

FACT SHEET

I live around a construction and demolition debris landfill and want to test my private well. What do I want to have my well tested for?

Although the construction and demolition debris landfill rules may change, currently the rules require that the landfill owner test for 77 parameters in their monitoring wells PRIOR to landfilling. Testing for these 77 parameters will give you the same information for your well.

Where do I find this list of 77 parameters?

The list is in the Ohio EPA regulations for construction and demolition debris landfills. The list is found in OAC 3745-400-10 in the appendix. This is currently pages 8 through 10 of the website reference. The OEPA website reference is http://www.epa.state.oh.us/dsiwm/document/currentrule/3745-400-10_Current.pdf. For your quick review, the list is also reproduced on the back of this sheet.

How much will this cost?

Costs vary between laboratories. Most laboratories require that a qualified, trained individual or organization collect the samples. Some laboratories provide this service directly. It is our recommendation that a trained and qualified individual collect the water sample. Only one laboratory that we identified will analyze samples if you collect them yourself. You can expect to pay as much as \$650.00 for the list of 77 parameters. A qualified individual or organization can advise you on costs for collection and analysis.

What do I tell a laboratory if I want to collect the sample myself?

Give them either the citation or a list of the parameters. Tell the laboratory you want to analyze for this list. It is important that you tell them that you want the reporting limit to be below drinking water standards. Make sure you follow their instructions.

Where do I find a laboratory that can analyze for these 77 parameters?

Below is a list of laboratories that have indicated that they are capable of performing these tests. We are not endorsing any laboratory and costs may vary between laboratories. If you collect the sample, be sure to follow the instructions from the laboratory in order to obtain reliable results.

Laboratory that will analyze water collected by private citizen:

Aqua Tech Environmental Lab, Inc. (ATEL)
1776 Marion-Waldo Road, Box 436
Marion, OH 43301-0436
Contact: Krista Hargis (740)382-5991 X 225 or 1-800-873-2835 x 225

Laboratory that will collect and analyze water

Alloway Testing, Inc.
1101 N. Cole Street
Lima, OH 45801
Contact: John Hoffman (419)223-1362

*Alloway will collect water for a discounted price if 8 or more wells sampled on same day.

List from OAC 37345-400-10 (Appendix)

- (1) Temperature
- (2) pH
- (3) Specific conductance
- (4) Chemical oxygen demand
- (5) Sodium
- (6) Chloride
- (7) Bicarbonate/carbonate
- (8) Turbidity
- (9) Ammonia
- (10) Calcium
- (11) Iron
- (12) Lead
- (13) Magnesium
- (14) Manganese
- (15) Nitrate-nitrite
- (16) Phosphorous
- (17) Potassium
- (18) Sulfate
- (19) Zinc
- (20) Acetone
- (21) Acrylonitrile
- (22) Benzene
- (23) Bromochloromethane
- (24) Bromodichloromethane
- (25) Bromoform; tribromomethane
- (26) Carbon disulfide
- (27) Carbon tetrachloride
- (28) Chlorobenzene
- (29) Chloroethane; ethyl chloride
- (30) Chloroform; trichloromethane
- (31) Dibromochloromethane;
chlorodibromomethane
- (32) 1,2-Dibromo-3-chloropropane; DBCP
- (33) 1,2-Dibromoethane; ethylene dibromide;
EDB
- (34) o-Dichlorobenzene; 1,2-dichlorobenzene
- (35) p-Dichlorobenzene; 1,4-dichlorobenzene
- (36) trans-1,4-Dichloro-2-butene
- (37) 1,1-Dichloroethane; ethylene chloride
- (38) 1,2-Dichloroethane; ethylene dichloride
- (39) 1,1-Dichloroethylene; 1,1-dichloroethene;
vinylidene chloride
- (40) trans-1,2-Dichloroethylene; trans-1,2-
dichloroethene
- (41) 1,2-Dichloropropane; propylene dichloride
- (42) cis-1,3-Dichloropropene
- (43) trans-1,3-Dichloropropene
- (44) Ethylbenzene
- (45) 2-Hexanone; methyl butyl ketone
- (46) Methyl bromide; bromomethane
- (47) Methyl chloride; chloromethane
- (48) Methylene bromide; dibromomethane
- (49) Methylene chloride; dichloromethane
- (50) Methyl ethyl ketone; MEK; 2-butanone
- (51) Methyl iodide; iodomethane
- (52) 4-Methyl-2-pentanone; methyl isobutyl ketone
- (53) Styrene
- (54) 1,1,1,2-Tetrachloroethane
- (55) 1,1,2,2-Tetrachloroethane
- (56) Tetrachloroethylene; tetrachloroethene;
perchloroethylene
- (57) Toluene
- (58) 1,1,1-Trichloroethane; methylchloroform
- (59) 1,1,2-Trichloroethane
- (60) Trichloroethylene; trichloroethene
- (61) 1,2,3-Trichloropropane
- (62) Vinyl acetate
- (63) Vinyl chloride
- (64) Xylenes
- (65) Antimony
- (66) Arsenic
- (67) Barium
- (68) Beryllium
- (69) Cadmium
- (70) Chromium
- (71) Cobalt
- (72) Copper
- (73) Nickel
- (74) Selenium
- (75) Silver
- (76) Thallium
- (77) Vanadium

Contact the Morrow County Health Department for more information:
619 Marion Road
Mt. Gilead, OH 43338
(419)947-1545