Interstitial Monitoring

Facility ID #: 35000026

Manufacturer and Name of System Warrick Controls DWF-Type 11 RS-10 Sensor

Date System Installed: Jan 1, 1991

Materials Used for Secondary Barrier:

Materials Used for Internal Lining:

Interstitial Space is Monitored: Automatically ☑ Continuously ☐ Monthly ☐

Please check 'YES' or 'NO' or 'N/A' for each question

(1) All tanks/piping in system are fitted with secondary containment & interstitial monitoring?	YES	☑	NO	☐	N/A	☐
(2) System is designed to detect a release from any portion of UST system that routinely contains product?	YES	☑	NO	☐	N/A	☐
(3) Monitoring method documented as capable of detecting leak as small as .1 gal/hr. with at least 95% probability of detection & a probability of false alarm of no more then 5%?	YES	☑	NO	☐	N/A	☐
(4) Documentation of monthly readings is available for last 12 months?	YES	☑	NO	☐	N/A	☐
(5) Maintenance & calibration documents & records are available & indicate appropriate maintenance procedures for system have been implemented?	YES	☑	NO	☐	N/A	☐
(6) Monitoring box, if present, is operational?	YES	☑	NO	☐	N/A	☐
(7) If monitoring wells are part of release detection system, monitoring wells are clearly marked secured to avoid unauthorized access & tampering?	YES	☑	NO	☐	N/A	☐
(8) Interstitial space is monitored manually on monthly basis? (If yes, answer next question)	YES	☑	NO	☐	N/A	☐
(a) Equipment used to take readings is accessible and functional?	YES	☑	NO	☐	N/A	☐
(9) Tank is double-walled?	YES	☑	NO	☐	N/A	☐
(10) Tank is fitted with internal bladder to achieve secondary containment? (If yes, then answer following question).	YES	☐	NO	☐	N/A	☑
(a) Bladder is compatible with substance stored & will not deteriorate in the presence of that substance?	YES	☐	NO	☐	N/A	☑
(11) Excavation is lined with impervious artificial material to achieve secondary containment (If ye answer the following questions).	YES	☐	NO	☐	N/A	☑
(a) Secondary barrier is always above groundwater?	YES	☐	NO	☐	N/A	☑
(b) If secondary barrier is not always above groundwater, secondary barrier & monitoring designs are for use under such conditions?	YES	☐	NO	☐	N/A	☑
(c) Secondary barrier is constructed from artificially constructed material, with permeability to substance < 10^6 cm/sec?	YES	☐	NO	☐	N/A	☑
(d) Secondary barrier is compatible with the regulated substance stored and will not deteriorate in presence of substance?	YES	☐	NO	☐	N/A	☑
(e) Secondary barrier does not interfere with operation of cathodic protection system?	YES	☐	NO	☐	N/A	☑
(12) Release detection system is operating properly (i.e., able to detect a release from any portion of the system that routinely contains product). [2]	YES	☑	NO	☐		
(13) Tanks and piping are monitored monthly for releases and records are available (must have records for the two most recent consecutive months and for 8 months of the last 12 months). [5]	YES	☑	NO	☐		

Inspector's Signature: R Fowler Signed with SignDoc Signed on 2008-03-14 9:30:13

Date Mar 14, 2008