

ABBREVIATIONS USED - Pesticides (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. Contamination 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.Pest, wells are located in Basins 1, 5, 13, 16, 17, 18, 23, 24, 25, 26, 28.

GEO1 – General geologic (bedrock) unit. For PennAg.Pest, 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)

PALACHLOR – Alachlor, in micrograms per liter ($\mu\text{g/L}$)

PATRAZINE – Atrazine, $\mu\text{g/L}$

PC_THLNIL – Chlorothalonil $\mu\text{g/L}$

RC_PYRIFOS – Chlorpyrifos (Dursban) $\mu\text{g/L}$

PC_AZINE – Cyanazine, $\mu\text{g/L}$

RHCCPD – Hexachlorocyclopentadiene $\mu\text{g/L}$

PMETOL_C – Metolachlor, $\mu\text{g/L}$

RM_BUZIN – Metribuzin $\mu\text{g/L}$

RPM_THALIN – Pendimethalin $\mu\text{g/L}$

PS_AZINE – Simazine, $\mu\text{g/L}$

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REMARKS

1111 indicates analyte was analyzed for but not detected.

**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>
Alachlor	2.0	µg/L
Atrazine	3	µg/L
Hexachlorocyclopentadiene	50	µg/L
Simazine	4	µg/L