



ABBREVIATIONS USED – Nutrients (data source: Pennsylvania Department of Agriculture)

WELL AND SAMPLE IDENTIFIERS

LOCAL – Local number or station name. It consists of a two-letter county code and a number..

STAID – Station identifier (same as LOCAL). For Pennsylvania Department of Agriculture (PennAg) it is alphanumeric.

SOURCE – Pennsylvania Department of Agriculture. Monitoring of ground-water in agricultural areas.

DATES – Date sample was collected.

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 PennAg the counties are Adams, Bedford, Berks, Blair, Clinton, Dauphin, Lancaster, Lebanon, Lehigh, Lycoming, Montgomery, Northampton, York.

BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For PennAg.Nuts, wells are located in Basins 1, 5, 13, 16, 17, 18, 23, 24, 25, 26, 28.

GEO1 – General geologic (bedrock) unit. For PennAg.Bugs, the bedrock units are bcoal (bituminous coal bearing), dkcryst (dark crystalline), ltcrys (light crystalline), pocarb (Precambrian through Ordovician carbonates), redsed (red sedimentary rocks), shale (shale), trised (Triassic age sedimentary rocks).

GEOLITH – Generated numeric code that relates to GEO1. bcoal = 2, dkcryst = 3, ltcrys = 4, pocarb = 5, redsed = 7, shale = 10, trised = 11.

PARAMETER CODES (Analyte sampled)

PNITRATE – Nitrate as nitrogen, in milligrams per liter (mg/L)

PNITRITE – Nitrite as nitrogen, mg/L

REMARKS

1111 indicates no quantified data available for nitrate nitrogen and/or nitrite nitrogen.

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
Nitrite	1	mg/L