

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD
RHODE ISLAND**

WELL WATER TESTING

(No.)

CODE 355

DEFINITION

Testing for physical, biological and chemical characteristics of well water.

of potential contamination such as surface water, septic system, chemical storage facilities, roads, and animal waste storage or treatment facility.

PURPOSE

To determine the quality of a water supply for the intended use.

- Water supply construction practices used such as dug, drilled, casing, or spring development.

CONDITIONS WHERE PRACTICE APPLIES

This standard applies to water supplies that are used or have potential to be used on agricultural operations.

PLANS AND SPECIFICATIONS

Follow Rhode Island Department of Health or Rhode Island Department of Environmental Management guidelines for collection, storage, transport, testing, and reporting.

CRITERIA

The specific use of the water and the water quality concerns shall be identified.

The required tests and applicable standards shall be determined based on the planned use of the water.

Water samples shall be collected and analyzed by a laboratory certified by the State of Rhode Island Department of Health in accordance with established procedures. Contact the testing entity for specific guidance.

Interpretation of test results and recommendations for remedial actions, as necessary, shall be obtained from a knowledgeable source appropriate to the test and purpose.

OPERATION AND MAINTENANCE

Records on water testing information will include:

CONSIDERATIONS

The following items should be considered in planning water supply testing:

- Location and depth of supply, type of geology and history of site in relationship to sources

- Date water sample taken,
- Name and title of person who collected sample,
- Standard collection procedure followed,
- Water test analysis date,
- Laboratory used,
- Contaminants tested for,
- Schedule of additional testing at required frequency according to applicable standard.
- Records to evaluate trends and the effects of remedial action.
- Weather data, and
- Other records as required