



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY

Facility # 2023831
Permit # 00528-2023INS
Request Rec'd 04/25/2023
Amended Date
Approval Date 5/17/2023 DS
Permit Expires 11/17/2023

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 or an employee of that contractor (this does not include a subcontractor) shall submit a required job schedule for installation of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: LB Five, LLC Series E 2401 W. US Highway 20 Suite 105 Pingree Grove, IL 60140 Contact: Joseph Lazar (847) 344-2070	(2) <u>FACILITY</u> - name and address where tanks are located: Oasis Lily Lake, Inc. 44W322 Highway 64 Lily Lake, IL 60151 Contact: Joseph Lazar (847) 344-2070
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed: (TK # 16) - 5,000*
- (b) Type of tank(s): (TK # 16) Tank - Composite Double Wall Lannon*
- (c) Type of piping: (TK # 16) Piping - Fiberglass Single Wall Piping Ameron Dualoy 3000L for vents, (TK # 16) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from tank to dispensers, (TK # 16) Piping - Other Submersible Pump, (TK # 16) Piping - Ball Valves , (TK # 16) Piping - Positive Shutoff Valves , (TK # 16) Piping - Shear Valves , (TK # 16) Piping - Single Wall STP/Tanktop Sump*
- (d) Product to be stored in each tank: (TK # 16) - E-85*
- (e) Type of leak detection being used:*
 - Tank: (TK # 16) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350 Plus with CSLD , (TK # 16) Leak Detect - Tank - Non-Discriminating Interstitial Monitoring Sensors*
 - Piping: (TK # 16) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 16) Leak Detect - Piping - Discriminating Sump Sensor with positive shutdown in submersible and dispenser sumps*
- (f) Corrosion Protection being used:*
 - Tank: (TK # 16) Corrosion Prot - Tank - Composite Non-Corrosive*
 - Piping: (TK # 16) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
- (g) Spill containment devices, piping and dispenser containment devices: (TK # 16) Spill Contain Device - Double Wall Spill Bucket*
- (h) Overfill prevention devices: (TK # 16) Overfill Prev Device - Overfill Drop Tube Valve*

- (4)** The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation to the OSFM prior to the work being performed. Both forms can be obtained at www.sfm.illinois.gov or by calling (217)785-1020.
- (5) GENERAL REQUIREMENTS** : 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.
- (6) SPECIAL CONTINGENCIES** :

This work was permitted under permit # 591-2022INS. The tank, and all equipment has been installed and inspected and is paved over. This application is to bring Tank #16, the E85 tank into service.

Piping will be Ameron LCX. New vent piping to be installed to a riser within 50 feet of tanks. Reusing Veeder Root TLS 350Plus to monitor tanks and sensors within the tank top sumps and tank interstitial space. Installing new submersible pumps with Veeder Root TLS 350 plus electronic line leak detection. Installing new SBravo fiberglass single wall tank top sumps. Dispenser containment pans are new under permit # 00065-2022 UPG. Installing OPW 5 gallon overspill manholes and OPW overfill valves

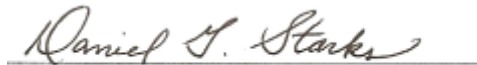
NOTE: Dispensers must maintain a full 10' from buildings and property lines

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Crowne Industries, Ltd.
651 S. Sutton Road #214
Streamwood, IL 60107

Contact Person: Robert Sumoski
Phone: (630) 497-9009
Contractor Registration # IL002345 Exp. 5/16/2024

Sincerely,

A handwritten signature in cursive script that reads "Daniel G. Starks". The signature is written in dark ink and is positioned above a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist
Division File