



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**
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Springfield, IL 62703
217/785-1020
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SFM.DPCS@illinois.gov
Extended/Revised

FOR OFFICE USE ONLY

Facility #: 1047605
Permit #: 00677-2023INS
Request Rec'd: 06/19/2023
Approval Date: 06/21/2023 DS
Extension Date: 01/12/2024
Permit Expires: 06/21/2024

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: Kwik Trip, Inc. P.O. Box 2107 La Crosse, WI 54602 (None) County Contact: Troy Batzel 608/793-6283	FACILITY - name and address where tanks are located: Kwik Star 1276 16040 Oakfield Parkway South Beloit, IL 61080 Winnebago County Contact: Milissa Nelson 608/791-7498
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Gasoline - Regular	30,000	Installed/Not in Use	Federal
2	E15	20,000	Installed/Not in Use	Federal
3	Gasoline - Premium	12,000	Installed/Not in Use	Federal
4	Low Sulfur Diesel	12,000	Installed/Not in Use	Federal
5	Low Sulfur Diesel	30,000	Installed/Not in Use	Federal
6	Low Sulfur Diesel	30,000	Installed/Not in Use	Federal
7	Low Sulfur Diesel	30,000	Installed/Not in Use	Federal
8	Diesel Fuel	30,000	Installed/Not in Use	Federal

Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Spill Containment Device	Double Wall Spill Bucket	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New

Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 3 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 4 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 5 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New

Tank 6 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New

Tank 7 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New

Tank 8 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↪ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New

Dispensers on the Permit

Dispenser	Action
1/2	New
DSL 1	New
DSL 1 Sat	New
DSL 2	New
DSL2 Sat	New
3/4	New
DSL 3	New
DSL 3 Sat	New
DSL 4	New
DSL 4 Sat	New
5/6	New
DSL 5	New
DSL 5 Sat	New
DSL 6	New
DSL 6 Sat	New
7/8	New
DSL 7	New
DSL 7 Sat	New
DSL 8	New
DSL 8 Sat	New
9/10	New
DSL 9	New
DSL 9 Sat	New
DSL 10	New
DSL 10 Sat	New
11/12	New
13/14	New
15/16	New
17/18	New
19/20	New

Dispenser 1/2 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 1 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 1 Sat Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 2 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL2 Sat Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser 3/4 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 3 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 3 Sat Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 4 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser DSL 4 Sat 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 DSL 5 Equipment

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

Dispenser DSL 5 Sat Equipment

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

Dispenser DSL 6 Equipment

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

Dispenser DSL 6 Sat 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 DSL 7 Equipment

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

Dispenser DSL 7 Sat Equipment

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

Dispenser DSL 8 Equipment

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

Dispenser DSL 8 Sat 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
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New

Dispenser DSL 9 Equipment

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

Dispenser DSL 9 Sat Equipment

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

Dispenser DSL 10 Equipment

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

Dispenser DSL 10 Sat Equipment

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

Dispenser 11/12 Equipment

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

Dispenser 13/14 Equipment

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

Dispenser 15/16 Equipment

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

Dispenser 17/18 Equipment

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

Dispenser 19/20 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

This is a ground up new build. The last tank on the application marked as "unknown" is actually for DEF (I didnt see this as an option for products, but we would like the tank on the permit for future conversion to a regulated product). File size of the plan set was too large, so i will include dispenser details in the supplemental documents.

Special Contingencies

All dispensers must maintain a full 10' from buildings and property lines

Amendment Reason:

Adding overfill alarm to the permit that was left off the original permit by mistake but is installed at this facility.

Revision Reason:

Contractor forgot to show that an overfill alarm system was being installed for all these new tanks.

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Oil Equipment Company, Inc. 4701 Lien Road Madison, WI 53704	Contact Person: TJ Winkler Phone: 608/354-1992 Email: msobczak@oilequipment.com Contractor License # IL1318 Exp. 11/13/2024

Sincerely,



Daniel Starks