Underground Storage Tank Compliance Inspection Field Notes

Upload required overall site photo under "Upload site photos" when entering an inspection.

Iowa Department of Natural Resources
Underground Storage Tank Section
6200 Park Ave Ste 200
Des Moines IA 50321
www.iowadnr.gov/ust
ustoperations@dnr.iowa.gov

General Information

FACILITY, CONTACT & INSURANCE INFORMATION

Site Name: _____ Registration No.: _____

Date of Last Inspection: _____ Site Contact: _____

Address: _____ City/Zip: _____

Phone: _____ Email: _____

Insurer: _____ Method: _____ Expiration Date: _____

Operations: ☐ Always Staffed ☐ Always Unstaffed ☐ Combination

Vapor Control: ☐ Small GDF ☐ Medium GDF ☐ Large GDF ☐ NA

OPERATOR TRAINING & GENERAL RECORD KEEPING

Class B Operator Name: _____

Class A/B Operator Training Documented	☐ Yes	☐ No	
Class C Operator Training Documented	☐ Yes	☐ No	☐ NA
Emergency Contact Information Posted	☐ Yes	☐ No	
Site Record Keeping Is Adequate	☐ Yes	☐ No	
30 Day Walk Through Inspections Documented	☐ Yes	☐ No	☐ NA
Annual Walk Through Inspections Documented	☐ Yes	☐ No	☐ NA
Spill Bucket Equipment Passing Test Documents (Periodic 3 years)	☐ Yes	☐ No	☐ NA
Overfill Prevention Equipment Passing Test Documented (Periodic 3 Years)	☐ Yes	☐ No	☐ NA
Electronic and Mechanical Release Detection Equipment Passing Test Documented (Annually)	☐ Yes	☐ No	☐ NA
Containment Sumps/UDC Used for Interstitial Monitoring of Piping Passing Test Documented (Periodic 3 year)	☐ Yes	☐ No	☐ NA
Operator Training and Record Keeping Pass Inspection	☐ Yes	☐ No	

OWNER INFORMATION

Owner Name: _____ Phone: _____

Company Name: _____

Owner Address: _____ Email: _____

City: _____ State: _____ Zip Code: _____

INSPECTION DETAIL

Date of This Inspection: _____ Inspection Type: _____

Inspector Name: _____ Inspector Cert #: _____

TANK & DISPENSER DATA

Number of Tanks Present: _____ Number of Dispensers Present: _____

Tank 1 Tag #: _____ Tank 2 Tag #: _____ Tank 3 Tag #: _____ Tank 4 Tag #: _____

NOTES

Tank and Piping Summary

Tank	Tank #1	Tank #2	Tank #3	Tank #4
Annual and permanent tags attached to fill port	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
System is compatible with substance stored	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
Status (Active, Temp Closed, Other)				
Date of Temp Closure (If applicable)				
Brand/Model				
Construction Material				
Capacity (Gallons)				
Product (Specify Type)				
Piping				
Pipe Number				
Piping Brand/Model				
Construction Material				

Leak Detection

Please fill out the section below that corresponds with the primary Leak Detection method for the system, and only that section.

NOTE: If the answer to any question in the selected section is No, please explain below. List any problems noted during inspection, regardless of if they were corrected the day of the inspection.

Automatic Tank Gauging (Tank Only)

	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Console make and model				
2. CSLD	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Tank is tested near level it is routinely filled	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Monitoring panel or control box is present and operational	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Probe functioning	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. ATG is operating according to certification, test period, and limitations of third party evaluation	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. ATG test results are valid (i.e. tested at level it is routinely filled)	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Last 12 months of records available	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Existing release detection results show no evidence of a release within the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
10. ATG passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Statistical Inventory Reconciliation (UST Systems)

Fill out this section if tank and/or pipe uses Statistical Inventory Reconciliation (SIR) for monthly release detection monitoring. Fill out either ATG or Inventory Control sections depending on which method is used for data collection.

