Drinking Water
Sample Submission Form

Penn State **Extension**

Agricultural Analytical Services Laboratory

Your name and contact information:

Name: _____
(Individual who sampled water)

Company: _____

Address: _____

City: _____

State: _____ Zip: _____

Telephone: _____

Fax: _____

Email: _____

Additional individual, if any, to receive copy of results:

Name: _____

Company: _____

Address: _____

City: _____

State: _____ Zip: _____

Telephone: _____

Fax: _____

Email: _____

❑ *Email report only:* Check this box and record your email address if you would prefer to have your report sent to you by email rather than surface mail. Emailed reports are received by customers 2–3 days earlier than mailed reports.

Sample Information

Sample identification: _____
(Identification for your own use to be printed on report)

Date sampled: _____ Time sampled: _____ AM PM
*(Date and time sampled **must** be completed)*

County location (if PA): _____

Please specify if your water is raw (untreated) or treated with any of the following *(check all that apply)*:

❑ Water is raw (untreated) ❑ Water softener ❑ Disinfection ❑ Carbon filter ❑ UV treated ❑ Iron filter

❑ Reverse osmosis filter ❑ Acid neutralization ❑ Other *(please specify)*: _____

If you are submitting your water sample because of a specific concern, please specify *(check all that apply)*:

❑ No specific concern ❑ Cloudiness ❑ Bad taste or odor ❑ Staining ❑ Health concern ❑ Nearby land use

❑ Other *(please specify)*: _____

If your water source is located in sight of any of the following activities, please specify *(check all that apply)*:

❑ Mining ❑ Gas/oil well ❑ Agriculture ❑ Industry ❑ Road ❑ Housing development ❑ Other: _____

Analysis Request *(See back of this form for test descriptions)*

TEST PACKAGES *(Select only one test package)*

❑ WD01	Standard	$50.00	❑ WD05	Mining	$70.00
❑ WD02	Aesthetics/Corrosivity	$75.00	❑ WD06	Gas/Oil Drilling	$65.00
❑ WD03	Aesthetics/Corrosivity Plus Lead	$115.00	❑ WD07	Trace	$130.00
❑ WD04	Agriculture/Septic	$65.00			

INDIVIDUAL TESTS

❑ Aluminum	$15.00	❑ Copper	$15.00	❑ Manganese	$15.00
❑ Arsenic	$25.00	❑ Corrosivity	$45.00	❑ Mercury	$35.00
❑ Bacteria (total coliform and *E. coli*)	$35.00	❑ Fluoride	$15.00	❑ Nitrate Nitrogen	$15.00
		❑ Hardness	$20.00	❑ pH	$10.00
❑ Barium	$15.00	❑ Iron	$15.00	❑ Sulfate	$15.00
❑ Chloride	$15.00	❑ Lead	$25.00	❑ Total Dissolved Solids	$15.00
❑ Conductivity	$10.00	❑ Lead First-Draw	$25.00	❑ Total Suspended Solids	$15.00

Total cost of test(s) selected: $ _____

Sample Payment

❑ Check enclosed. *(Make check payable to **Penn State University**)*

❑ Charge my credit card. Card type *(check one)*: ❑ Visa ❑ Mastercard

Cardholder's name: *(please print)* _____ Card number: _____

Cardholder's signature: _____ Expiration date: _____

PENNSTATE
Cooperative Extension
College of Agricultural Sciences

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Drinking Water Test Packages

