



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**
1035 Stevenson Drive
Springfield, IL 62703
217/785-1020
www.sfm.illinois.gov
SFM.DPCS@illinois.gov
Amended

| FOR OFFICE USE ONLY | |
|---------------------|---------------|
| Facility #: | 2047843 |
| Permit #: | 01571-2024INS |
| Request Rec'd: | 12/04/2024 |
| Approval Date: | 12/05/2024 DS |
| Amended Date: | 05/19/2025 DS |
| Permit Expires: | 06/05/2025 |

Permit for INSTALLATION of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances

Permission to install underground storage tank(s) or piping is hereby granted. Such installation must be in complete accordance with acceptable materials as specified in the Federal Register, Part II Environmental Protection Agency, 40 CFR Parts 280 and 281, and also with all sections of 41 Illinois Administrative Code, Parts 174, 175 and 176. The contractor the permit was issued to shall establish a date and time certain to perform the UST activity by scheduling the permitted activity through their UST contractor portal account. All testing forms must be submitted prior to the final being conducted. The tank owner must submit a Notification for Underground Storage Tanks form prior to the scheduling of the final schedule at: <https://webapps.sfm.illinois.gov/USTPortal/NotificationForm>.


THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.

| | |
|---|---|
| OWNER OF TANKS - Corporation, partnership, or other business entity: City of Aurora 44 E. Downer Place P.O. Box 2067 Aurora, IL 60507 Kane County Contact: Ian Wade 630/256-3650 | FACILITY - name and address where tanks are located: City of Aurora Public Works 2100 East New York St Aurora, IL 605072067 Kane County Contact: Ian Wade 630/256-3200 |
|---|---|


Tanks on the Permit

| Tank # | Product | Capacity | Tank Status | Regulated Status |
|--------|--------------------|----------|----------------------|------------------|
| 1 | Gasoline - Regular | 20,000 | Installed/Not in Use | Federal |
| 2 | Gasoline - Regular | 20,000 | Installed/Not in Use | Federal |
| 3 | Diesel Fuel | 20,000 | Installed/Not in Use | Federal |
| 4 | Diesel Fuel | 20,000 | Installed/Not in Use | Federal |


Tank 1 Equipment

| Equipment Type | Permit Equipment | Action |
|---|--|--------|
| Corrosion Protection - Piping | Flexible Non-Corrosive | New |
| Corrosion Protection - Tank | Fiberglass Non-Corrosive | New |
| Leak Detection - Piping | Electronic Pressurized Line Leak Detection | New |
| Leak Detection - Tank | Automatic Tank Gauging Veeder Root TLS 450 Plus | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Alarm | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Ball Valves | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flex Connector Steel | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Piping | Other Submersible Pump | New |
| Piping | Shear Valves | New |
| Piping | Single Wall STP/Tanktop Sump | New |
|  Leak Detection - Piping | Sump Sensor with positive shutdown | New |
| Spill Containment Device | Double Wall Spill Bucket | New |
| Tank | Fiberglass Double Wall XERXES | New |


Tank 2 Equipment

| Equipment Type | Permit Equipment | Action |
|---|--|--------|
| Corrosion Protection - Piping | Flexible Non-Corrosive | New |
| Corrosion Protection - Tank | Fiberglass Non-Corrosive | New |
| Leak Detection - Piping | Electronic Pressurized Line Leak Detection | New |
| Leak Detection - Tank | Automatic Tank Gauging Veeder Root TLS 450 Plus | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Alarm | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Ball Valves | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flex Connector Steel | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Piping | Other Submersible Pump | New |
| Piping | Shear Valves | New |
| Piping | Single Wall STP/Tanktop Sump | New |
|  Leak Detection - Piping | Sump Sensor with positive shutdown | New |
| Spill Containment Device | Double Wall Spill Bucket | New |
| Tank | Fiberglass Double Wall XERXES | New |

Tank 3 Equipment

| Equipment Type | Permit Equipment | Action |
|---|--|--------|
| Corrosion Protection - Piping | Flexible Non-Corrosive | New |
| Corrosion Protection - Tank | Fiberglass Non-Corrosive | New |
| Leak Detection - Piping | Electronic Pressurized Line Leak Detection | New |
| Leak Detection - Tank | Automatic Tank Gauging Veeder Root TLS 450 Plus | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Alarm | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Ball Valves | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flex Connector Steel | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Piping | Other Submersible Pump | New |
| Piping | Shear Valves | New |
| Piping | Single Wall STP/Tanktop Sump | New |
|  Leak Detection - Piping | Sump Sensor with positive shutdown | New |
| Spill Containment Device | Double Wall Spill Bucket | New |
| Tank | Fiberglass Double Wall XERXES | New |

