



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

FOR OFFICE USE ONLY
Facility #: 2026179
Permit #: 00479-2024INS
Request Rec'd: 04/28/2024
Approval Date: 04/29/2024 DS
Permit Expires: 10/29/2024

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: Red Crown Investments, LLC-138 750 Bunker Court Suite 100 Vernon Hills, IL 60061 (None) County Contact: John Graham 847/837-0777	FACILITY - name and address where tanks are located: BP 138 5520 West Elm & Ringwood McHenry, IL 60050 McHenry County Contact: John Graham 847/837-0777
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
4	Gasoline - Regular	20,000	Tank Not Installed	Federal
5	Gasoline - Premium	10,000	Tank Not Installed	Federal
6	Diesel Fuel	10,000	Tank Not Installed	Federal
7	E85	10,000	Tank Not Installed	Federal
8	E15	10,000	Tank Not Installed	Federal
9	Diesel Fuel	20,000	Tank Not Installed	Federal

Tank 4 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Spill Containment Device	Double Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	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 Containment Solutions	New
Piping	Flexible Double Wall NUPI Smartflex	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New

Tank 5 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	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	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Piping	Flexible Double Wall NUPI Smartflex	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 6 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	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	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Piping	Flexible Double Wall NUPI Smartflex	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 7 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	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	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Piping	Flexible Double Wall NUPI Smartflex	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 8 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	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	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Piping	Flexible Double Wall NUPI Smartflex	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 9 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall Containment Solutions	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	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	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Flexible Double Wall NUPI Smartflex	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Dispensers on the Permit

Dispenser	Action
1/2	New
3/4	New
5/6	New
7/8	New
9/10	New
11/12	New
13/14	New
15/16	New
17/18	New
19	New
20	New
21	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
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser 9/10 Equipment

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

Dispenser 11/12 Equipment

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

Dispenser 13/14 Equipment

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

Dispenser 15/16 Equipment

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

Dispenser 17/18 Equipment

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

Dispenser 19 Equipment

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

Dispenser 20 Equipment

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

Dispenser 21 Equipment

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

Note: We are installing (1) tank for DEF which would be tank #15 with piping to the (3) truck side dispenser islands.

Installing VR TLS 450 Plus tank monitor

Auto Side

Installing (1) 30,000 gallon two-compartment DWFRP tank split 20k for RUL & 10k for PUL product. Installing (1) 30,000 gallon three-compartment DWFRP tank split 10k for Diesel, 10k for E85 & 10k for E15 product. Installing DW Nupi Smartlex piping from these tanks to (9) dispenser islands. Installing SWFRP STP Sumps on tanks and SW Nupi UDC's at dispenser islands. Installing (9) new Wayne dispensers on dispenser islands under a new canopy.

Installing DW Spill buckets and Franklin Defender Overfill Valves and VR Overfill Alarm. Installing VR position sensitive liquid sensors with positive shutdown at all tank sumps and UDC's. Installing FE Petro STP's along with VR DPLLD line leak detection.

Truck Side

Installing (1) 30,000 gallon two-compartment DWFRP tank split 20k for RUL & 10k for DEF product. Installing DW Nupi Smartlex piping from these tanks to (3) dispenser islands. Installing SWFRP STP Sumps on tanks and SW Nupi UDC's at dispenser islands. Installing (3) new Wayne dispensers on dispenser islands under a new canopy.

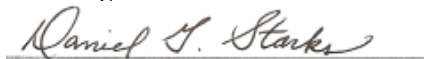
Installing DW Spill buckets and Franklin Defender Overfill Valves and VR Overfill Alarm. Installing VR position sensitive liquid sensors with positive shutdown at all tank sumps and UDC's. Installing FE Petro STP's along with VR DPLLD line leak detection.

Special Contingencies

NOTES: This permit is replacing previous permit 00238-2023INS which was denied. A motor fuel dispensing permit must be applied for asap

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Performance Tank, Inc. 730 Creel Drive Wood Dale, IL 60191	Contact Person: Tim Berg Phone: 847/612-6551 Email: tberg@perftank.com Contractor License # IL881 Exp. 12/8/2024

Sincerely,



Daniel Starks