

# Interstitial Monitoring for Double Walled Pipes

Facility Name:

Facility ID#:

**INTERSTITIAL MONITORING for PIPING** must be conducted and recorded at least once a month. Use this page for liquid probes/sensors AND manual methods (sticking or visual).

Make of monitor (required):

Model of monitor (required):

**UST information: If a shaded question does not apply, leave it blank**

TAG # TAG # TAG # TAG # TAG #

1	Is ISM used as the primary method of piping leak detection (req'd if installed after 11/26/2009)?																			
2	If yes, are there records showing the sumps have been tested liquid tight in the last 3 years? <b>Submit test results</b> with inspection.																			
3	Is the product pipe's interstitial space monitored on a continuous basis?																			
4	Are console liquid status records available for the past twelve months?																			
5	<p><b>If question #4 is marked "NO", select the months in which liquid status records are NOT available?</b></p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table> <p><b>1 = Jan, 2 = Feb, etc.</b></p>	1	2	3	4	5	6	7	8	9	10	11	12							
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10	11	12																		
6	Are all sensors positioned to detect a 3 gph leak within one hour? (Sensor at low point in sump)																			
7	Are records available showing each sensor was tested annually for operability? <b>Submit test results.</b>																			
8	Is the console set to disable the pumping apparatus for any failed leak test (liquid alarm)?																			
9	Is the product pipe's interstitial space monitored manually on a monthly basis?																			
10	Do any of the monitoring results indicate liquid in the interstice? If "YES", please identify the month(s) and tank.																			
11	Are product pipe leak detection records available for the past twelve months?																			
12	<p><b>If question #11 is marked "NO", select the months in which leak detection test records are NOT available?</b></p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table> <p><b>1 = Jan, 2 = Feb, etc.</b></p>	1	2	3	4	5	6	7	8	9	10	11	12							
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13	Is the product pipe trench lined with an approved impervious artificial membrane to achieve secondary containment?																			
14	If monitoring the product pipe trench, are the wells clearly marked and secured?																			
15	Are product pipe leak detection records available for the past 12 months?																			
16	<p><b>If question #15 is marked "NO", select the months in which leak detection records are NOT available.</b></p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table> <p><b>1 = Jan, 2 = Feb, etc.</b></p>	1	2	3	4	5	6	7	8	9	10	11	12							
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17	Is product pipe leak detection equipment accessible and functional?																			
18	Do any containment sumps have product in them?																			
19	Do any containment sumps have water in them such that leak detection is impacted?																			

(Inspector Initial)

(Date)

(Owner/Operator Initial)

(Date)