



**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  
**Revised**

<b>FOR OFFICE USE ONLY</b>	
Facility #:	2047510
Permit #:	00595-2023INS
Request Rec'd:	06/01/2023
Approval Date:	06/06/2023 DS
Extension Date:	06/13/2023
Permit Expires:	12/06/2023

**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.**

<p><b>OWNER OF TANKS</b> - Corporation, partnership, or other business entity: Casey's Retail Company 3305 SE Delaware Ave. P.O. Box 3004 Ankeny, IA 50021 Contact: Lee Lytle 515/446-6231</p>	<p><b>FACILITY</b> - name and address where tanks are located: Casey's General Stores #4013 16 N. Randall Road North Aurora, IL 60542 Kane County Contact: Lee Lytle 515/446-6231</p>
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**Tanks on the Permit**

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Gasoline - Regular	22,000	Installed/Not in Use	Federal
2	Diesel Fuel	14,000	Installed/Not in Use	Federal
3	Gasoline - Regular	8,000	Installed/Not in Use	Federal
4	Gasoline - Premium	8,000	Installed/Not in Use	Federal
5	E-85	8,000	Installed/Not in Use	Federal

## Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Spill Containment Device	Double Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Tank	Fiberglass Double Wall Containment Solutions	New
Piping	Flexible Double Wall	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	Replacing - Piping - Single Wall STP/Tanktop Sump
<i>Leak Detection - Piping</i>	Non-Discriminating Sump Sensor with positive shutdown	New

## Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	Replacing - Piping - Single Wall STP/Tanktop Sump
<i>Leak Detection - Piping</i>	Non-Discriminating Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Piping	Flexible Double Wall	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 - Piping	Electronic Pressurized Line Leak Detection	New
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	Replacing - Piping - Single Wall STP/Tanktop Sump
Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Piping	Flexible Double Wall	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 - Piping	Electronic Pressurized Line Leak Detection	New
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	Replacing - Piping - Single Wall STP/Tanktop Sump
Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Piping	Flexible Double Wall	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 - Piping	Electronic Pressurized Line Leak Detection	New
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	Replacing - Piping - Single Wall STP/Tanktop Sump
<i>Leak Detection - Piping</i>	Non-Discriminating Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Piping	Flexible Double Wall	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Spill Containment Device	Double Wall Spill Bucket	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
9/10	Sump / Sensors Changing
11/12	New

## Dispenser 1/2 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	Replacing - Dispenser - Single Wall UDC Sump
<i>Leak Detection - Piping</i>	Non-Discriminating Sump Sensor with positive shutdown	Reusing Existing

## Dispenser 3/4 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	Replacing - Dispenser - Single Wall UDC Sump
<i>Leak Detection - Piping</i>	Non-Discriminating Sump Sensor with positive shutdown	Reusing Existing

## Dispenser 5/6 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	Replacing - Dispenser - Single Wall UDC Sump
<i>Leak Detection - Piping</i>	Non-Discriminating Sump Sensor with positive shutdown	Reusing Existing

**Dispenser 7/8 Equipment**

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

**Dispenser 9/10 Equipment**

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

**Dispenser 11/12 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) 22,000 gallon (split 22/8) and (1) 22,000 gallon (split 14/8/8) Containment Solutions double wall fiberglass tanks. New tank sumps and dispenser sumps. APT double wall product piping to (10) fuel islands. 4 islands will have diesel fuel and 4 islands will have E85. Vent pipe to be single wall fiberglass. New Veeder Root TLS 450 Plus with mag plus probes, sump sensors, interstitial sensors, and plld's.

**Special Contingencies**


Installing (1) 22,000 gallon (split 22/8) and (1) 22,000 gallon (split 14/8/8) Containment Solutions double wall fiberglass tanks. New tank sumps and dispenser sumps. APT double wall product piping to (10) fuel islands. 4 islands will have diesel fuel and 4 islands will have E85. Vent pipe to be single wall fiberglass. New Veeder Root TLS 450 Plus with mag plus probes, sump sensors, interstitial sensors, and plld's.

**Revision Reason:**

Changed line leak detection

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Metro Environmental Contractors, Inc. dba Metro Tank & Pump Company 1111 West Dundee Road Wheeling, IL 600903936	Contact Person: Warren Cherner Phone: 847/361-0842 Email: warren@metrotank.com Contractor License # IL102 Exp. 2/7/2024

Sincerely,



Daniel Starks