



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**
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FOR OFFICE USE ONLY
Facility #: 2037419
Permit #: 00240-2024INS
Request Rec'd: 02/27/2024
Approval Date: 03/04/2024 DS
Permit Expires: 09/04/2024

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: City Of Elmhurst 985 Riverside Drive Elmhurst, IL 60126 Du Page County Contact: Butch Wander 630/530-3020	FACILITY - name and address where tanks are located: New Public Works Facility 985 Riverside Drive Elmhurst, IL 60126 Du Page County Contact: Butch Wanderer 630/530-3020
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
3	Diesel Fuel	10,000	Tank Not Installed	Federal
4	Gasoline - Regular	15,000	Tank Not Installed	Federal

Tank 3 Equipment

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

Tank 4 Equipment

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

Dispensers on the Permit

Dispenser	Action
1	Sump / Sensors Changing
2	Sump / Sensors Changing
Diesel 3	New

Dispenser 1 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	Replacing - Leak Detect - Piping - Sump Sensor with positive shutdown

Dispenser 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	Replacing - Leak Detect - Piping - Sump Sensor with positive shutdown

Dispenser Diesel 3 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: Installing (1) 10,000 gallon double wall fiberglass tank for Diesel and (1) 15,000 gallon double wall fiberglass tank for gasoline.

ISLANDS/DISPENSERS Installing (1) island measuring 4' x 36' with crash protection for fuel dispensing. There will be dispenser pans installed beneath dispensers at islands and each will have liquid sump sensor with positive shutdown.

OVERSPILL MANHOLE & OVERFILL VALVE Installing (2) 5 gallon below grade overspill manholes. Installing (2) OPW 71SO overfill prevention valves.

PIPING: Product Lines: UPP double wall piping to all islands. Vent lines: UPP single wall fiberglass and will run to riser area north of tanks.

SUBMERSIBLE PUMPS: Installing FE Petro brand 2 horsepower submersible pumps for gasoline & 2 horsepower submersible pump for diesel with electronic line leak detectors by Veeder Root.

LEAK DETECTION: Veeder Root TLS 450 Plus will be reused with liquid sensors as follows: (1) brine sensor within the tank interstice of each tank with positive shut down. (1) Liquid sensor within each piping sump at tank top – Total of (2) with positive shut down. (1) Liquid sensor under each dispenser within dispenser pans at ALL islands – Total of (3) for leak detection with positive shut down. (2) In-Tank Level only probes monitoring levels.

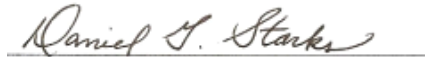
Concrete & Canopy: Concrete pads will cover tanks and surround island.

Special Contingencies

NOTE: Dispensers are more than 50' from buildings and property lines, per contractor

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. 5/16/2024

Sincerely,



Daniel Starks