## **Containment Sump Hydrostatic Integrity Test**

**Test Dates** 

September 15th & 26th

## Site Name & Address

Stafford Oil 227 Court St. Laconia, NH 03247

## Facility# / Site#

0111695 / 199602042

This procedure tests the integrity of containment sumps per PEI RP 1200-17

Test Date	15-Sep	15-Sep	15-Sep	15-Sep	26-Sep	26-Sep	26-Sep	26-Sep
Containment Sump ID	1/2	3/4	5/6	7/8	1/2	3/4	5/6	7/8
Product	MPD	MPD	MPD	MPD	MPD	MPD	MPD	MPD
Containment Sump Location	Disp.	Disp.	Disp.	Disp.	Disp.	Disp.	Disp.	Disp.
Containment Sump Material	Poly	Poly	Poly	Poly	Tests performed per NH DOT, ONLY to ensure the integrity of sump bottoms for installation of stand-alone sensors as a temporary waiver to fascilate operations while awaiting repairs / reconstruction.			
Liquid & Debris removed from sump	Yes	Yes	Yes	Yes				
No cracks, loose parts or separation of the sump	False	False	False	False				
Double-wall piping sealed	Yes	Yes	Yes	Yes				
Containment sump depth	35	35	35	35				
Wait 15 minutes to allow for sump deflection	Yes	Yes	Yes	Yes	Sump bottom to bottom of lowest entry			
Height from bottom to top highest pentration	13.000	14.000	17.000	17.000	2.000	7.000	2.000	2.000
Starting fluid level	7.000	7.500	7.250	28.000	2.000	7.000	2.000	2.000
Test start time	4:00 PM	4:00 PM	4:00 PM	5:30 PM	2:00 PM	2:10 PM	2:20 PM	2:25 PM
Ending fluid level	6.000	7.000	7.250	16.125	2.000	7.000	2.000	2.000
Test end time (minimum 3 hours)	7:30 PM	7:45 PM	7:55 PM	8:15 PM	6:30 PM	6:30 PM	6:30 PM	6:30 PM
Fluid level change	1.000	0.500	0.000	11.875	0.000	0.000	0.000	0.000
Test results	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS

Pass/fail criteria: (1) Visual Inspection (2) Hydrostatic Test: < .125" H2O level drop after at least 3 hours

Comments: Unable to achieve test height on any dispenser.

Disp. #1/2: Torn boot internal to the sump, sump walls deformed, through wall fittings no fluger flush to wall

Disp. #3/4: Sump walls deformed, through wall fittings no longer fllush to wall

Disp. #5/6: Sump walls deformed, through wall fittings no longer fllush to wal, unused vapor return tank is compressed

Disp. #7/8: Sump walls deformed, through wall fittings no longer fllush to wall

All sumps passed the sump bottom tests.

Tester: Jim Spiller

Signature: Jam M.Spills



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