ID	Package	Description	Tests Included	Cost
WD01	Standard	Basic tests for which drinking water samples should be routinely tested	Total coliform bacteria, *E. coli* bacteria, pH, and total dissolved solids	$50.00
WD02	Aesthetics/ Corrosivity	Includes tests from standard package plus those for water components that can contribute to bad taste, staining, scaling, and corrosivity	Total coliform bacteria, *E. coli* bacteria, pH, total dissolved solids *plus* hardness, corrosivity index, copper (running water), iron, and manganese	$75.00
WD03	Aesthetics/ Corrosivity Plus Lead	Includes all tests from aesthetics/corrosivity package (above) plus first draw and running water tests for lead plus first-draw copper	Total coliform bacteria, *E. coli* bacteria, pH, total dissolved solids plus hardness, corrosivity index, copper (first draw and running water), iron, manganese, first draw and running water lead	$115.00
WD04	Agriculture/ Septic	Includes tests from standard package plus nitrate-nitrogen, which may be elevated in water supplies located near intensively managed agricultural sites or in proximity to densely spaced or poorly operating septic systems	Total coliform bacteria, *E. coli* bacteria, pH, total dissolved solids plus nitrate nitrogen	$65.00
WD05	Mining	Includes tests from standard package plus those of greatest importance for water supplies located near existing or future mining activity	Total coliform bacteria, *E. coli* bacteria, pH, and total dissolved solids plus aluminum, iron, manganese, and sulfate	$70.00
WD06*	Gas/Oil Drilling	Includes tests from standard package plus those of greatest importance for water supplies located near existing or future gas and oil well-drilling activity	Total coliform bacteria, *E. coli* bacteria, pH, total dissolved solids plus barium and chloride	$65.00
WD07	Trace	Includes tests from standard package plus trace elements and metals that may be present in water supplies located near industrial waste or dump sites	Total coliform bacteria, *E. coli* bacteria, pH, total dissolved solids plus arsenic, barium, cadmium, chromium, copper, lead, nickel, mercury, and zinc	$130.00

* If you are performing this test for the purpose of documenting water quality before and/or after gas-drilling activities, it is recommended that you use an accredited laboratory that can collect your sample and provide full chain of custody. For a list of labs that provide this service, go to **agsci.psu.edu/aasl/water-testing/drinking-water-testing**.

Individual Drinking Water Tests

Test	Importance/Sources	Cost
Aluminum	Causes metallic-tasting water. Sources: some naturally occurring, but most from mining activities	$15.00
Arsenic	May cause cancer and have other serious health effects. Sources: naturally occurring; more rarely, found in pesticides, treated lumber, or industrial waste sites	$25.00
Bacteria (total coliform and *E. coli*)	May cause gastrointestinal illnesses and cause water to have bad taste or odor. Sources: surface water, septic systems and animal wastes	$35.00
Barium	May cause hypertension and other health effects. Sources: mostly from deep brines from gas/oil well drilling; may also occur from industrial activities	$15.00
Chloride	Causes salty tasting water; corrosion and blackening of steel. Sources: some naturally occurring, but primarily from gas/oil well drilling brines or road salt	$15.00
Copper	Causes blue-green stains; bitter metallic-tasting water; gastrointestinal upset; liver and kidney damage. Sources: most from corrosion of copper plumbing; more rarely from industrial waste sites	$15.00
Corrosivity	Causes metallic-tasting water, blue-green stains, leaky pipes in homes with copper plumbing. Sources: most is naturally occurring; some due to mining activities	$45.00
Fluoride	May cause bone damage and discoloration of teeth. Sources: naturally occurring; present in some industrial wastes	$15.00
Hardness	Causes whitish-gray residue when water is heated; decreased life of water heater elements; increased use of soap. Sources: naturally occurring in many areas, especially where limestone occurs	$20.00
Iron	May cause orange, brown stains; metallic-tasting water. Source: naturally occurring or from mining activities	$15.00
Lead	Many serious health effects. Often found in association with copper. Primary source: metal plumbing; more rarely from industrial wastes sites	$25.00
Manganese	Causes black stains; gives water metallic taste. Sources: naturally occurring or from mining activities	$15.00
Mercury	May cause kidney and central nervous system damage. Sources: naturally occurring; various industrial wastes	$35.00
Nitrate Nitrogen	Causes blue-baby syndrome in infants. Sources: fertilizers, animal wastes, septic systems	$15.00
pH	When low, causes bitter, metallic taste; corrosion and leaks in metal pipes. When high, causes slippery feeling water with soda taste and leads to scale deposits. Sources: naturally controlled, but may be impacted by mining activities	$10.00
Sulfate	Causes bitter medicinal-tasting water; laxative effect. Sources: naturally occurring; mining activities	$15.00
Total Dissolved Solids	Causes cloudy and/or bad-tasting water. Sources: naturally occurring, but may be caused by any land-use changes	$15.00
Total Suspended Solids	Causes cloudy or muddy-looking, bad-tasting water. Sources: can occur naturally after heavy rain, but most comes from land disturbance activities such as construction and mining	$15.00

Additional individual tests include alkalinity, calcium, cadmium, chromium, conductivity, magnesium, molybdenum, nickel, sodium, and zinc. Please contact the laboratory for details about these additional test parameters.

For additional information, visit **extension.psu.edu/natural-resources/water** or contact the lab.

This publication is available in alternative media on request.

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Code 4835 1/16pdf

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