



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**

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Revised

Replacement of 01298-2024INS

FOR OFFICE USE ONLY

Facility #: 1001152
Permit #: 00463-2025INS
Request Rec'd: 04/21/2025
Approval Date: 04/21/2025 DS
Revision Date: 05/07/2025 SB
Permit Expires: 10/21/2025

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.

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OWNER OF TANKS - Corporation, partnership, or other business entity: Four Rivers Sanitation Authority 3501 Kishwaukee Street Rockford, IL 61109 (None) County Contact: Jim Reader 815/387-7587 | FACILITY - name and address where tanks are located: Rock River Water Reclamation District 3333 Kishwaukee Street Rockford, IL 61109 Winnebago County Contact: Terry Stoll 815/387-7588 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Tanks on the Permit

| Tank # | Product | Capacity | Tank Status | Regulated Status |
|--------|--------------------|----------|----------------------|------------------|
| 16 | Dyed Diesel | 6,000 | Installed/Not in Use | Federal |
| 17 | Gasoline - Regular | 6,000 | Installed/Not in Use | Federal |
| 18 | Diesel Fuel | 10,000 | Installed/Not in Use | Federal |

Tank 16 Equipment

| Equipment Type | Permit Equipment | Action |
|-------------------------------|--------------------------------------------------------------|--------|
| 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 | Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flexible Double Wall A.P.T. Poly Tech P175SC | 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 XERXES | New |

Tank 17 Equipment

| Equipment Type | Permit Equipment | Action |
|-------------------------------|--------------------------------------------------------------|--------|
| 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 | Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flexible Double Wall A.P.T. Poly Tech P175SC | 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 XERXES | New |

Tank 18 Equipment

| Equipment Type | Permit Equipment | Action |
|-------------------------------|--------------------------------------------------------------|--------|
| 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 | Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Fiberglass Single Wall Piping Ameron 4000 L single wall vent | New |
| Piping | Flexible Double Wall A.P.T. Poly Tech P175SC | 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 XERXES | 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

Installing new fuel system. 3 compartment Xerxes double wall fiberglass tank. All piping to be APT XP-175SC. All vent piping Ameron 4000L. System monitored by Veeder Root TLS-450Plus

Special Contingencies

NOTE: Dispensers must be a full 10' from buildings and property lines

Replacement Reason:

Permit expired before final inspection was completed. Please issue new permit for final inspection.

Revision Reason:


Change tank #18 size to 10,000 gallon

Replacement Reason:

Permit expired before final inspection was completed. Please issue new permit for final inspection.

| PERSON, FIRM OR COMPANY PERFORMING WORK: | |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Stenstrom Petroleum Services Group 2422 Center Street Rockford, IL 61108 | Contact Person: Robert Stenstrom Phone: 815/209-6640 Email: natem@rstenstrom.com Contractor License # IL1890 Exp. 4/12/2026 |

Sincerely,



Daniel Starks