



ABBREVIATIONS USED – Water Characteristics (data source: Chester County Health Department)

Well and Sample Identifiers

- LOCAL – Local number. For Chester County Health Department wells it is numeric.
- STAID – Station identifier (same as LOCAL). For Chester County Health Department wells it is numeric.
- SOURCE – Water-quality data collected by or for the Chester County Health Department for permitting of a well.
- DATES – Date sample was collected. NA means date is not available.
- LAT – Latitude of well, in degrees, minutes, and seconds in format DDMSS.
- LONG – Longitude of well, in degrees, minutes, and seconds in format DDMSS.
- CNTYC – County where well is located. For Chester County Health Department all wells are located in Chester County.
- BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For Chester County, wells are located in Basins 17, 19, 20, 21, 23.
- GEO1 – General geologic (bedrock) unit. For Chester County, the bedrock units are dkcryst (dark crystalline), ltcrys (light crystalline), pocarb (Precambrian through Ordovician carbonates), qscong (quartz, sandstone, and conglomerate), schist (schist), and trised (Triassic age sedimentary rocks).
- GEOLITH – Generated numeric code that relates to GEO1. dkcryst = 3, ltcrys = 4, pocarb = 5, qscong = 6, schist = 8, trised = 11.

Parameter Codes (Analyte sampled)

- TURBIDITY – in nephelometric turbidity units (NTU)
- P00400 – in standard units
- REMARK – Where populated with “<”, indicates a less than value.

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

<u>Analyte</u>	<u>MCL</u>	<u>Units</u>
Turbidity	1.0	NTU
<u>Analyte</u>	<u>SMCL</u>	<u>Units</u>
pH	6.5 - 8.5	standard units