



ABBREVIATIONS USED – Radiochemicals (data source: Pennsylvania Drinking Water Information System)

WELL AND SAMPLE IDENTIFIERS (file last modified November 2005)

LOCAL – Local name. For Pennsylvania Drinking Water Information System, it is a numeric code.

STAID – Station identifier was used to sort the original data set. For Pennsylvania Drinking Water Information System, this is the same as the local name (LOCAL).

SOURCE – Pennsylvania Drinking Water Information System (PADWIS). Samples collected to permit large discharge wells.

DATES – Date sample was collected. NA means date is not available.

LAT – Latitude of well, in degrees, minutes, and seconds, is not available (NA) per request of PADWIS.

LONG – Longitude of well, in degrees, minutes, and seconds, is not available (NA) per request of PADWIS.

DLAT – Latitude of well, in degrees and decimal minutes and seconds, is not available (NA) per request of PADWIS.

DLONG – Longitude of well, in degrees and decimal minutes and seconds, is not available (NA) per request of PADWIS.

CNTYC – County where well is located. For PADWIS, the counties are Adams, Bucks, Lancaster, Lehigh, Monroe, Northampton, Pike, Schuylkill.

BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For PADWIS, wells are located in Basins 3, 5, 6, 7, 9, 11.

GEO1 – General geologic (bedrock) unit. For PADWIS, the bedrock units are dkcryst (dark crystalline), pocarb (Precambrian through Ordovician carbonates), qscong (quartzite, sandstone, and conglomerate), redsed (red sedimentary rocks), sdcarb (Silurian and Devonian carbonates), trised (Triassic age sedimentary rocks).

GEOLITH – Generated numeric code that relates to GEO1. dkcryst = 3, pocarb = 5, qscong = 6, redsed = 7, sdcarb = 9, trised = 11.

PARAMETER CODES (Analyte sampled)

PCOMBINED_R – Radium 226 plus Radium 228, in picoCuries per liter (pCi/L)

PALPHA – Alpha particles excluding Radon and Uranium, pCi/L

PURANIUM – Uranium, in micrograms per liter (µg/L)

PRD226 – Radium 226, pCi/L

PRD228 – Radium 228, pCi/L

PGROSS_BETA – Gross Beta particle activity, millirems per year

**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>
Alpha particles	15	pCi/L
Gross Beta	4	millirems per year
Radium 226 plus Radium 228	5	pCi/L
Uranium	30	µg/L