



## CONTAINMENT SUMP INTEGRITY TESTING – HYDROSTATIC TESTING METHOD

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF WASTE MANAGEMENT – UNDERGROUND STORAGE TANK PROGRAM

SFN 62222 (09-2022)

Telephone: 701-328-5166

Fax: 701-328-5200

Email: [ndust@nd.gov](mailto:ndust@nd.gov)

Website: <https://deq.nd.gov/wm>

Clear Form

This procedure is used to test the leak integrity of containment sumps which include piping sumps and under dispenser containment sumps. This procedure is not used to test spill buckets. See PEI/RP1200-17, Section 6.5 for test method.

### FACILITY INFORMATION

Facility Name	Telephone Number		
Address	City	State	ZIP Code

### SUMP TESTER INFORMATION

Name of Tester	Name of Company		
Address	City	State	ZIP Code
Telephone Number	Email Address		

### SUMP TEST

Date of Test:						
Containment Sump ID						
Containment sump material						
Liquid and debris removed from sump?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Visual inspection (No cracks, loose parts or separation of containment sump)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Containment sump depth						
Height from bottom to top of highest penetration						
Starting Water Level						
Test Start Time						
Ending Water Level						
Test End Time						
Test Period (minimum Test Time: 1 Hour)**						
Water Level Change						
Pass/Fail Criteria: Must pass visual inspection and water level drop of less than 1/8 inch.						
Test Results	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

\*\* Accelerated precision hydrostatic tests may be used. See PEI/RP1200-17, Section 6.6.