



City of Chicago
Department of Public Health
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FOR OFFICE USE ONLY
Facility #: 2012046
Permit #: 00286-2024INS
Request Rec'd: 03/13/2024
Approval Date: 03/13/2024
Permit Expires: 09/13/2024

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: Illinois Department of Transportation 2300 S. Dirksen Parkway Springfield, IL 62764 Sangamon County Contact: Kyle Armstrong 217/557-2070	FACILITY - name and address where tanks are located: IDOT D1 Emergency Traffic Patrol 3501 S. Normal Ave. Chicago, IL 60609 Cook County Contact: Dan Geraty 773/624-0470
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
5	Diesel Fuel	14,000	Tank Not Installed	Federal
6	Gasoline - Regular	6,000	Tank Not Installed	Federal

Tank 5 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Leak Detection - Piping	Mechanical Pressurized Line Leak Detection	New
Spill Containment Device	Double Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Piping	Other Submersible Pump	New
Piping	Shear Valves	New
Piping	Ball Valves	New
Piping	Flex Connector Steel	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New

Tank 6 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall XERXES	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Flex Connector Steel	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Mechanical Pressurized Line Leak Detection	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Dispensers on the Permit

Dispenser	Action
1/2	Sump / Sensors Changing
3/4	Sump / Sensors Changing

Dispenser 1/2 Equipment

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

Dispenser 3/4 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	Replacing - Dispenser - Single Wall UDC Sump
↳ 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

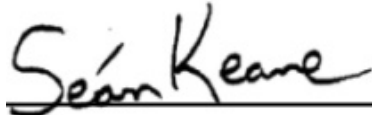
- Install slide rail shoring system for installation of new underground storage tank
- Supply and install hold down deadmen for new tank
- Supply and set new split compartment 20,000 gallon double wall fiberglass tank with compartments of 14,000 gallons and 6,000 gallons
- Supply and install two single wall fiberglass tank top piping sumps
- Supply and install two single wall fiberglass under dispenser sumps
- Supply and install double wall fiberglass piping from tank top piping sumps to associated under dispenser sump
- Supply and install single wall fiberglass piping for vent with galvanized steel pipe above ground terminating above the canopy

- Supply and install 1.5 HP submersible pump for each product
- Supply and install all necessary risers for fill, probe and interstice sensors on tanks
- Supply and install double walled below grade spill buckets for each tank
- Supply and install overfill drop tubes for each tank
- Supply and install new island form
- Supply and install crash protection bollards at each end of the fueling island to protect equipment from damage
- Supply and install new tank gauge including
- Veeder Root TLS 450 console with printer
- In tank probe for level monitoring
- (4) sump sensors – One for each of two tank top sumps and two under dispenser sumps
- one interstice sensor for tank leak detection (Only one is needed due to the tank being a split compartment tank
- Re-install existing dispensers including re-use of hanging hardware and hose retractors
- Re-install FuelMaster fuel management system
- Once owner has supplied fuel, start up new system, purge product through lines and dispensers and make sure all equipment is operating properly.
- Area to be broom clean upon completion

Special Contingencies

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Stenstrom Petroleum Services Group 2422 Center Street Rockford, IL 61108	Contact Person: Robert Stenstrom Phone: 630/878-6354 Email: jasonre@rstenstrom.com Contractor License # IL1890 Exp. 3/7/2026

Sincerely,



Sean Keane

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Dispenser 1/2 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Piping Sump Sensors Not Regulated Not Installed	Review

Dispenser 3/4 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Piping Sump Sensors Not Regulated Not Installed	Review