

Penn State Cooperative Extension – College of Agricultural Sciences
Document Titled: Gas Well Drilling and Your Private Water Supply
Water Facts #29

Web address for document: <http://extension.psu.edu/water/webinar-series/past-webinars/monitoring-strategies-near-gas-drilling/gasdrilling.pdf/view>

TIER 1:

BACTERIA
TOTAL DISSOLVED SOLIDS
Ph
IRON
MANGANESE
BARIUM
CHLORIDE
METHANE
ETHANE

TIER 2:

TOTAL SUSPENDED SOLIDS
HARDNESS:
 CALCIUM
 MAGNESIUM
SODIUM
TOTAL ORGANIC CARBON
STRONTIUM
OIL & GREASE
DETERGENTS
ARSENIC
ALKALINITY
SULFATE
NITRATE
POTASSIUM
SELENIUM

TIER 3:

VOC's (volatile organic compounds)
Total Petroleum hydrocarbons
Lead
Radionuclides-(Gross Alpha/Beta, radium 226 & 228)

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