



**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/Amended**

**FOR OFFICE USE ONLY**  
Facility #: 2030011  
Permit #: 00279-2025INS  
Request Rec'd: 03/05/2025  
Approval Date: 03/07/2025 DS  
Amended Date: 03/20/2025 DS  
Revision Date: 08/27/2025 DS  
Permit Expires: 09/09/2025

## **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.**

|                                                                                                                                                                                                       |                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OWNER OF TANKS</b><br>- Corporation, partnership, or other business entity:<br>US Petroleum, Inc.<br>335 Quinlan Avenue<br>De Kalb, IL 60115<br>(None) County<br>Contact: Mobin Ahmad 630/853-3093 | <b>FACILITY</b><br>- name and address where tanks are located:<br>BP Gas Station<br>21801 West Grant Highway (Route 20)<br>Marengo, IL 60152<br>McHenry County<br>Contact: Mobin Ahmad 630/853-3093 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **Tanks on the Permit**

| <b>Tank #</b> | <b>Product</b>     | <b>Capacity</b> | <b>Tank Status</b>   | <b>Regulated Status</b> |
|---------------|--------------------|-----------------|----------------------|-------------------------|
| 5             | Gasoline - Regular | 15,000          | Installed/Not in Use | Federal                 |
| 6             | Gasoline - Premium | 5,000           | Installed/Not in Use | Federal                 |
| 7             | Diesel Fuel        | 5,000           | Installed/Not in Use | Federal                 |
| 8             | E85                | 5,000           | Installed/Not in Use | Federal                 |

### **Tank 5 Equipment**

| <b>Equipment Type</b>         | <b>Permit Equipment</b>                                         | <b>Action</b> |
|-------------------------------|-----------------------------------------------------------------|---------------|
| Corrosion Protection - Piping | Flexible Non-Corrosive                                          | New           |
| Corrosion Protection - Tank   | Fiberglass Non-Corrosive                                        | New           |
| Leak Detection - Piping       | Electronic Pressurized Line Leak Detection                      | New           |
| Leak Detection - Tank         | Non-Discriminating Interstitial Monitoring Sensors With Monitor | New           |
| Overfill Prevention Device    | Overfill Drop Tube Valve                                        | New           |
| Piping                        | Flexible Double Wall A.P.T. Poly Tech P150SC                    | New           |
| Piping                        | Flexible Single Wall Piping                                     | 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 Containment Solutions                    | New           |

**Tank 6 Equipment**

| <b>Equipment Type</b>         | <b>Permit Equipment</b>                                         | <b>Action</b> |
|-------------------------------|-----------------------------------------------------------------|---------------|
| Corrosion Protection - Piping | Flexible Non-Corrosive                                          | New           |
| Corrosion Protection - Tank   | Fiberglass Non-Corrosive                                        | New           |
| Leak Detection - Piping       | Electronic Pressurized Line Leak Detection                      | New           |
| Leak Detection - Tank         | Non-Discriminating Interstitial Monitoring Sensors With Monitor | New           |
| Overfill Prevention Device    | Overfill Drop Tube Valve                                        | New           |
| Piping                        | Flexible Double Wall A.P.T. Poly Tech P150SC                    | New           |
| Piping                        | Flexible Single Wall Piping                                     | New           |
| Piping                        | Shear Valves                                                    | New           |
| Piping                        | Single Wall STP/Tanktop Sump                                    | New           |
| Spill Containment Device      | Double Wall Spill Bucket                                        | New           |
| Tank                          | Fiberglass Double Wall Containment Solutions                    | New           |

**Tank 7 Equipment**

| <b>Equipment Type</b>         | <b>Permit Equipment</b>                                         | <b>Action</b> |
|-------------------------------|-----------------------------------------------------------------|---------------|
| Corrosion Protection - Piping | Flexible Non-Corrosive                                          | New           |
| Corrosion Protection - Tank   | Fiberglass Non-Corrosive                                        | New           |
| Leak Detection - Piping       | Electronic Pressurized Line Leak Detection                      | New           |
| Leak Detection - Tank         | Non-Discriminating Interstitial Monitoring Sensors With Monitor | New           |
| Overfill Prevention Device    | Overfill Drop Tube Valve                                        | New           |
| Piping                        | Flexible Double Wall A.P.T. Poly Tech P150SC                    | New           |
| Piping                        | Flexible Single Wall Piping                                     | New           |
| Piping                        | Shear Valves                                                    | New           |
| Piping                        | Single Wall STP/Tanktop Sump                                    | New           |
| Spill Containment Device      | Double Wall Spill Bucket                                        | New           |
| Tank                          | Fiberglass Double Wall Containment Solutions                    | New           |

**Tank 8 Equipment**

| <b>Equipment Type</b>         | <b>Permit Equipment</b>                                         | <b>Action</b> |
|-------------------------------|-----------------------------------------------------------------|---------------|
| Corrosion Protection - Piping | Flexible Non-Corrosive                                          | New           |
| Corrosion Protection - Tank   | Fiberglass Non-Corrosive                                        | New           |
| Leak Detection - Piping       | Electronic Pressurized Line Leak Detection                      | New           |
| Leak Detection - Tank         | Non-Discriminating Interstitial Monitoring Sensors With Monitor | New           |
| Overfill Prevention Device    | Overfill Drop Tube Valve                                        | New           |
| Piping                        | Flexible Double Wall A.P.T. Poly Tech P150SC                    | New           |
| Piping                        | Flexible Single Wall Piping                                     | New           |
| Piping                        | Shear Valves                                                    | New           |
| Piping                        | Single Wall STP/Tanktop Sump                                    | New           |
| Spill Containment Device      | Double Wall Spill Bucket                                        | New           |
| Tank                          | Fiberglass Double Wall Containment Solutions                    | New           |

## Dispensers on the Permit

| Dispenser | Action |
|-----------|--------|
| 1/2       | New    |
| 3/4       | New    |
| 5/6       | New    |
| 7/8       | New    |

### 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    |

## 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

Installation of new tanks and piping.

Changing the location of the vent risers. Revised planset showing the new location has been uploaded.

## Special Contingencies

**NOTES: Dispensers must be a full 10' to buildings and property lines. Vents must meet section 175.440 of our rules.**

### Amendment Reason:

Changing the vent riser location

### Amendment Reason #1:

Changing the vent riser location

### Amendment Reason #2:

switching tank 8 from e15 to e85

### Revision Reason:

Tank 8 was changed from E15 to E85

**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. 11/13/2026

Sincerely,



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Daniel Starks