



AquaKnow is owned and operated by SG Ventures Group, LLC

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**80 Item
 Check
 Parameter**

PA-OH-NY Gas Drilling: Test Package #2

Analytes and Minimum Detectable Levels

**\$725.00 plus \$49.95
 Shipping & Handling
 MDL(mg/1)**

MDL(mg/1)

Parameter

MDL(mg/1)

Sample Collection By AquaKnow: Cost Dependent on Locale-Call for Quote

Bacteria

Total coliform and E.coli (presence/absence)

Organic Chemicals – Volatiles (cont'd)

Inorganic Chemicals - Metals

Arsenic	0.002
Barium	0.10
Calcium	2.0
Iron	0.020
Magnesium	0.10
Manganese	0.004
Selenium	0.002
Sodium	1.0
Strontium	0.001
Zinc	0.004

cis-1,2-Dichloroethene	0.0005
trans-1,2-Dichloroethene	0.0005
1,2-Dichloropropane	0.0005
1,3-Dichloropropane	0.0005
2,2-Dichloropropane	0.0005
1,1-Dichloropropene	0.0005
cis-1,3-Dichloropropene	0.0005
trans-1,3-Dichloropropene	0.0005
Ethylbenzene	0.0005
Hexachlorobutadiene	0.0005
Isopropylbenzene	0.0005
4-Isopropylbenzene	0.0005
Naphthalene	0.0005
Dichloromethane	0.0005
Isopropyltoluene	0.0005
Propylbenzene	0.0005
Styrene	0.0005
1,1,1,2-Tetrachloroethane	0.0005
1,1,2,2-Tetrachloroethane	0.0005
Tetrachloroethene (PCE)	0.0005
Toluene	0.0005
1,2,3-Trichlorobenzene	0.0005
1,2,4-Trichlorobenzene	0.0005
1,1,1-Trichloroethane	0.0005
1,1,2-Trichloroethane	0.0005
Trichloroethene (TCE)	0.0005
Trichlorotrifluoroethane	0.0005
Trichlorotrifluoromethane	0.0005
1,2,3-Trichloropropane	0.0005
1,2,4-Trimethylbenzene	0.0005
1,3,5-Trimethylbenzene	0.0005
Vinyl Chloride	0.0005
Methyl-Tert-Butyl-Ether	0.0005
Methyl-Ethyl-Ketone	0.005
Xylenes	0.0005
Toluene	0.0005

Inorganic Chemicals and Physical Factors

Bromide	2.0
Chloride	1.0
Nitrate as N	0.05
Sulfate	5.0
Alkalinity (Total as Ca CO3)	20
Conductivity	1.0
Foaming Agents	0.1 pH (Standard Units)
pH (Standard Units)	--
Total Dissolved Solids	5.0
Total Suspended Solids	5.0

Organic Chemicals – Volatiles

Benzene	0.0005
Bromobenzene	0.0005
Bromochloromethane	0.0005
Bromomethane	0.0005
n-Butylbenzene	0.0005
sec-Butylbenzene	0.0005
tert-Butylbenzene	0.0005
Carbon Tetrachloride	0.0005
Chlorobenzene	0.0005
Chloromethane	0.0005
Chloroethane	0.0005
Chloromethane	0.0005
2-Chlorotoluene	0.0005
4-Chlorotoluene	0.0005
Dibromomethane	0.0005
1,2-Dichloroethane	0.0005
1,1-Dichloroethane	0.0005
1,2-Dichloroethane	0.0005
1,1-Dichloroethane	0.0005

Miscellaneous Organics

Methane	0.002
Ethane	0.003
Oil & Grease	5.0