



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

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**Revised
Replacement of 00739-2023INS**

FOR OFFICE USE ONLY

Facility #: 2041761
Permit #: 00875-2023INS
Request Rec'd: 08/09/2023
Approval Date: 08/09/2023 SB
Extension Date: 08/10/2023
Permit Expires: 02/09/2024

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: Woodman's Food Market, Inc. 2631 Liberty Lane Janesville, WI 535450741 (None) County Contact: Deb Arnold 608/754-8382 | FACILITY - name and address where tanks are located: Woodman's Gas/Lube and Car Wash 2170 Randall Road Carpentersville, IL 60110 Kane County Contact: Rafael Valencia 608/754-8382 |
|---|---|

Tanks on the Permit

| Tank # | Product | Capacity | Tank Status | Regulated Status |
|--------|--------------------|----------|--------------------|------------------|
| 6 | Gasoline - Regular | 30,000 | Tank Not Installed | Federal |
| 7 | Gasoline - Premium | 6,000 | Tank Not Installed | Federal |
| 8 | E85 | 6,000 | Tank Not Installed | Federal |

Tank 6 Equipment

| Equipment Type | Permit Equipment | Action |
|-------------------------------|---|--------|
| Leak Detection - Tank | Automatic Tank Gauging Incon TS 550 Evo | 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 KBK Industries | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Piping | Fiberglass Single Wall Piping Ameron Dualoy 3000/L | New |
| Piping | Other Submersible Pump | New |
| Piping | Shear Valves | New |
| Piping | Single Wall STP/Tanktop Sump | New |
| ↳ Leak Detection - Piping | Non-Discriminating Sump Sensor with positive shutdown | New |
| Piping | Ball Valves | New |

Tank 7 Equipment

| Equipment Type | Permit Equipment | Action |
|----------------------------------|---|--------|
| Leak Detection - Piping | Electronic Pressurized Line Leak Detection | New |
| Tank | Fiberglass Double Wall KBK Industries | New |
| Overfill Prevention Device | Overfill Alarm | New |
| Leak Detection - Tank | Automatic Tank Gauging Incon TS 550 Evo | New |
| Piping | Ball Valves | New |
| Piping | Other Submersible Pump | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Piping | Single Wall STP/Tanktop Sump | New |
| ↳ <i>Leak Detection - Piping</i> | Non-Discriminating Sump Sensor with positive shutdown | New |
| Corrosion Protection - Piping | Flexible Non-Corrosive | New |
| Piping | Fiberglass Single Wall Piping Ameron Dualoy 3000/L | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Shear Valves | New |
| Spill Containment Device | Double Wall Spill Bucket | New |
| Corrosion Protection - Tank | Composite Non-Corrosive | New |
| Tank | Composite Double Wall Lannon | New |

Tank 8 Equipment

| Equipment Type | Permit Equipment | Action |
|----------------------------------|--|--------|
| Leak Detection - Piping | Electronic Pressurized Line Leak Detection | New |
| Overfill Prevention Device | Overfill Alarm | New |
| Leak Detection - Tank | Automatic Tank Gauging Incon TS 550 Evo | New |
| Piping | Ball Valves | New |
| Piping | Other Submersible Pump | New |
| Leak Detection - Tank | Non-Discriminating Interstitial Monitoring Sensors | New |
| Piping | Single Wall STP/Tanktop Sump | New |
| ↳ <i>Leak Detection - Piping</i> | Discriminating Sump Sensor with positive shutdown | New |
| Corrosion Protection - Piping | Flexible Non-Corrosive | New |
| Piping | Fiberglass Single Wall Piping Ameron Dualoy 3000/L | New |
| Piping | Flexible Double Wall Franklin Fueling Systems UPP | New |
| Overfill Prevention Device | Overfill Drop Tube Valve | New |
| Piping | Shear Valves | New |
| Spill Containment Device | Double Wall Spill Bucket | New |
| Corrosion Protection - Tank | Composite Non-Corrosive | New |
| Tank | Composite Double Wall Lannon | 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

TANKS:

- (1) 30,000 gallon 10' dia. KBK brand double wall fiberglass tank.
- (1) 12,000 gallon 8' dia. Elutron brand double wall composite tank, split 6/6.
- Concrete dead men hold downs, straps & turnbuckles.

Install (2) Monitoring wells in tank excavation.

OVERSPILL/OVERFILL PREVENTION:

- (3) 5 gallon, double wall overflow containment manholes.
- (3) Franklin Fueling overflow prevention drop tubes.

SUMPS:

- (3) 42" fiberglass water-tight piping sumps at tank tops.
- (5) Poly under dispenser sumps at islands

PIPING:

- 2" Double wall UL Franklin Fueling UPP approved pipe system.
- Franklin Fueling 2" single wall UPP vent piping system.

SUBMERSIBLE PUMPS:

- (1) FE Petro 2 HP submersible pump with Electronic Line Leak Detector (E85).
- (1) FE Petro 2 HP submersible pump with Electronic Line Leak Detector (Premium).
- (2) FE Petro 4 HP variable speed submersible pumps with Electronic Line Leak Detector (Regular).
- (4) Pump Controllers.

LEAK DETECTION:

- (1) EVO 550 monitor console.
- (1) 10' Tank level probes.
- (2) 8' Tank level probes.
- (2) Tank interstitial sensors.
- (5) Dispenser sump sensors.
- (3) Tank sump sensors.
- (4) Digital Pressurized line leak detectors.
- (1) Overfill alarm with acknowledgement switch.

MANHOLES:

- (2) 12" Observation well manhole.
- (5) 42" Composite manholes.
- (3) 18" Tank sensor manholes.
- (5) 12" Manhole.

ISLAND EQUIPMENT:

- (5) 3' x 5' x 9" island forms.
- Steel bollards
- (5) Fire extinguishers.
- Self-Serve signage at islands

Special Contingencies

Replacement Reason:

New Schedule needed.

Revision Reason:

Updated site plan submitted.

Replacement Reason:

New Schedule needed.

| PERSON, FIRM OR COMPANY PERFORMING WORK: | |
|--|---|
| Crowne Industries, Ltd. 651 S. Sutton Road #214 Streamwood, IL 60107 | Contact Person: Robert Sumoski Phone: 630/201-4967 Email: bob@crownnetank.com Contractor License # IL002345 Exp. 5/16/2024 |

Sincerely,

Shelly Bradley

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