



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
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Springfield, IL 62703
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FOR OFFICE USE ONLY
Facility #: 1047921
Permit #: 01016-2025INS
Request Rec'd: 07/22/2025
Approval Date: 08/05/2025 DS
Permit Expires: 02/05/2026

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 - Corporation, partnership, or other business entity: Walmart Stores Inc. 2101 SE Simple Savings Drive Bentonville, AR 727160745 Contact: David Romero 479/640-6308	FACILITY - name and address where tanks are located: Walmart Distribution Center 1508 Crosslink Parkway Belvidere, IL 61008 Boone County Contact: David Romero 479/640-6308
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Diesel Fuel	20,000	Tank Not Installed	Federal
2	Diesel Fuel	20,000	Tank Not Installed	Federal
3	New Oil	6,000	Tank Not Installed	Federal
4	Used Oil	4,000	Tank Not Installed	Federal

Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Piping	Polyethylene Chase	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 Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Single Wall Piping Ameron	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall OPW Flexworks	New
Piping	Other Steel Riser	New
Piping	Other Submersible Pump	New
Piping	Polyethylene Chase	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

Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Piping	Polyethylene Chase	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 Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Single Wall Piping Ameron	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall OPW Flexworks	New
Piping	Other Steel Riser	New
Piping	Other Submersible Pump	New
Piping	Polyethylene Chase	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

Tank 3 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Piping	Polyethylene Chase	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	European with No Test Req Suction	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 Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Single Wall Piping Ameron	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall OPW Flexworks	New
Piping	Other Steel Riser	New
Piping	Polyethylene Chase	New
Piping	Single Wall STP/Tanktop Sump	New
Piping	Single Wall Transition Sump	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Tank 4 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Piping	Polyethylene Chase	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Gravity Feed	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 Alarm	New
Piping	Ball Valves	New
Piping	Fiberglass Single Wall Piping Ameron	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall OPW Flexworks	New
Piping	Other Steel Riser	New
Piping	Polyethylene Chase	New
Piping	Single Wall STP/Tanktop Sump	New
Piping	Single Wall Transition Sump	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Dispensers on the Permit

Dispenser	Action
1	New
2	New
3	New
4	New
5	New
6	New
7	New
8	New
9	New
10	New
11	New
12	New

Dispenser 1 Equipment

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

Dispenser 2 Equipment

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

Dispenser 3 Equipment

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

Dispenser 4 Equipment

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

Dispenser 5 Equipment

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

Dispenser 6 Equipment

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

Dispenser 7 Equipment

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

Dispenser 8 Equipment

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

Dispenser 9 Equipment

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

Dispenser 10 Equipment

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

Dispenser 11 Equipment

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

Dispenser 12 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

FUEL SYSTEM SCOPE OF WORK

- Supply and install monitoring wells in two corners of tank excavation
- Supply and install 12" stone bedding for new tanks
- Supply and install hold down deadmen supplied by tank manufacturer
- Supply and set the following double walled fiberglass tank from Xerxes Manufacturing
 - (2) 20,000 gallon tank for diesel
- Supply and install hold down straps provided by tank manufacturer
- Backfill excavation to tank top
- Provide ballast water for tanks to prevent possibility of floating during construction
- Supply and install OPW Fiberlite single wall fiberglass tank top submersible sumps for each tank
- Supply and install (16) single wall under dispenser sumps
- Supply and install OPW Flexworks double wall flexible product piping between tank sumps and dispenser sumps in a 4" duct
- Supply and install double wall equalization line between diesel tanks
- Supply and install submersible pumps for each tank
- Supply and install single wall vent transition sump from Bravo with vent rack
- Supply and install single wall fiberglass piping for vent piping with galvanized steel risers above grade
- Supply and install 20 gallon remote fill box for DEF with remote fill piping to tank
- Supply and install 4" steel risers for fills, probes and tank interstices
- Supply and install double walled OPW spill buckets on fill risers
- Supply and install overfill drop tubes in fill risers of diesel tanks
- Backfill tank excavation and piping trenches to sub grade
- Supply and install Veeder Root tank gauging system with the following equipment
 - TLS 450 console with printer
 - In tank probes for level monitoring
 - sump sensors for piping leak detection
 - Tank interstice sensor for tank leak detection
 - Overfill alarm with acknowledgement button
 - Pressurized line leak detection
- Supply and set all necessary 18" and 39" manholes
- Supply and set stainless steel island forms
- Supply and set Gasboy dispensers including the following
 - 4 Master dispensers for truck fueling
 - 4 satellite dispenser for truck fueling
 - 4 dispensers for refer fueling
- Dispensers to include all necessary hanging hardware and hose retractors
- Supply and install Gasboy fuel islander fuel management system
- After owner supplied fuel return and start up system and train owner on proper use

OIL TANKS SCOPE OF WORK?

- Supply and install monitoring wells in two corners of tank excavation
- Supply and install 12" stone bedding for new tanks
- Supply and install hold down deadmen supplied by tank manufacturer
- Supply and set split compartment Xerxes double wall tank (6,000 gallons for new oil – 4,000 gallons for used oil
- Supply and install hold down straps provided by tank manufacturer
- Backfill excavation to tank top
- Supply and install OPW Fiberlite fiberglass tank top submersible sumps for each tank
- Supply and install Bravo single wall transition sump at building
- Supply and install OPW Flexworks double wall flexible product piping between tank sumps and transition sump in a 4" duct
- Supply and install single wall fiberglass piping for vent piping with galvanized steel risers above grade
- Supply and install 4" steel risers for fills, probes and tank interstices
- Supply and install double walled OPW spill buckets on fill riser of new oil tank and single wall spill box inside for used oil gravity feed
- Supply and install overfill drop tube in new oil fill riser and straight drop tube in waste oil fill riser
- Backfill tank excavation and piping trenches to sub grade
- Come out of transition sump with new oil and waste oil piping and stub through building wall
- Supply and install Veeder Root tank gauging system with the following equipment
 - TLS 450 console with printer (Same one as being used for diesel fueling system)
 - In tank probes for level monitoring
 - sump sensors for piping leak detection
 - Tank interstice sensor for tank leak detection
 - Overfill alarm with acknowledgement button
- Supply and set all necessary 18" and 39" manholes
- After owner supplies oil, return, start up and train owner on new equipment

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. 4/12/2026

Sincerely,



Daniel Starks

For Office Use Only**Tank 3 Equipment**

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

Tank 4 Equipment

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

Dispenser 1 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 2 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 3 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 4 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 5 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 6 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 7 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 8 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 9 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 10 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 11 Equipment

Equipment Type	Permit Equipment	Action
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Dispenser 12 Equipment

Equipment Type	Permit Equipment	Action
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