



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

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| <u>FOR OFFICE USE ONLY</u> |
| Facility # 2-009144        |
| Permit # 00745-2013INS     |
| Request Rec'd 08/01/2013   |
| Amended Date               |
| Approval Date 8/2/2013 JC  |
| Permit Expires 2/2/2014    |

**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.**

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| <p><b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:<br/>         Buchanan Energy N, LLC<br/>         4973 Dodge Street<br/>         Omaha, NE 68132<br/>         Contact: Nichole Mallett (402) 558-9860</p> | <p><b>(2) FACILITY</b> - name and address where tanks are located:<br/>         Bucky's Express #438<br/>         294 East Route 60<br/>         Vernon Hills, Lake Co., IL<br/>         Contact: Nicole Mallet (402) 558-9860</p> |
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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 Single Wall Piping Ameron vent piping , (TK # 4, 5, 6) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping.
- (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) Interstitial Monitoring Veeder Root TLS 350 Plus , (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).
  - Piping:** (TK # 4, 5, 6) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus at all submersible sumps and at all dispenser sumps , (TK # 4, 5, 6) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 Plus
- (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

**(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](http://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:**

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| <p><b>(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u></b><br/>         DRW Services, Inc.<br/>         600 East Joe Orr Road<br/>         Chicago Heights, IL 60411</p> | <p>Contact Person: Douglas Harmon<br/>         Phone: (708) 758-3222 Ext. 12<br/>         Contractor Registration # IL-194 Exp. 03/10/2014</p> |
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Sincerely,



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Jim Coffey

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