



ABBREVIATIONS USED – Microorganisms (data source: Pennsylvania Department of Environmental Protection Act 537 reports)

WELL AND SAMPLE IDENTIFIERS (file last modified September 2007)

LOCAL – Local number used to identify well. It consists of a three-letter county code and a number.

STAID – Station identifier (same as LOCAL).

SOURCE – Pennsylvania Department of Environmental Protection Act 537 reports (Act 537).

DATES – Date 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 Act 537, the counties are Cumberland, Lancaster, Perry.

BASINS – The PADEP basin (numbers range from 1-35) the well is located in. For Act 537, wells are located in basins 23, 24.

GEO1 – General geologic unit. For 537, the units are Itcrys (light crystalline), pocarb (Precambrian through Ordovician carbonates), qscong (quartzite, sandstone, and conglomerate), redsed (red sedimentary rocks), shale (shale), trised (Triassic age sedimentary rocks).

GEOLITH – Generated numeric code that relates to GEO1. Itcrys = 4, pocarb = 5, qscong = 6, redsed = 7, shale = 10, trised = 11.

PARAMETER CODES (Analyte sampled)

P31501 – Total coliform, in colonies per 100 milliliters

P31625 – Fecal coliform, in colonies per 100 milliliters

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> |
|----------------|------------|------------------------------|
| Total coliform | 0 | colonies per 100 milliliters |
| Fecal coliform | 0 | colonies per 100 milliliters |