



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
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Springfield, IL 62703
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FOR OFFICE USE ONLY

Facility #: 2046754
Permit #: 00762-2023INS
Request Rec'd: 07/05/2023
Approval Date: 07/10/2023 DS
Permit Expires: 01/10/2024

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 Car Wash 27555 Illinois Route 120 Lakemoor, IL 60051 McHenry County Contact: Deb Arnold 608/754-8382
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
8	Gasoline - Regular	25,000	Tank Not Installed	Federal
9	Gasoline - Premium	6,000	Tank Not Installed	Federal
10	Gasoline - Regular	15,000	Tank Not Installed	Federal
11	E-85	6,000	Tank Not Installed	Federal

Tank 8 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	Composite Non-Corrosive	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Tank	Composite Double Wall Lannon	New
Piping	Flexible Single Wall Piping	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New
Piping	Ball Valves	New
Piping	Shear Valves	New
Piping	Other Submersible Pump	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Tank 9 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Tank	Composite Double Wall Lannon	New
Corrosion Protection - Tank	Composite Non-Corrosive	New
Leak Detection - Tank	Automatic Tank Gauging Incon TS 550 Evo	New
Piping	Flexible Single Wall Piping	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	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

Tank 10 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Tank	Composite Double Wall Lannon	New
Corrosion Protection - Tank	Composite Non-Corrosive	New
Leak Detection - Tank	Automatic Tank Gauging Incon TS 550 Evo	New
Piping	Flexible Single Wall Piping	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	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

Tank 11 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Tank	Composite Double Wall Lannon	New
Corrosion Protection - Tank	Composite Non-Corrosive	New
Leak Detection - Tank	Automatic Tank Gauging Incon TS 550 Evo	New
Piping	Flexible Single Wall Piping	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
↳ Leak Detection - Piping	Discriminating Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	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

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
19/20	New

Dispenser 1/2 Equipment

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

Dispenser 3/4 Equipment

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

Dispenser 5/6 Equipment

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

Dispenser 7/8 Equipment

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

Dispenser 9/10 Equipment

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

Dispenser 11/12 Equipment

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

Dispenser 13/14 Equipment

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

Dispenser 15/16 Equipment

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

Dispenser 17/18 Equipment

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

Dispenser 19/20 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Discriminating 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

TANKS:

- (1) 25,000 gallon 10' dia. Elutron brand double wall composite tank.
- (1) 27,000 gallon 10' dia. Elutron brand double wall composite tank, split 6/15/6.
- Concrete dead men hold downs, straps & turnbuckles.

Install (2) Monitoring wells in tank excavation.

OVERSPILL/OVERFILL PREVENTION:

- (4) 5 gallon, double wall overspill containment manholes.
- (4) Franklin Fueling overfill prevention drop tubes.
- (1) Overfill Alarm.

SUMPS:

- (4) 42" fiberglass water-tight piping sumps at tank tops.
- (10) Fiberglass 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.
- (4) 10' Tank level probes.
- (2) Tank interstitial sensors.
- (10) Dispenser sump sensors.
- (4) Tank sump sensors.
- (4) Digital Pressurized line leak detectors.
- (1) Overfill alarm with acknowledgement switch.

MANHOLES:

- (2) 12" Observation well manhole.
- (4) 42" Composite manholes.
- (3) 18" Tank sensor manholes.
- (5) 12" Manhole.

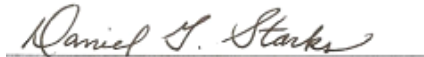
ISLAND EQUIPMENT:

- (10) Dispensers.
- (10) 3' x 5' x 9" island forms.
- Steel bollards
- (11) Fire extinguishers.
- Self-Serve signage at islands

Special Contingencies

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@crownetank.com Contractor License # IL002345 Exp. 5/16/2024

Sincerely,



Daniel Starks