



**Office of the Illinois State Fire Marshal  
Division of Petroleum and Chemical Safety**  
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**FOR OFFICE USE ONLY**

Facility #: 1015662  
Permit #: 00783-2023INS  
Request Rec'd: 07/14/2023  
Approval Date: 07/17/2023 DS  
Permit Expires: 01/17/2024

**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.**

<b>OWNER OF TANKS</b> - Corporation, partnership, or other business entity: Arthur J. Johnson Family Limited Partnership 1305 12th Avenue Rock Falls, IL 61071 (None) County Contact: Kathy Peugh 815/625-6380	<b>FACILITY</b> - name and address where tanks are located: Express Lane Shell 1801 Locust Street Sterling, IL 61081 Whiteside County Contact: Simon Olalde 815/625-6380
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**Tanks on the Permit**

Tank #	Product	Capacity	Tank Status	Regulated Status
7	Gasoline - Regular	12,000	Tank Not Installed	Federal

**Tank 7 Equipment**

Equipment Type	Permit Equipment	Action
Spill Containment Device	Double Wall Spill Bucket	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	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 Fluid Containment Brine Filled	New
Piping	Flexible Double Wall OPW Flexworks	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New
Piping	Other Submersible Pump	New
Piping	Flex Connector Steel	New
Piping	Ball Valves	New
Piping	Other Steel Riser	New
Piping	Shear Valves	New
Piping	Polyethylene Chase	New

## Dispensers on the Permit

Dispenser	Action
1/2	Sump / Sensors Changing
3/4	Sump / Sensors Changing
5/6	Sump / Sensors Changing
7/8	Sump / Sensors Changing

### Dispenser 1/2 Equipment

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

### Dispenser 3/4 Equipment

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

### Dispenser 5/6 Equipment

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

### Dispenser 7/8 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating 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

Installing (1) new 12K containment solutions DW brine filled tank. Removing all four existing islands and piping. Abandoning in place T4 regular and T6 premium. Excavating to the tank top on T5 premium and installing all new risers, STP and STP sump. All new OPW Loop System flexible piping and single wall FRP dispenser sumps. Existing TLS450plus to remain. Upgrading from mechanical leak detectors to electric line LD.

## Special Contingencies

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Stenstrom Petroleum Services Group 2422 Center Street Rockford, IL 61108	Contact Person: Robert Stenstrom Phone: 815/398-6250 Email: johnbu@rstenstrom.com Contractor License # IL1890 Exp. 4/12/2024

Sincerely,

*Daniel G. Starks*

Daniel Starks

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**Dispenser 1/2 Equipment**

<b>Equipment Type</b>	<b>Permit Equipment</b>	<b>Action</b>
Dispenser	Not Installed UDC Sump	Removing

**Dispenser 3/4 Equipment**

<b>Equipment Type</b>	<b>Permit Equipment</b>	<b>Action</b>
Dispenser	Not Installed UDC Sump	Removing

**Dispenser 5/6 Equipment**

<b>Equipment Type</b>	<b>Permit Equipment</b>	<b>Action</b>
Dispenser	Not Installed UDC Sump	Removing

**Dispenser 7/8 Equipment**

<b>Equipment Type</b>	<b>Permit Equipment</b>	<b>Action</b>
Dispenser	Not Installed UDC Sump	Removing