



**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

FOR OFFICE USE ONLY	
Facility #:	5020251
Permit #:	00994-2024INS
Request Rec'd:	08/15/2024
Approval Date:	08/15/2024 DS
Permit Expires:	02/18/2025

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: Thorntons, LLC 2600 James Thornton Way Louisville, KY 40245 Contact: Maggie Seagh 502/572-1259	FACILITY - name and address where tanks are located: Thorntons #370 2208 Peoria Road Springfield, IL 62707 Sangamon County Contact: Mark Gray 217/306-4316
---	---

Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
8	Gasoline - Regular	20,000	Tank Not Installed	Federal
9	Gasoline - Premium	6,000	Tank Not Installed	Federal
10	Diesel Fuel	10,000	Tank Not Installed	Federal
11	E85	6,000	Tank Not Installed	Federal

Tank 8 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors	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	Fiberglass Non-Corrosive	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Fiberglass Single Wall Piping A.O. Smith	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Other Fiberglass Riser	New
Piping	Other Steel Riser	New
Piping	Other Submersible Pump	New
Piping	Ball Valves	New
Piping	Shear Valves	New
Piping	Flex Connector Steel	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown	New

Tank 9 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Piping	Other Fiberglass Riser	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Fiberglass Single Wall Piping A.O. Smith	New
Piping	Flex Connector Steel	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors	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

Tank 10 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Piping	Other Fiberglass Riser	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
🔧 Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Fiberglass Single Wall Piping A.O. Smith	New
Piping	Flex Connector Steel	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors	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

Tank 11 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Piping	Other Fiberglass Riser	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
🔧 Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Fiberglass Single Wall Piping A.O. Smith	New
Piping	Flex Connector Steel	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors	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
1/2	Replacing - 1/2
3/4	Replacing - 3/4
5/6	Replacing - 5/6
7/8	Replacing - 7/8
9/10	Removing

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

Dispenser 9/10 Equipment

Equipment Type	Permit Equipment	Action
----------------	------------------	--------

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

Installing (1) Xerxes DW brine filled 20K tank and (1) Xerxes DW brine filled 6K/10K/6K compartmental tank. Running new fiberglass 3" over 2" product lines and single wall fiberglass vent lines. New FE Petro submersibles with Fiberglass single wall STP and UDC sumps TLS 450 plus tank monitor with positive shut off sump sensors and electronic line leak detectors. Steel tank risers except for the probe. It will be fiberglass. DW spill buckets with OPW overfill droptube valves and a overfill alarm. Double poppet shear valves connected to stainless steel flex connectors.

Special Contingencies

NOTE: Vents must meet section 175.440 of our rules

PERSON, FIRM OR COMPANY PERFORMING WORK:

Seneca Companies, Inc.
4140 East 14th Street PO Box 3360
Des Moines, IA 50313

Contact Person: Glen Davis
Phone: 515/601-6635
Email: jfranklin@senecaco.com
Contractor License # IL598 Exp. 2/23/2026

Sincerely,



Daniel Starks