



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Technical Services
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)524-7605

FOR OFFICE USE ONLY
Facility # 2-009103
Permit # 00820-2012INS
Request Rec'd 08/13/2012
Amended Date
Approval Date 8/13/2012 JC
Permit Expires 2/13/2013

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: Buchanan Energy N, LLC 4973 Dodge Street Omaha, NE 68132 Contact: Nichole Mallett (847) 433-1249	(2) FACILITY - name and address where tanks are located: Bucky's Express #423 1601 E. Algonquin Road Schaumburg, Cook Co., IL Contact: Tomy Thomas (847) 397-3244
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 6) - 20,000 gallons, and one compartment tank consisting of: (TK # 7, 8) - 10,000 gallons each.
- (b) **Type of tanks:** (TK # 6, 7, 8) - (Installing) Fiberglass Double Wall XERXES
- (c) **Type of piping:** (TK # 6, 7, 8) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX from the tanks to the existing dispenser sumps from the old UST system (**see permit #00816-2012REM**).
- (d) **Product to be stored in each tank:** (TK # 6, 7) - Gasoline, (TK # 8) - Diesel Fuel
- (e) **Type of leak detection being used:**
Tank: (TK # 6, 7, 8) - (Installing) Interstitial Monitoring Veeder Root TLS 350 , (TK # 6, 7, 8) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 with CSLD probes only. The console is existing. **See permit #00816-2012REM.**
Piping: (TK #6, 7, 8) - The contractor will re-use existing line leak detectors and re-use all existing submersible sump sensors and all existing dispenser sump sensors (the piping leak detection equipment is being re-used from the old UST system). **See permit #00816-2012REM.**
- (f) **Corrosion Protection being used:**
Tank: (TK # 6, 7, 8) - (Installing) Fiberglass Non-Corrosive
Piping: (TK # 6, 7, 8) - (Installing) Fiberglass Non-Corrosive
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 6, 7, 8) - (Installing) Manhole Pre-manufactured OPW 1C-3112 EDGE.
- (h) **Overfill prevention devices:**

- (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:** See also permit #00816-2012REM.

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Contact Person: Doug Harmon Phone: (708) 758-3222 Contractor Registration # Exp. 03/10/2014

Sincerely,

James J. Coffey

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