Tank 4 Equipment

| Equipment Type | Permit Equipment | Action |
|---|--|--------|
| Corrosion Protection - Piping | Flexible Non-Corrosive | New |
| Corrosion Protection - Tank | Fiberglass Non-Corrosive | New |
| Leak Detection - Piping | Electronic Pressurized Line Leak Detection | New |
| Leak Detection - Tank | Automatic Tank Gauging Veeder Root TLS 450 Plus | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Alarm | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Ball Valves | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flex Connector Steel | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Piping | Other Submersible Pump | New |
| Piping | Shear Valves | New |
| Piping | Single Wall STP/Tanktop Sump | New |
|  Leak Detection - Piping | Sump Sensor with positive shutdown | New |
| Spill Containment Device | Double Wall Spill Bucket | New |
| Tank | Fiberglass Double Wall XERXES | New |

Dispensers on the Permit

| Dispenser | Action |
|-----------|--------|
| 1/2 | New |
| 3/4 | New |
| 5/6 | New |
| 7/8 | New |

Dispenser 1/2 Equipment

| Equipment Type | Permit Equipment | Action |
|---------------------------|------------------------------------|--------|
| Dispenser | Single Wall UDC Sump | New |
| 🔧 Leak Detection - Piping | Sump Sensor with positive shutdown | New |

Dispenser 3/4 Equipment

| Equipment Type | Permit Equipment | Action |
|---------------------------|------------------------------------|--------|
| Dispenser | Single Wall UDC Sump | New |
| 🔧 Leak Detection - Piping | Sump Sensor with positive shutdown | New |

Dispenser 5/6 Equipment

| Equipment Type | Permit Equipment | Action |
|---------------------------|------------------------------------|--------|
| Dispenser | Single Wall UDC Sump | New |
| 🔧 Leak Detection - Piping | Sump Sensor with positive shutdown | New |

Dispenser 7/8 Equipment

| Equipment Type | Permit Equipment | Action |
|---------------------------|------------------------------------|--------|
| Dispenser | Single Wall UDC Sump | New |
| 🔧 Leak Detection - Piping | Sump Sensor with positive shutdown | New |

General Requirements

USTs shall be installed to safeguard against movement by anchoring in accordance with manufacturer's instructions. There shall be a minimum of two manufactured slotted or perforated observation wells of at least 4 inches in diameter, installed in each new tank field of tanks larger than 1000 gallons and one well for tanks less than 1000 gallons. A water tight containment shall be installed under all dispensers and at submersible pumps. A hydrostatic test must be performed on all containments. All steel piping for vents, risers, and fills in contact with the ground, backfill, or water shall be dielectrically wrapped or coated. A positive shut off valve shall be installed on pressurized product lines, at the submersibles, or installed at the tank for all suction piping systems. Vent piping is required to be tested from tank to grade level. All steel flex connectors in contact with ground, backfill or water shall have corrosion protection.

Summary of Work

TANKS:

(2) 20,000 gallon 10' dia. double wall fiberglass tanks.
Concrete dead men hold downs, straps & turnbuckles.
Install (2) Monitoring wells in tank excavation.

OVERSPILL/OVERFILL PREVENTION:

(4) 5 gallon, below-grade level overspill containment manholes.
(4) OPW Overfill Valves.

SUMPS:

(4) 42" fiberglass water-tight piping sumps at tank tops.
(4) Under dispenser sumps at islands

PIPING:

2" Double wall UPP approved pipe system.
Ameron 2" single wall fiberglass vent piping system.

SUBMERSIBLE PUMPS:

(4) FE Petro submersible pumps with Electronic Line Leak Detector.

LEAK DETECTION:

(1) Veeder-Root TLS-450 monitor console.
(4) 10' Tank level probes.
(4) Tank interstitial sensors.
(4) Dispenser sump sensors.
(4) Tank sump sensors.
(4) Digital Pressurized line leak detectors.
(1) Overfill alarm with acknowledgement switch.

MANHOLES:

(4) 12" Observation well manhole.
(4) 42" Composite manholes.
(4) 18" Tank sensor manholes.
(4) 12" Manhole.

ISLAND EQUIPMENT:

(2) Fire extinguishers.
Self-Serve signage at islands.

DISPENSERS:

(4) Bennett brand dual product dispensers.

CANOPY:

(1) Canopy

Special Contingencies


NOTES: Vents must meet section 175.440 of our rules. Dispensers must be a full 10' to all buildings and property lines.

Amendment Reason:

Changing Fuel Pipe Layout

| PERSON, FIRM OR COMPANY PERFORMING WORK: | |
|--|--|
| Crowne Industries, Ltd. 651 S. Sutton Road #214 Streamwood, IL 60107 | Contact Person: Robert Sumoski Phone: 630/201-4967 Email: bob@crownetank.com Contractor License # IL002345 Exp. 5/16/2026 |

Sincerely,



Daniel Starks