

**ABBREVIATIONS USED – Wastewater compounds** – (data source: U.S. Geological Survey)

**WELL AND SAMPLE IDENTIFIERS**

- LOCAL** – Local number used to identify well. First two letters represent the county (AD = Adams County), the following digits represent incremental numbers.
- STAID** – Station identifier. For the U.S. Geological Survey wells, it is 15 digits long and is comprised of the latitude and longitude plus a two digit sequence number.
- SOURCE** – U.S. Geological Survey (USGS). Samples collected for a wide range of water-quality, water resources, and other hydrogeologic investigations.
- DATES** – Date the sample was collected.
- 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 USGS the counties are Adams, Bedford, Berks, Blair, Carbon, Centre, Chester, Cumberland, Dauphin, Franklin, Huntingdon, Juniata, Lancaster, Lebanon, Lehigh, Mifflin, Monroe, Northampton, Northumberland, Perry, Pike, Schuylkill, Wayne, York.
- BASINS** – The PADEP basin (numbers range from 1-35) the well is located in. For USGS, wells are located in Basins 1, 4, 10, 11, 12, 13, 16, 17, 19, 20, 21, 23, 24, 25, 26.
- GEO1** – General geologic (bedrock) unit. For Fixed Station Network, the bedrock units are pocarb (Precambrian through Ordovician carbonates), qscong (quartz, sandstone, and conglomerate), redsed (red sedimentary rocks), schist (schist), sdcarb (Silurian and Devonian carbonates), shale (shale), trised (Triassic age sedimentary rocks).
- GEOLITH** – Generated numeric code that relates to GEO1. pocarb = 5, qscong = 6, redsed = 7, schist = 8, sdcarb = 9, shale = 10, trised = 11.

**PARAMETER CODES (Analyte sampled)**

- P34220 Anthracene, unfiltered (unf), micrograms per liter ( $\mu\text{g/L}$ )
- P34221 Anthracene, filtered (fil),  $\mu\text{g/L}$
- P34376 Fluoranthene, unf,  $\mu\text{g/L}$
- P34377 Fluoranthene, fil,  $\mu\text{g/L}$
- P34408 Isophorone, unf,  $\mu\text{g/L}$
- P34409 Isophorone, fil,  $\mu\text{g/L}$
- P34461 Phenanthrene, unf,  $\mu\text{g/L}$
- P34462 Phenanthrene, fil,  $\mu\text{g/L}$
- P34466 Phenol, fil,  $\mu\text{g/L}$
- P34469 Pyrene, unf,  $\mu\text{g/L}$
- P34470 Pyrene, fil,  $\mu\text{g/L}$
- P34694 Phenol, unf,  $\mu\text{g/L}$
- P38260 Methylene blue active substances, unf, milligrams per Liter (mg/L)
- P38775 Dichlorvos, fil,  $\mu\text{g/L}$
- P50305 Caffeine, fil,  $\mu\text{g/L}$
- P62005 Cotinine, fil,  $\mu\text{g/L}$
- P62052 17-alpha-Ethynyl estradiol, fil,  $\mu\text{g/L}$

P62053 17-beta-Estradiol, fil, µg/L  
P62054 1-Methylnaphthalene, fil, µg/L  
P62055 2,6-Dimethylnaphthalene, fil, µg/L  
P62056 2-Methylnaphthalene, fil, µg/L  
P62057 3-beta-Coprostanol, fil, µg/L  
P62060 4-Cumylphenol, fil, µg/L  
P62061 4-Octylphenol, fil, µg/L  
P62062 4-tert-Octylphenol, fil, µg/L  
P62063 5-Methyl-1H-benzotriazole, fil, µg/L  
P62064 Acetophenone, fil, µg/L  
P62065 Acetyl hexamethyl tetrahydro naphthalene, fil, µg/L  
P62067 Benzophenone, fil, µg/L  
P62068 beta-Sitosterol, fil, µg/L  
P62069 Bisphenol A, fil, µg/L  
P62070 Camphor, fil, µg/L  
P62071 Carbazole, fil, µg/L  
P62072 Cholesterol, fil, µg/L  
P62073 D-Limonene, fil, µg/L  
P62074 Equilenin, fil, µg/L  
P62075 Hexahydrohexamethyl cyclopentabenzopyran, fil, µg/L  
P62076 Indole, fil, µg/L  
P62077 Isoborneol, fil, µg/L  
P62079 Isoquinoline, fil, µg/L  
P62080 Menthol, fil, µg/L  
P62081 Methyl salicylate, fil, µg/L  
P62082 DEET, fil, µg/L  
P62084 p-Cresol, fil, µg/L  
P62085 4-Nonylphenol, fil, µg/L  
P62086 beta-Stigmastanol, fil, µg/L  
P62087 Tris(2-chloroethyl) phosphate, fil, µg/L  
P62088 Tris(dichloroisopropyl) phosphate, fil, µg/L  
P62089 Tributyl phosphate, fil, µg/L  
P62090 Triclosan, fil, µg/L  
P62091 Triethyl citrate, fil, µg/L  
P62092 Triphenyl phosphate, fil, µg/L  
P62093 Tris(2-butoxyethyl) phosphate, fil, µg/L  
P62484 Estrone, fil, µg/L