Answer all that apply for each tank & pipe	Tank #1 & Pipe	Tank #2 & Pipe	Tank #3 & Pipe	Tank #4 & Pipe
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. SIR method third party evaluated	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Vendor Name				
3. Last 12 months of records available	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. No test Fail in last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. No consecutive inconclusive results in the last 12 months prior to inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Reports are valid (calculated leak rate, minimum deductible leak rate, leak threshold, probability of detection and probability of false alarm included), & results returned to owner within 2 weeks	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Suspected release properly investigated within 24 hours of inconclusive or failed results	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Existing leak detection results show no evidence of a leak	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. SIR passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Inventory Control & Tightness Testing

	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Still eligible for combination of Inventory Control and TTT (Method may be used only for 10 years after installation date.)	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Gauge stick is marked so the owner is capable of determining product level to the nearest 1/8" or in accordance with the SIR method	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Fuel deliveries are measured and recorded	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Amount pumped it recorded	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Monthly water readings recorded	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Fill pipe drop tube observed	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Total monthly overages or shortages are less than 130 gallons + 1% of the tank's flow through (sales) volume for the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Last 12 months of inventory data available	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Existing release detection results show no evidence of a leak	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
10. Tightness test method approved by third party evaluation	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
11. Last tightness test results completed within required frequency. Results are available and pass	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
12. Date of next tank tightness test				
13. Inventory Control and Tank Tightness Testing passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Vapor Monitoring - Tank and Piping

Answer all the apply with Yes/No for each tank & pipe	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Site is not an active or former LUST site	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Regulated substance vaporizes readily even in cold weather conditions	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Wells are locked and secured	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Wells are not damaged and clearly marked	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Wells are sufficient in number and properly placed to detect vapors from releases from any part of the tank/piping	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Wells are free of water and/or other interferences to vapor detection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Monitoring results recorded at least once per month	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Monitoring method is appropriate for vapor detection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Monitoring method used:				
10. Records available for last 12 months and acceptable	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
11. Monitoring results show no evidence of a release	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
12. Vapor Monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Groundwater Monitoring (Tank and Piping)

Answer all the apply with Yes/No for each tank & pipe	Tank #1	Tank #2	Tank #3	Tank #4
1. Method used (manual or automatic):				
2. Site is not an active or historical LUST site	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Regulated substance stored does not mix with water (floats on surface of water)	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Wells are opened and groundwater was observed/ measured not more than 20 feet from the ground surface.	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Wells intercept the Tank Pit (backfill) and are sufficient in number	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Static water level is within the screened interval of the well	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Monitoring results recorded at least once per month	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Monitoring wells are clearly marked, undamaged and have adequate wellhead protection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Past 12 months of records are available and acceptable	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
10. Groundwater Monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Manual Tank Gauging

Answer for each tank	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Is the tank 1000 gallons or less	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Measuring stick is calibrated to 1/8th inch	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Manual Tank Gauging conducted properly each week using the correct standards and duration	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Answer for each tank	Tank #1	Tank #2	Tank #3	Tank #4
4. Calculated volume change does not exceed monthly or weekly standards	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Monitoring records available for the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Existing release detection results show no evidence of a release	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

If the answer to question 1 above is yes, do not fill out questions 7-11

7. Tightness test method approved by third party evaluation	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Required portion of the tank was tested	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Last tightness test results completed within required frequency. Results are available and pass.	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
10. Records available for last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
11. Still eligible for combination of Manual Tank Gauging and Tank Tightness Testing (Method may be used only for 10 years after installation date.)	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
12. Manual Tank Gauging passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Interstitial Monitoring (Tank)

