

Irrigation Water Sample Submission Form for Turfgrasses

Penn State Extension Agricultural Analytical Services Laboratory

<p><i>Your name and contact information:</i></p> <p>Name: _____</p> <p>Company: _____</p> <p>Address: _____</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>Email: _____</p> <p><input type="checkbox"/> <i>Email report only:</i> 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.</p>	<p><i>Additional individual, if any, to receive copy of results:</i></p> <p>Name: _____</p> <p>Company: _____</p> <p>Address: _____</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>Email: _____</p>
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Sample Information

Sample identification: _____ Date sampled: _____

(Identification for your own use to be printed on report)

What is the intended water use?

Athletic fields Golf course Lawn/grounds

What is your water source?

Lake or pond River or stream Public water supply Effluent or recycled

Private well *(please specify depth):* _____ ft.

Other *(please specify):* _____

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

Untreated Acidification Surfactant injection Fertigation Sterilization Sand filter

Other *(please specify):* _____

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

TEST PACKAGES

- | | | |
|--------------------------|---------------|---------|
| <input type="checkbox"/> | WT01 Basic | \$35.00 |
| <input type="checkbox"/> | WT02 Complete | \$55.00 |

INDIVIDUAL TESTS

- | | | | |
|---|---------|--|---------|
| <input type="checkbox"/> Alkalinity, Carbonates, Bicarbonates | \$15.00 | <input type="checkbox"/> Hardness as CaCO ₃ | \$20.00 |
| <input type="checkbox"/> Ammonium Nitrogen | \$12.00 | <input type="checkbox"/> Nitrate-Nitrogen | \$15.00 |
| <input type="checkbox"/> Chloride | \$15.00 | <input type="checkbox"/> pH | \$10.00 |
| <input type="checkbox"/> Conductivity/Total Dissolved Solids | \$10.00 | <input type="checkbox"/> Sulfur | \$15.00 |
| <input type="checkbox"/> Fluoride | \$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: _____



Irrigation Water Test Packages

ID	Package	Description	Tests Included	Cost
WT01	Basic Package	Includes basic tests for assessing irrigation water quality and for troubleshooting irrigation water problems	pH, total alkalinity, bicarbonates, carbonates, residual sodium carbonate, hardness, electrical conductivity, total dissolved solids, calcium, magnesium, sodium, sodium absorption ratio, chloride, and boron	\$35.00
WT02	Complete Package	Includes tests from basic package plus fertilizer nutrients; use for evaluation of fertigation and recycled water; also appropriate for troubleshooting irrigation and fertigation water problems	pH, total alkalinity, bicarbonates, carbonates, residual sodium carbonate, hardness, electrical conductivity, total dissolved solids, calcium, magnesium, sodium, sodium absorption ratio, chloride, boron, nitrate-nitrogen, ammonium-nitrogen, phosphorus, potassium, sulfur, iron, manganese, copper, molybdenum, and zinc	\$55.00

Individual Water Tests

Test	Cost
Alkalinity, Carbonates, Bicarbonates	\$15.00
Ammonium Nitrogen	\$12.00
Chloride	\$15.00
Conductivity/Total Dissolved Solids	\$10.00
Fluoride	\$15.00
Hardness	\$20.00
Nitrate-Nitrogen	\$15.00
pH	\$10.00
Sulfur	\$15.00

extension.psu.edu

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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