



ABBREVIATIONS USED – Nutrients (data source: Pennsylvania Department of Environmental Resources Ambient and Fixed Station Network)

WELL AND SAMPLE IDENTIFIERS (file last modified November 2005)

- LOCAL – Local number. For Ambient and Fixed Station Network, it is alphanumeric.
- STAID – Station identifier (same as LOCAL). For Ambient and Fixed Station Network, it is alphanumeric.
- SOURCE – Ambient and Fixed Station Network (FSN). Samples collected to monitor the general quality of ground water.
- 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.
- 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 FSN, the counties are Adams, Allegheny, Beaver, Bedford, Berks, Blair, Bucks, Butler, Cumberland, Delaware, Franklin, Lancaster, Lebanon, Lehigh, Mifflin, Montgomery, Northampton, Philadelphia, Washington, Westmoreland, York.
- BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For FSN, wells are located in Basins 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 29, 30, 31, 32.
- GEO1 – General geologic (bedrock) unit. For FSN, the bedrock units are bcoal (bituminous coal), dkcryst (dark crystalline), ltcrys (light crystalline), pocarb (Precambrian through Ordovician carbonates), qscong (quartzite, sandstone, and conglomerate), redsed (red sedimentary rocks), schist (schist), sdcarb (Silurian and Devonian carbonates), shale (shale), trised (Triassic age sedimentary rocks), and uncon (unconsolidated sand and gravel, age unknown).
- GEOLITH – Generated numeric code that relates to GEO1. bcoal = 2, dkcryst = 3, ltcrys = 4, pocarb = 5, qscong = 6, redsed = 7, schist = 8, sdcarb = 9, shale = 10, trised = 11, uncon = 12.

PARAMETER CODES (Analyte sampled)

- AMMONIA – Ammonia as nitrogen, unfiltered (unf), in milligrams per liter (mg/L)
- NITRITE – Nitrite as nitrogen, unf, mg/L
- NITRATE – Nitrate as nitrogen, unf, mg/L
- PHOSPHORS – Phosphorus as phosphate, unf, mg/L
- TOC – Total organic carbon, unf, mg/L

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

<u>Analyte</u>	<u>MCL</u>	<u>Units</u>
Nitrate	10	mg/L as Nitrogen
Nitrite	1	mg/L as Nitrogen