

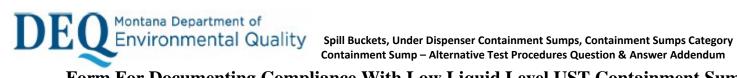
Containment Sump - Alternative Test Procedures Question & Answer Addendum

Form For Documenting Compliance With Low Liquid Level UST Containment Sump Testing Procedures

Facility Nu	ımbe	er:Facility Name:				
Company:						
Street Add	ress	City: State: Zip:			_	
County:						
Testing Co	mpa	ny Name And Number, If Applicable:				
Street Add	ress	City:State: 7	ip			
		rinted:Signature:				
Date Of Te	est					
			Sump	1 Sump 2	2 Sump 3	Sump 4
Instructions		ess instructed otherwise, place your initials in the boxes on the right side this form to indicate compliance with the checklist or steps for each sump. Name/Designation of Su	mp			
sting	1	Determine if there is liquid present in the sump at levels high enough to trigger a properly positioned sensor, even if the alarm is not activated. Remove any debris or liquid in the containment sump prior to testing.				
	2	Identify if sensors' positions are elevated or otherwise manipulated to prevent activation.			+	
	3	Confirm the sump has no cracks, holes, or compromised boots located in the portion of the sump where water will be added during the low liquid sump test. The test requires you add at least 4 inches of water above the height required for sensor activation, so this area must be free of cracks, holes, or compromised boots. If any of these are present in this area this test method cannot be used.	.,			
	1	Prepare for the sensor functionality test by determining and documenting how the test should be performed.				
Part A – Functional Testing Steps	2	Secure a measuring stick vertically against the wall nearest the lowest level of the sump and ensure it is in a visually accessible place so you can read the markings on the measuring stick. Use a clamp, tape, or other adhesive method to immobilize the stick for the entire course of the test, even while the measuring stick is underwater. Leave several inches markings visible, ideally between 2 to 8 inches from the bottom of the sump. Some owners may choose to use a float an console type of probe instead of a measuring stick.				
Functiona Steps	3	Immerse the sensor in liquid at least to a height that ensures the sensor is activated and alarm activates.				
	4	Determine if the sensor is in alarm.				
art A –	5	If the sensor alarms successfully, verify that either: The pump has automatically shut off when liquid activated the sensor or the dispenser has automatically shut off when liquid activated the sensor, and the facility is always staffed when the pumps are operational.	r;			
Ps	6	If the sensor passed the visual inspection, the functional inspection for alarm, and each pump or dispenser is disabled, continue to Part B for liquid tightness and integrity testing. Write pass or fail in the box on the right.				

Sump 1 Sump 2 Sump 3 Sump 4

Instructions		less instructed otherwise, place your initials in the boxes on the right side of this form to indicate compliance with the ocklist or steps for each sump.				
	1	If necessary, add more water into the sump until the liquid level is at least 4 inches above the height required to activate the sensor.				
rity	2	Wait 5 minutes.				
Integrity g Steps	3	Measure and record the liquid height in the sump. Document the level and the current time on the test report form. Record the level and time in the box on the right.				
Part B – I Testing	4	Do not disturb the water in the sump for at least one hour.				
	5	After one hour has elapsed since measuring the height of the liquid, check the liquid level again. Record the liquid measurement and the current time on the test report form. Record the level and time in the box on the right.				
	6	Compare the two liquid measurement numbers. If the level has dropped by more than 1/8 inch, then the sump failed the low liquid level hydrostatic integrity test. Write pass or fail in the box on the right.				
	1	Remove the measuring stick or probe from the sump.				
After Test Steps	2	Remove as much water from the sump as possible. Ensure you properly dispose of the sump test water according to all legal requirements.				
	3	Reposition the sensor, if needed, and replace the sump cover and manhole cover.				
		Indicate Pass Or Fail For Each Sump	Pass Fail	Pass Fail	Pass Fail	Pass Fail



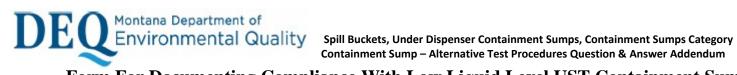
Form For Documenting Compliance With Low Liquid Level UST Containment Sump Testing Procedures

