



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**

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Springfield, IL 62703
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SFM.DPCS@illinois.gov

| FOR OFFICE USE ONLY | |
|---------------------|---------------|
| Facility #: | 2047981 |
| Permit #: | 00213-2026INS |
| Request Rec'd: | 02/16/2026 |
| Approval Date: | 02/23/2026 DS |
| Permit Expires: | 08/25/2026 |

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 | FACILITY |
|--|---|
| - Corporation, partnership, or other business entity: The City Of Aurora 44 E Downers St Aurora, IL 60507 Kane County Contact: Kunkel Martin 630/844-4726 | - name and address where tanks are located: City of Aurora Fire Department Headquarters 1250 east Indian Trail Road Aurora, IL 60505 Kane County Contact: Derrick Winston 630/774-0715 |

Tanks on the Permit

| Tank # | Product | Capacity | Tank Status | Regulated Status |
|--------|--------------------|----------|--------------------|------------------|
| 1 | Diesel Fuel | 10,000 | Tank Not Installed | Federal |
| 2 | Gasoline - Regular | 10,000 | Tank Not Installed | Federal |

Tank 1 Equipment

| Equipment Type | Permit Equipment | Action |
|-------------------------------|---|--------|
| Corrosion Protection - Piping | Fiberglass Non-Corrosive | New |
| 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 With Monitor | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Ball Valves | New |
| Piping | Fiberglass Double Wall | New |
| Piping | Fiberglass Single Wall Piping Vent | New |
| Piping | Flex Connector Steel | New |
| Piping | Flexible Double Wall A.P.T. Poly Tech | New |
| Piping | Shear Valves | New |
| Piping | Single Wall STP/Tanktop Sump | New |
| ↳ Leak Detection - Piping | Sump Sensor with positive shutdown | New |
| Piping | Single Wall Transition 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 | Fiberglass Non-Corrosive | New |
| 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 With Monitor | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Ball Valves | New |
| Piping | Fiberglass Double Wall | New |
| Piping | Fiberglass Single Wall Piping Vent | New |
| Piping | Flex Connector Steel | New |
| Piping | Flexible Double Wall A.P.T. Poly Tech | 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 Diesel | New |
| 2/3 Gasoline | New |

Dispenser 1 Diesel Equipment

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

Dispenser 2/3 Gasoline 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

Project consists of installation of new exterior fleet fueling systems at the Police Department and Fire Department facilities. Work includes excavation and installation of underground double-wall fiberglass storage tanks with 12" bedding, submersible turbine pumps (STPs), and double-wall product piping.

Install reinforced concrete fuel islands, double-wall dispenser sumps, and fuel dispensers. Provide and install tank top sumps, spill containment, overfill prevention (OPW automatic shutoff drop tubes), and electronic high-level alarm systems. Integrate all tanks, piping, and sump sensors with a Veeder-Root TLS-450 Plus automatic tank gauge system including electronic line leak detection and interstitial monitoring.

Provide emergency stop controls, positive shutdown relays, and required electrical connections from existing panels. Install fuel management systems (FuelMaster units) for controlled municipal fleet fueling. Police location includes canopy lighting; Fire location does not include a canopy.

Special Contingencies

NOTES: Dispensers must be a full 10' from all buildings and property lines. Vents must meet section 175.440 of our rules. Along with dispensing for fleet fuel vehicles, the diesel tank will have supply and return lines for an emergency generator, and the sensor in the transition must only alarm when it detects a leak.

| PERSON, FIRM OR COMPANY PERFORMING WORK: | |
|--|---|
| Stenstrom Petroleum Services Group 2422 Center Street Rockford, IL 61108 | Contact Person: Robert Stenstrom Phone: 630/379-6288 Email: Johnst@rstenstrom.com Contractor License # IL1890 Exp. 4/12/2026 |

Sincerely,



Daniel Starks