



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)785-1020

FOR OFFICE USE ONLY

Facility # 7-010321
Permit # 00297-2014INS
Request Rec'd 04/09/2014
Amended Date
Approval Date 4/10/2014 DS
Permit Expires 10/10/2014

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) OWNER OF TANKS - Corporation, partnership, or other business entity: Knapp Oil Company, Inc. P.O. Box 215 Xenia, IL 62899 Contact:	(2) FACILITY - name and address where tanks are located: Knapp Citgo Fairfield 308 W. Delaware St. Fairfield, Wayne Co., IL Contact: Anna Scarbough
---	--

(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 10, 12) - 4,000 gallons, (TK # 11) - 12,000 gallons, (TK # 13) - 11,000 gallons, (TK # 14) - 3,000 gallons **INSPECTOR NOTE: Tanks 10 & 11 will be a compartment tank and tanks 12, 13 & 14 will be a compartment tank.**
- (b) **Type of tanks:** (TK # 10, 11, 12, 13, 14) - (Installing) Composite Double Wall Glasteel II
- (c) **Type of piping:** (TK # 10, 11, 12, 13, 14) - (Installing) Fiberglass Single Wall Piping Ameron vent piping, (TK # 10, 11, 12, 13, 14) - (Installing) Flexible Double Wall A.P.T. Poly Tech P150SC product piping
- (d) **Product to be stored in each tank:** (TK # 10) - E-85, (TK # 11, 12) - Gasoline, (TK # 13) - Diesel Fuel, (TK # 14) - Kerosene
- (e) **Type of leak detection being used:**
Tank: (TK # 10, 11, 12, 13, 14) - (Installing) Automatic Tank Gauging Veeder Root TLS 450 and probes, (TK # 10, 11, 12, 13, 14) - (Installing) Interstitial Monitoring Veeder Root TLS 450
Piping: (TK # 10, 11, 12, 13, 14) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 in all submersible and all dispenser sumps, (TK # 10, 11, 12, 13, 14) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 450
- (f) **Corrosion Protection being used:**
Tank: (TK # 10, 11, 12, 13, 14) - (Installing) Composite Non-Corrosive
Piping: (TK # 10, 11, 12, 13, 14) - (Installing) Flexible Non-Corrosive
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 10, 11, 12, 13, 14) - (Installing) Manhole Pre-manufactured OPW 1-2100-DEV
- (h) **Overfill prevention devices:** (TK # 10, 11, 12, 13, 14) - (Installing) Overfill Drop Tube Valve OPW 71SO
- (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:** The underground storage tank system for tank #10 must be compatible with E-85, as indicated in section 175.415 of Title 41 of the Illinois Administrative Code. **Site plan shows a diesel dispenser in close proximity of the K-1 dispenser. On 4/10/2014 I spoke to Robert Ellis and informed him that the K-1 dispenser cannot be within 20 feet of any other petroleum dispenser per 175.260(f). Mr Ellis assured me that there will be at least 20 feet between the two dispensers.**

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

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

Contact Person: Robert Ellis
Phone: (618) 713-0765

Contractor Registration # IL-980 Exp. 03/23/2016

Sincerely,

A handwritten signature in cursive script, reading "Daniel G. Starks", is written over a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist -
Fire Department -
Division File
(Rev. - 9/10)