



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 # 7046960
Permit # 02094-2019INS
Request Rec'd 10/30/2019
Amended Date
Approval Date 11/4/2019 DS
Permit Expires 5/5/2020

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.**

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Big Daddy Liquir and Fuel 16251 Pittsburg Road Pittsburg IL 62974</p> <p>Contact: Blaine Thompson (618) 997-8997</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Big Daddy Liquir and Fuel 16251 Pittsburg Road Pittsburg IL 62974</p> <p>Contact: Blaine Thompson (618) 997-8997</p>
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1) - 12,000, (TK # 2) - 8,000*
- (b) *Type of tank(s): (TK # 1, 2) Tank - Composite Double Wall Glasteel II*
- (c) *Type of piping: (TK # 1, 2) Piping - Flexible Double Wall OmegaFlex DoubleTrac from tanks to dispensers as shown in site plan , (TK # 1, 2) Piping - Shear Valves, (TK # 1, 2) Piping - Double Wall STP/Tanktop Sump Bravo B-400-DB-MW*
- (d) *Product to be stored in each tank: (TK # 1) - Gasoline - Regular, (TK # 2) - Diesel Fuel*
- (e) *Type of leak detection being used:*
- Tank: (TK # 1, 2) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus , (TK # 1, 2) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 450 Plus*
- Piping: (TK # 1, 2) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 450 Plus 8590 DPLLD, (TK # 1, 2) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in submersible and all dispenser sumps. NOTE: Sensors must shut down the submersible pump supplying that line upon detection of a leak per 175.640 a) 1)*
- (f) *Corrosion Protection being used:*
- Tank: (TK # 1, 2) Corrosion Prot - Tank - Composite Non-Corrosive*
- Piping: (TK # 1, 2) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2) Spill Contain Device - Double Wall Spill Bucket OPW 1C-3112D Edge*
- (h) *Overfill prevention devices: (TK # 1, 2) Overfill Prev Device - Overfill Drop Tube Valve EBW 708 Auto Limiter*
- (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 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.

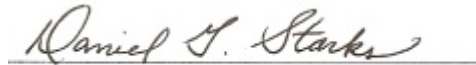
(6) **SPECIAL CONTINGENCIES** : NOTE: Motor Fuel Dispensing permit was recieved as well

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Robert Ellis & Sons
1703 North 7th Street
Murphysboro, IL 62966

Contact Person: Mike Ellis
Phone: (618) 684-6026
Contractor Registration # IL980 Exp. 3/23/2020

Sincerely,

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

Daniel Starks

cc: Storage Tank Safety Specialist
Division File