Facility Number: _____Facility Name: ____

Company:						
Street Add	ress	City: State: Zip:				
		ny Name And Number, If Applicable:				
		City:State:Zip				
-		rinted:Signature:				
				-		
Duit Of Te	.st		Sump 5	Sump 6	Sump 7	Sump 8
Instructions		ess instructed otherwise, place your initials in the boxes on the right side his form to indicate compliance with the checklist or steps for each sump. Name/Designation of Sump				
	1	Determine if there is liquid present in the sump at levels high enough to trigger a properly positioned sensor, even if the				
ing s	2	alarm is not activated. Remove any debris or liquid in the containment sump prior to testing. Identify if sensors' positions are elevated or otherwise manipulated to prevent activation.				
esti	3	Confirm the sump has no cracks, holes, or compromised boots located in the portion of the sump where water will be				
Street Addr County: Sesting Cor Street Addr County: Sester Nam Date Of Tes		added during the low liquid sump test. The test requires you add at least 4 inches of water above the height required for				
Ē		sensor activation, so this area must be free of cracks, holes, or compromised boots. If any of these are present in this area,				
		this test method cannot be used.				
	1	Prepare for the sensor functionality test by determining and documenting how the test should be performed.				
8	2	Secure a measuring stick vertically against the wall nearest the lowest level of the sump and ensure it is in a visually				
sti		accessible place so you can read the markings on the measuring stick. Use a clamp, tape, or other adhesive method to				
Street Address County: Festing Composite Address County: Fester Name, Date Of Test_ Instructions: U 2 3 4 5		immobilize the stick for the entire course of the test, even while the measuring stick is underwater. Leave several inches of markings visible, ideally between 2 to 8 inches from the bottom of the sump. Some owners may choose to use a float and				
		console type of probe instead of a measuring stick.				
ctic æps	3	Immerse the sensor in liquid at least to a height that ensures the sensor is activated and alarm activates.				
Street Addre County: Festing Composition Street Addre County: Checks County: Checks County: Checks County: Checks County: Instructions: U	4	Determine if the sensor is in alarm.				
	5	If the sensor alarms successfully, verify that either: The pump has automatically shut off when liquid activated the sensor;				
		or the dispenser has automatically shut off when liquid activated the sensor, and the facility is always staffed when the				
	<u> </u>	pumps are operational.				
Щ	6	If the sensor passed the visual inspection, the functional inspection for alarm, and each pump or dispenser is disabled,				
		continue to Part B for liquid tightness and integrity testing. Write pass or fail in the box on the right.				

Sump 5 Sump 6 Sump 7 Sump 8

Instructions		less instructed otherwise, place your initials in the boxes on the right side of this form to indicate compliance with the exklist or steps for each sump.				
	1	If necessary, add more water into the sump until the liquid level is at least 4 inches above the height required to activate the sensor.				
rity	2	Wait 5 minutes.				
Part B – Integrity Testing Steps	3	Measure and record the liquid height in the sump. Document the level and the current time on the test report form. Record the level and time in the box on the right.				
	4	Do not disturb the water in the sump for at least one hour.				
	5	After one hour has elapsed since measuring the height of the liquid, check the liquid level again. Record the liquid measurement and the current time on the test report form. Record the level and time in the box on the right.				
	6	Compare the two liquid measurement numbers. If the level has dropped by more than 1/8 inch, then the sump failed the low liquid level hydrostatic integrity test. Write pass or fail in the box on the right.				
	1	Remove the measuring stick or probe from the sump.				
After Test Steps	2	Remove as much water from the sump as possible. Ensure you properly dispose of the sump test water according to all legal requirements.				
	3	Reposition the sensor, if needed, and replace the sump cover and manhole cover.				
		Indicate Pass Or Fail For Each Sump	Pass Fail	Pass Fail	Pass Fail	Pass Fail



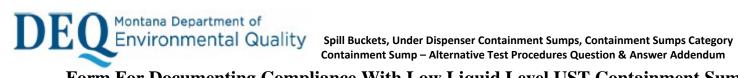
Form For Documenting Compliance With Low Liquid Level UST Containment Sump Testing Procedures

Facility Number: _____Facility Name: ____

Company:								
Street Add	ress:		City:	State:	_ Zip:			
County: _								
Testing Co	mpa	ny Name And Number, If Ap	pplicable:					
Street Add	ress:		City:	State:	Zip			
County:								
Tester Nan	ne, P	rinted:	Signature: _					
Date Of Te	est							
					S	Sump 9 Sump 10	Sump 11 Sump	12
Instructions				Name/Designat	ion of Sump			
1	1				ven if the			
tin ks	2							
tes	3	Confirm the sump has no cracks, he	oles, or compromised boots located in the por	tion of the sump where water	will be			
jë C								
Pre- Cl		sensor activation, so this area must this test method cannot be used.	be free of cracks, holes, or compromised boo	its. If any of these are present is	n this area,			
	1		test by determining and documenting how th	e test should be performed.				
مح	2				sually			
itin								
Tes			City:State:Zip:					
lal				me owners may choose to use	a float and			
– Functional Testing Steps		console type of probe instead of a n						
nc Ste	3		t to a height that ensures the sensor is activate	ed and alarm activates.				
Fu }	4	Determine if the sensor is in alarm.	2°C - 41-4-2°41	-1. 4 - CC - 1 1' - '.1 4' 4 . 1	41			
	5							
Part A		pumps are operational.	nut off when fiquid activated the sensor, and	the facility is always staffed w	nen me			
Pa	6		ection, the functional inspection for alarm, and	d each pump or dispenser is di	State: Zip Sump 9 Sump 10 Sump 11 Sump 1 Name/Designation of Sump y positioned sensor, even if the ing. the sump where water will be a rabove the height required for above the height required for a for these are present in this area, and ensure it is in a visually or other adhesive method to derwater. Leave several inches of the samp choose to use a float and arm activates. when liquid activated the sensor; ity is always staffed when the sump or dispenser is disabled,			

