



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 # 2-009144
Permit # 00745-2013INS
Request Rec'd 08/01/2013
Amended Date 09/05/2013
Approval Date 8/2/2013 JC
Permit Expires 2/2/2014

Amended

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.**

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| (1) OWNER OF TANKS - Corporation, partnership, or other business entity: Buchanan Energy N, LLC 4973 Dodge Street Omaha, NE 68132 Contact: Nichole Mallett (402) 558-9860 | (2) FACILITY - name and address where tanks are located: Bucky's Express #438 294 East Route 60 Vernon Hills, Lake Co., IL Contact: Nicole Mallett (402) 558-9860 |
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 4) - 20,000 gallons, and one compartment tank consisting of the following two tanks: (TK # 5) - 12,000 gallons, (TK # 6) - 8,000 gallons
- (b) **Type of tanks:** (TK # 4, 5, 6) - (Installing) Fiberglass Double Wall XERXES
- (c) **Type of piping:** (TK # 4, 5, 6) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping (2"), **and remote fill piping (4")**, (TK # 4, 5, 6) - (Installing) Fiberglass Single Wall vent Piping Ameron
- (d) **Product to be stored in each tank:** (TK # 4, 5) - Gasoline, (TK # 6) - Diesel Fuel
- (e) **Type of leak detection being used:**
 - Tank:** (TK # 4, 5, 6) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 Plus with CSLD (the existing console from the previously removed tanks will be re-used for this new tank system; however, new probes will be installed), (TK # 4, 5, 6) - (Installing) Interstitial Monitoring Veeder Root TLS 350 Plus
 - Piping:** (TK # 4, 5, 6) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 Plus, (TK # 4, 5, 6) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus at all submersible / remote fill sumps, and at all dispenser sumps.
- (f) **Corrosion Protection being used:**
 - Tank:** (TK # 4, 5, 6) - (Installing) Fiberglass Non-Corrosive
 - Piping:** (TK # 4, 5, 6) - (Installing) Fiberglass Non-Corrosive
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 4, 5, 6) - (Installing) Manhole Pre-manufactured OPW Edge 1C-3112P spill containment manhole
- (h) **Overfill prevention devices:** (TK # 4, 5, 6) - (Installing) Overfill Drop Tube Valve OPW 71SO, **(TK # 4, 5, 6) - (Installing) Overfill Alarm Veeder Root TLS 350 Plus**

- (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:** Amendment request was received 09/04/13 to change the original tank field layout by 90 degrees. This will also include a directional change in the product piping and vent piping layout per amended site plan. Furthermore, the contractor will also be installing remote fills and overfill alarms for these tanks. All remote fills (see 175.445) shall be double walled and constructed of non-corrosive material or cathodically protected. See also section 175.300(i) for guidelines concerning amended permit allowances.

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

DRW Services, Inc.
600 East Joe Orr Road
Chicago Heights, IL 60411

Contact Person: Douglas Harmon
Phone: (708) 758-3222 Ext. 12

Contractor Registration # IL-194 Exp. 03/10/2014

Sincerely,

A handwritten signature in cursive script, reading "James J. Coffey", is written over a horizontal line.

Jim Coffey

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