degrees, minutes, and seconds in format DDMMSS.
CNTYC – County where well is located. For USGS the counties are Adams, Bedford, Berks, Blair, Bradford, Bucks, Carbon, Centre, Chester, Clinton, Columbia, Cumberland, Dauphin, Delaware, Erie, Fayette, Franklin, Huntingdon, Juniata, Lancaster, Lebanon, Lehigh, Lycoming, Mifflin, Monroe, Montgomery, Northampton, Northumberland, Perry, Philadelphia, Schuylkill, Snyder, Tioga, Union, Wayne, Wyoming, York.
BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For USGS, wells are located in Basins 1, 4, 5, 6, 7, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 29, 35.
GEO1 – General geologic (bedrock) unit. For Fixed Station Network, the bedrock units are bcoal (bituminous coal bearing), dkcrys (dark crystalline), ltcrys (light crystalline), pocarb (Precambrian through Ordovician carbonates), qscong (quartz, sandstone, and conglomerate), redsed (red sedimentary rocks), schist (schist), sdcarb (Silurian and Devonian carbonates), shale (shale), trised (Triassic age sedimentary rocks).
GEOLITH – Generated numeric code that relates to GEO1. bcoal = 2, dkrys = 3, ltcrys = 4, pocarb = 5, qscong = 6, redsed = 7, schist = 8, sdcarb = 9, shale = 10, trised = 11.
PRJCT - USGS number that identifies what project data was collected for.

PARAMETER CODES (Analyte sampled)

P31501 – Total Coliform, M-Endo MF method, immediate, water, colonies per 100 milliliters (ml)
P31505 – Total Coliform, brilliant green lactose broth method, confirmed, water, most probable number per 100 ml
P31625 – Fecal Coliform, M-FC MF (0.7 υ) method, water, colonies per 100 ml
P31673 – Fecal streptococci, KF streptococcus MF method, water, colonies per 100 ml
P31633 – *Escherichia coli*, m-TEC method, water, colonies per 100 ml
P50468 – *Escherichia coli*, Colilert Quantitrap method, water, most probable number per 100 ml
P90910 – Enteric virus, total culturable, bgm kidney cell culture, 1-MDS filter quantal assay, 37^{o} C, water, most probable number per 100, Liters (L)
P90911 – Coliphage, E. coli, C-host, 1-MDS filter, agar overlay, 37^{o} C, water, plaque-forming units per 100 L
P90912 – Coliphage, E. coli, C-3000 host, 1-MDS filter, agar overlay, 37^{o} C, water, plaque-forming units per 100 L
P90915 – Clostridium perfringens, mCP MF method, water, colonies per 100 ml
P99601 – Enterococci, Enterolert Quantitrap method, water, most probable number per 100 ml

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

Analyte	MCL	Units
P31501 Total Coliform	1	colonies per 100 ml
P31505 Total Coliform	1	colonies per 100 ml
P31625 Fecal Coliform	1	colonies per 100 ml
P31673 Fecal streptococci	1	colonies per 100 ml
P31633 *Escherichia coli*	1	colonies per 100 ml
P50468 *Escherichia coli*	1	colonies per 100 ml
P90910 Enteric virus	1	colonies per 100 ml
P90911 Coliphage, E. coli	1	colonies per 100 ml
P90912 Coliphage, E. coli	1	colonies per 100 ml
P90915 Clostridium perfringens	1	colonies per 100 ml
P99601 Enterococci	1	colonies per 100 ml