



ABBREVIATIONS USED – Antibiotics (data source: U.S. Geological Survey)

WELL AND SAMPLE IDENTIFIERS (file last modified September 2007)

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 DDMMSS.

LONG – Longitude of well, in degrees, minutes, and seconds, in format DDMMSS

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 USGS, the counties are Adams, Huntingdon, Lancaster, Lebanon, Union.

BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For USGS, wells are located in Basins 5, 16, 23, 24, 26.

GEO1 – General geologic unit. For USGS, the units are pocarb (Precambrian through Ordovician carbonates), sdcarb (Silurian and Devonian carbonates),

GEOLITH – Generated numeric code that relates to GEO1. pocarb = 5, sdcarb = 9.

PARAMETER CODES (Analyte sampled)

P61744 – Chlorotetracycline, filtered (fil), micrograms per liter (µg/L)

P61759 – Oxyletracycline, fil, µg/L

P61762 – Sulfamethazine, fil, µg/L

P62021 – Sulfamethoxazole, fil, µg/L

P62023 – Trimethoprim, fil, µg/L

P62694 – Doxycycline, fil, µg/L

P62757 – Norfloxacin, fil, µg/L

P62771 – Sarafloxacin, fil, µg/L

P62775 – Sulfamethoxazole, fil, µg/L

P62776 – Sulfadimethoxine, fil, µg/L

P62778 – Sulfathiazole, fil, µg/L

P62781 – Tetracycline, fil, µg/L

P62792 – Azithromycin, fil, µg/L

P62797 – Erythromycin, fil, µg/L

P62894 – Lincomycin, fil, µg/L

P62895 – Roxithromycin, fil, µg/L

P62896 – Tylosin, fil, µg/L

P62897 – Virginiamycin, fil, µg/L

P62898 – Ciprofloxacin, fil, µg/L

P62899 – Ofloxacin, fil, $\mu\text{g/L}$
P62900 – Lomefloxacin, fil, $\mu\text{g/L}$
P62962 – Ormetoprim, fil, $\mu\text{g/L}$
P62963 – Sulfadiazine, fil, $\mu\text{g/L}$
P63674 – Anhydroerthromycin, fil, $\mu\text{g/L}$
P63727 – 4-Epitetracycline hydrochloride, fil, $\mu\text{g/L}$
P63729 – 4-Epioxytetracycline, fil, $\mu\text{g/L}$
P63731 – 4-Epichlortetracycline hydrochloride, fil, $\mu\text{g/L}$
P64175 – Isochlorotetracycline, fil, $\mu\text{g/L}$