Answer all the apply for each tank & pipe	Tank #1	Tank #2	Tank #3	Tank #4
Is the Electronic Sensor method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Interstice monitored at lowest point of secondary containment	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Monitor is operational and functioning properly	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Interstice is dry	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Monthly leak detection records available for last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. No evidence of a leak within the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Electronic Interstitial monitoring method third party evaluated	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Electronic interstitial monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Is the Atmospheric/Manual method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Interstice monitored at lowest point of secondary containment	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Interstice is dry	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Monthly leak detection records available for last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. No evidence of a leak within the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Manual Interstitial monitoring method third party evaluated	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Manual Interstitial monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Is the Hydrostatic (Brine Filled) method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Fluid level within allowed range	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Monitor is operational and functioning properly	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Monthly leak detection records are available for last 12 month	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Answer all the apply for each tank & pipe	Tank #1	Tank #2	Tank #3	Tank #4
4. No evidence of leak in the past 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Hydrostatic Interstitial monitoring method third party evaluated	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Hydrostatic Interstitial monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Is the Vacuum/Pressure method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Gauge reading				
2. Gauge reading within allowed range	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Date gauge last calibrated				
4. Monitor is operational and functioning properly	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Monthly leak detection records are available for last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. No evidence of leak within last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Vacuum/Pressure Interstitial monitoring method third party evaluated	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Vacuum/Pressure Interstitial monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Monitoring UDC

Answer all that apply for each dispenser	Dispenser 1	Dispenser 2	Dispenser 3	Dispenser 4
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Monitoring Type (Sensor or Visual) - If visual proceed to #9				
2. Manufacturer of sensor				
3. Name/Model of sensor				
4. Sensor third party certified	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. Sensors function/operability check date				
6. Sensors function/operability check results	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
7. Sensors properly placed	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
8. Secondary enters sump and allows release to be detected	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
9. UDC monitored monthly and recorded	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
10. Last 12 months records available	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
11. No evidence of release in the last 12 months	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
12. UDC Monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Monitoring Tank Sump, Pipe Sump Containment

Tank Sump Monitoring – Required for installs after Nov. 28, 2007	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Monitoring Type (Hydrostatic, Pressure, Sensor, Vacuum, Visual) - if Visual, proceed to #8				
2. Manufacturer of sensor				

Tank Sump Monitoring – Required for installs after Nov. 28, 2007	Tank #1	Tank #2	Tank #3	Tank #4
3. Name/Model of sensor				
4. Sensor third party evaluated	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Sensors function/operability tested within last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Interstitial area monitored and recorded monthly	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. Sensor properly placed	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Tank Sump monitored monthly and recorded	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Tank Sump inspected and tested within the last two years and passes	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
10. Records available for the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
11. No evidence of leak in the last 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
12. Tank Sump monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Piping Sump Monitoring (Required for installs after Nov. 28, 2007)	Piping#1	Piping #2	Piping #3	Piping #4
Pipe Number				
1. Monitoring Type (Hydrostatic, Pressure, Sensor, Vacuum, Visual) – if Visual, proceed to #8				
2. Manufacturer of sensor				
3. Name/Model of sensor				
4. Sensor third party evaluated	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. Sensors function/operability tested within last 12 months	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
6. Sensor properly placed	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
7. Sensor is operational and functioning properly	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
8. Secondary enters sump & allows release to be detected	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
9. Pipe Sump monitored monthly and recorded	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
10. Pipe Sump inspected and tested within the last two years and passes	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
11. Last 12 months of records available	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
12. No evidence of leak in the last 12 months	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
13. Pipe Sump Monitoring passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Tank Top (STP)/Piping sumps (Required for all Systems with Sump Containment)	Tank#1	Tank #2	Tank #3	Tank #4
1. Tank Top/Piping containment present	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Tank Top containment is liquid tight and intact (no cracks, bulges or perforations)	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
3. Tank Top containment is free of debris	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
4. Tank Top containment is free of water	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA

Tank Top (STP)/Piping sumps (Required for all Systems with Sump Containment)	Tank#1	Tank #2	Tank #3	Tank #4
5. Tank Top containment is free of product	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
6. Penetrations into the Tank Top/Piping containment appear in good condition	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
7. No leak evident in sump	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
8. Flex connector or other metal fittings are present	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
9. Flex connector is not in contact with backfill/water	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
10. Submersible pump is isolated from backfill	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
11. Other metal not in contact with backfill/water	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
12. Flex connectors, STP, or other metal fittings are cathodically protected	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
13. Flex connectors, STP, or other metal fittings are in good condition	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
14. Sump inspected & tested within last two years	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
15. Sump passed inspection and test	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
16. Date of inspection and test				
17. Tank Top/Piping Sumps pass inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Leak Detection Piping