Sump 9 Sump 10 Sump 11 Sump 12

Instructions		less instructed otherwise, place your initials in the boxes on the right side of this form to indicate compliance with the cklist or steps for each sump.				
Part B – Integrity Testing Steps	1	If necessary, add more water into the sump until the liquid level is at least 4 inches above the height required to activate the sensor.				
	2	Wait 5 minutes.				
	3	Measure and record the liquid height in the sump. Document the level and the current time on the test report form. Record the level and time in the box on the right.				
	4	Do not disturb the water in the sump for at least one hour.				
	5	After one hour has elapsed since measuring the height of the liquid, check the liquid level again. Record the liquid measurement and the current time on the test report form. Record the level and time in the box on the right.				
	6	Compare the two liquid measurement numbers. If the level has dropped by more than 1/8 inch, then the sump failed the low liquid level hydrostatic integrity test. Write pass or fail in the box on the right.				
	1	Remove the measuring stick or probe from the sump.				
After Test Steps	2	Remove as much water from the sump as possible. Ensure you properly dispose of the sump test water according to all legal requirements.				
	3	Reposition the sensor, if needed, and replace the sump cover and manhole cover.				
		Indicate Pass Or Fail For Each Sump	Pass Fail	Pass Fail	Pass Fail	Pass Fail



Form For Documenting Compliance With Low Liquid Level UST Containment Sump Testing Procedures

Facility Number: _____Facility Name: _____

Company:	·					
Street Add	lress	: City:	State:	_ Zip:		
County: _						
Festing Co	ompa	ny Name And Number, If Applicable:				
				•		
	CBC			Sump	13 Sump 14 Sump	15 Sump 16
Instruction		less instructed otherwise, place your initials in the boxes on the right side this form to indicate compliance with the checklist or steps for each sump.	Name/Designati	ion of Sump		
	1			en if the		
8						
Pre-testing Checks	2					
te The	3					
Pre						
		1	ots. If any of these are present if	n this area,		
	1		he test should be performed			
	2			molly.		
ij			City:State:Zip:			
est			City:			
I I						
– Functional Testing Steps		console type of probe instead of a measuring stick.				
inctio Steps	3	Immerse the sensor in liquid at least to a height that ensures the sensor is activa	ted and alarm activates.			
in S	4	Determine if the sensor is in alarm.				
	5	If the sensor alarms successfully, verify that either: The pump has automatically	y shut off when liquid activated	the sensor;		
Part A		or the dispenser has automatically shut off when liquid activated the sensor, and	d the facility is always staffed w	hen the		
art		pumps are operational.				
4	6		City:State:Zip:			
		continue to Part B for liquid tightness and integrity testing. Write pass or fail in	the box on the right.			

Sump 13 Sump 14 Sump 15 Sump 16

Instructions		ess instructed otherwise, place your initials in the boxes on the right side of this form to indicate compliance with the cklist or steps for each sump.				
3 – Integrity ting Steps	1	If necessary, add more water into the sump until the liquid level is at least 4 inches above the height required to activate the sensor.				
	2	Wait 5 minutes.				
	3	Measure and record the liquid height in the sump. Document the level and the current time on the test report form. Record the level and time in the box on the right.				
	4	Do not disturb the water in the sump for at least one hour.				
Part B	5	After one hour has elapsed since measuring the height of the liquid, check the liquid level again. Record the liquid measurement and the current time on the test report form. Record the level and time in the box on the right.				
	6	Compare the two liquid measurement numbers. If the level has dropped by more than 1/8 inch, then the sump failed the low liquid level hydrostatic integrity test. Write pass or fail in the box on the right.				
	1	Remove the measuring stick or probe from the sump.				
After Test Steps	2	Remove as much water from the sump as possible. Ensure you properly dispose of the sump test water according to all legal requirements.				
	3	Reposition the sensor, if needed, and replace the sump cover and manhole cover.				
		Indicate Pass Or Fail For Each Sump	Pass Fail	Pass Fail	Pass Fail	Pass Fail