

# KANSAS STATE UNIVERSITY RESEARCH AND EXTENSION

## WATER TESTING SUBMISSION FORM



**Please ship samples on ice to:**

Attn: Joshua Maher  
 Kansas State University – Olathe  
 22201 W. Innovation Dr.  
 Olathe, KS 66061

**FARMER/PRODUCER CONTACT INFORMATION**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone/Cell: \_\_\_\_\_

Fax or Email: \_\_\_\_\_

Send Results Via (check all that apply):  Fax  Email  Phone  Other (please specify: \_\_\_\_\_)

**SAMPLE SUBMISSION INFORMATION:**

No.	Source: Surface (S) Ground (G) Other (O) [circle one]	Sample ID: (i.e. west well, north pond, etc). For Surface water, please specify pond, creek, or other. For Other, please specify water source (i.e. municipal water, etc)	Date and Time Collected:	Additional Information: notes on sample source (at end of irrigation line) or environmental conditions (heavy rainfall night before)	Date and Time Tested: (lab use only)	Test Result: (Reported as MPN generic <i>E. coli</i> /100ml)
1	S G O					
2	S G O					
3	S G O					
4	S G O					
5	S G O					
6	S G O					
7	S G O					
8	S G O					
9	S G O					
10	S G O					

**Notes:** -Samples were tested using IDEXX Colilert Test Kit Quanti-Tray 2000 for generic *Escherichia coli* (*E. coli*) quantification, which is one of the methods that is acceptable under the Food Safety Modernization Act (FSMA) Produce Safety Rule water testing requirements. The results of this test are reported as the Most Probable Number (MPN)/100ml, synonymous with colony forming units (CFU)/100ml, which is the unit specified in the FSMA regulations.

-For compliance with the FSMA produce safety rule, producers must develop a water quality profile over time, rather than just rely one sample result. At this time, only water test results from after the year 2022 will be used for regulatory compliance purposes. However, these water test results will provide historical data to farmers and will indicate to farmers if action needs to be taken due to their water sampling results. Currently, the Geometric Mean (~average) of your total water quality profile must be  $\leq 126$  CFU generic *E. coli*/100 mL water for PRE-harvest agricultural water and must be 0 CFU generic *E. coli*/100 mL water for POST-harvest water. Please visit [www.ksre.k-state.edu/foodsafety/produce/fsma/index.html](http://www.ksre.k-state.edu/foodsafety/produce/fsma/index.html) for more information on water quality and produce safety in general or contact Cal Jamerson ([agri@ksu.edu](mailto:agri@ksu.edu) or 913 307 7391).

-Sample analysis results will be used only for research purposes and if reported, would only be reported in scientific journals and scientific meetings. No individual test results or contact information will be shared outside the research team.

- We have just been informed that these results will be accepted by USDA GAP/GHP auditors as well.