Select type of equipment present, then answer Yes or No for each question.	Pipe #1	Pipe #2	Pipe #3	Pipe #4
Is **Pressurized Piping** applicable to this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Type of Automatic Line Leak Detector (ALLD) (Electronic, Mechanical, None)				
2. Name/Model of ALLD				
3. ALLD has positive shutdown/auto shutoff, restrictor, or audible or Visible alarm				
4. ALLD is third-party certified and operating within its evaluated performance	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. ALLD is operational at 3.0 gph @10 psi	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. ALLD can detect 0.2 gph leak rate on a monthly test	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
7. ALLD can detect 0.1 gph leak rate at 1.5 times the operating pressure	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. The entire piping is monitored by the ALLD	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Date of most recent ALLD function test				
10. ALLD function test result (pass or fail)				
11. ALLD tested within 1 year of last test	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
12. Next ALLD test due by:				
13. ALLD has operated without evidence of a release	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
14. Date of most recent line tightness test (LTT)				
15. LTT test result (pass or fail)				

Select type of equipment present, then answer Yes or No for each question.	Pipe #1	Pipe #2	Pipe #3	Pipe #4
16. LTT third-party certified to detect 0.1 gph	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
17. Next LTT due by				
18. Last 12 months of records available	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
19. Pressurized Piping passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Select type of equipment present, then answer Yes or No for each question.	Pipe #1	Pipe #2	Pipe #3	Pipe #4
Is **American Suction Piping** applicable to this pipe?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Check valve present at tank	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Line tightness test(0.1gph) conducted within the last three years	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Line tightness test passes	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. American Suction System has operated without evidence of a release	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. American Suction System passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Select type of equipment present, then answer Yes or No for each question.	Pipe #1	Pipe #2	Pipe #3	Pipe #4
Is **European Safer Suction Piping** applicable to this pipe?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Slope of piping allows product to drain back into tank when suction is released	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Operates at atmospheric pressure or less	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. The only check valve is directly under the dispensing pump	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Above information is verifiable	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. No evidence of a leak in the past 12 months	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. European Suction System passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Spill Protection

Answer for each tank	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable for this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Spill device required (Tank that receives less than 25 gallons of petroleum per delivery is not required to have a spill device)	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Size of spill bucket (estimate if not available)				
3. Bucket clean and dry	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Bucket appears liquid tight with no cracks or holes	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Bucket is functional, intact with no deformation or separation from the fill pipe	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
6. Spill Device passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

NOTE: If the answer to questions 1-3 is No, please explain below. List any problems noted during inspection, regardless of if they were corrected the day of the inspection

Overfill Prevention Device

Answer for each tank.	Tank #1	Tank #2	Tank #3	Tank #4
1. Overfill device required (*Overfill device not required for tanks that received transfers less than 25 gallons per delivery)	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
2. Overfill device present and functional	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
3a. Overfill device (Auto Shut-off, Flow Restrictor, High Level Alarm)				
3b. Second overfill device (if present)				
3c. Third overfill device (if present)				
4. If alarm is present, alarm is tested annually (or in accordance with the manufacturer's recommendation) and functioning properly at 90% and is audible or visible to the driver	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. If float-vent valve present, it is installed in an extractable fitting and inspected	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
6. If float-vent valve present, it is suitable for this storage system. **See PEI RP100 or later for warnings on the installation of float vent on storage systems**	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
7. Visual observation indicated no obstruction in the drop tube that would render the shut-off device ineffective	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
8. Overfill Device passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

NOTE: If the answer to question is No, please explain below. List any problems noted during inspection, regardless of if they were corrected the day of the inspection

