



**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 #: 1042457  
Permit #: 00651-2024INS  
Request Rec'd: 05/29/2024  
Approval Date: 05/29/2024 DS  
Permit Expires: 12/01/2024

**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.**

<b>OWNER OF TANKS</b> - Corporation, partnership, or other business entity: Murphy Oil USA, Inc. 200 E. Peach Street El Dorado, AR 71730 (None) County Contact: John Moore 870/677-6116	<b>FACILITY</b> - name and address where tanks are located: Murphy USA #7165 1620 South Galena Avenue Highway 26 Dixon, IL 61021 Lee County Contact: Rachel Johnson 815/285-2730
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**Tanks on the Permit**

Tank #	Product	Capacity	Tank Status	Regulated Status
4	Gasoline - Regular	25,000	Tank Not Installed	Federal
5	Gasoline - Premium	8,000	Tank Not Installed	Federal
6	Diesel Fuel	10,000	Tank Not Installed	Federal
7	Gasoline - Non Ethanol	8,000	Tank Not Installed	Federal


**Tank 4 Equipment**

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Mechanical Pressurized Line Leak Detection	New
Spill Containment Device	Double Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Tank	Fiberglass Double Wall XERXES	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Flex Connector Steel	New
Piping	Other Submersible Pump	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Leak Detection - Tank	Automatic Tank Gauging Franklin Fueling Systems EVO 600	New


**Tank 5 Equipment**

<b>Equipment Type</b>	<b>Permit Equipment</b>	<b>Action</b>
Tank	Fiberglass Double Wall XERXES	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	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	Other Steel Riser	New
Piping	Flex Connector Steel	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Mechanical Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Franklin Fueling Systems EVO 600	New
Spill Containment Device	Double Wall Spill Bucket	New

**Tank 6 Equipment**

<b>Equipment Type</b>	<b>Permit Equipment</b>	<b>Action</b>
Tank	Fiberglass Double Wall XERXES	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	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	Other Steel Riser	New
Piping	Flex Connector Steel	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Mechanical Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Franklin Fueling Systems EVO 600	New
Spill Containment Device	Double Wall Spill Bucket	New


## Tank 7 Equipment

Equipment Type	Permit Equipment	Action
Tank	Fiberglass Double Wall XERXES	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Piping	Other Submersible Pump	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	Other Steel Riser	New
Piping	Flex Connector Steel	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Mechanical Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Franklin Fueling Systems EVO 600	New
Spill Containment Device	Double Wall Spill Bucket	New


## Dispensers on the Permit

Dispenser	Action
Disp 1/2	New
Disp 3/4	New
Disp 5/6	New
Disp 7/8	New
Disp 9/10	New
Disp 11/12	New
Disp 13/14	New
Disp 15/16	New


## Dispenser Disp 1/2 Equipment

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


## Dispenser Disp 3/4 Equipment

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

## Dispenser Disp 5/6 Equipment

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

## Dispenser Disp 7/8 Equipment

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

**Dispenser Disp 9/10 Equipment**

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

**Dispenser Disp 11/12 Equipment**

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

**Dispenser Disp 13/14 Equipment**

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

**Dispenser Disp 15/16 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**

Complete system replacement, Xerxes double wall tanks, Ameron LCX double wall piping, Incon EVO 600 atg, Bravo single wall FRP UDC's. New canopy system

**Special Contingencies**

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Seneca Companies, Inc. 4140 East 14th Street PO Box 3360 Des Moines, IA 50313	Contact Person: Glen Davis Phone: 563/340-5216 Email: gdavis@senecaco.com Contractor License # IL598 Exp. 2/23/2026

Sincerely,



Daniel Starks