Corrosion Protection Tanks & Piping

Impressed Current and Galvanic CP Systems	Tank #1	Tank #2	Tank #3	Tank #4
Is this method applicable for this tank?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Corrosion protection system for tank (impressed current, galvanic)				
2. Corrosion protection system for piping (impressed current, galvanic)				
3. CP system appears to be operating properly	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. CP test conducted within the last 3 years	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
5. Date of most recent CP test				
6. Date of next CP test				
7. CP test results passing	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. The last two CP test results available	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. The last three 60-day inspection records for the impressed current system are available	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
10. Rectifier settings (if applicable)				
11. Rectifier amps				
12. Rectifier volts				
13. Rectifier hours displayed				
14. CP passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Internally Lined (Tanks Only with no CP)	Tank #1	Tank #2	Tank #3	Tank #4
1. Date tank was initially installed				
2. Internal inspection conducted in accordance with API 1630 or NLPA 631	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
3. Tank was upgraded with a field installed corrosion protection system within one year of lining	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
4. Inspection conducted every 5 years	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. Date of internal inspection				
6. Next internal inspection due date				
7. Type of inspection (Video, Manned Entry)				
8. Results of internal inspection were passing	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
9. Internal lining passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

NOTE: If the answer to any question is No, please explain below. List any problems noted during inspection, regardless of if they were corrected the day of the inspection

Vapor Emissions Control (Gasoline Only)

1. Gasoline Dispensing Facility (GDF) size	
2. NESHAP vapor management notification complete	☐ Y ☐ N ☐ NA
3. Tank top access tight (vapor tight caps/seals)	☐ Y ☐ N ☐ NA
4. Drop tube installed for submerged fill	☐ Y ☐ N ☐ NA
5. Stage 1 vapor recovery system (VRS) installed and operational	☐ Y ☐ N ☐ NA
6. Vapor Recovery System (VRS) installed	☐ Y ☐ N ☐ NA
7. Vapor Recovery System type	
8. Poppet valve (dry break) on dual point vapor recovery port	☐ Y ☐ N ☐ NA
9. Poppet valve on coaxial system fill port	☐ Y ☐ N ☐ NA
10. Pressure/vacuum vent valve installed and tested every three years	☐ Y ☐ N ☐ NA
11. VRS and pressure/vacuum vent valve properly tested (required within 6 months of installation and every three years thereafter)	☐ Y ☐ N ☐ NA
12. Date of last VRS test	
13. Date of next VRS test (within 3 years of last test)	
14. Is the next VRS date within the 3-year Limit	☐ Y ☐ N
15. Vapor Emissions Control passes inspection	☐ Y ☐ N

Notes:

Dispensers and UDC

Dispenser Area	Dispenser	Dispenser	Dispenser	Dispenser
1. Dispenser cover opened. Dispenser and Sump observed to be free of leaks and drips	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA

Dispenser Area	Dispenser	Dispenser	Dispenser	Dispenser
2. Dispenser connections and fittings dry	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
3. Shear valve is operational, properly secured, and anchored. Installed at the correct level	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
4. Hanging Hardware appears dry and in good condition	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. Dispensers have current calibration sticker	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
6. Flex connector and/or other metal fittings appear in good condition	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
7. Flex connector is isolated from backfill or cathodically protected	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
8. Other metal fittings are isolated from the backfill or cathodically protected	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
9. Dispensers pass inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

Under Dispenser Containment (UDC)				
1. UDCs present	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. UDCs liquid tight and intact (free of cracks, bulges, perforations)	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
3. UDCs free of debris	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
4. UDCs free of water	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. UDCs free of product	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
6. Penetrations into the UDCs appear in good condition	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
7. UDC inspected and tested within last two years	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
8. UDC passes inspection and test	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
9. Date of last test				
10. Dispensers pass inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

NOTE: If the answer to any question is No, please explain below. List any problems noted during inspection, regardless of if they were corrected the day of the inspection

Temporary Closure

Fill out this section **only** if a tank is temporarily closed or taken out of service. If database indicates tanks are temporarily closed, it means owner/operator sent in necessary paperwork.

	Tank #1	Tank #2	Tank #3	Tank #4
Is this Tank temporarily closed?	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
1. Tank Contains less than 1" of product	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
2. Tank vented and fill pipe locked or secured	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
3. Dispensers locked or secured	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
4. Cathodic Protection maintained (if applicable)	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA	☐ Y ☐ N ☐ NA
5. Financial responsibility maintained	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N

	Tank #1	Tank #2	Tank #3	Tank #4
6. Date temp closed or taken out of service				
7. Temp closed no longer than 12 months (or extension granted)	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N
8. Temp closure passes inspection	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N