**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 # 2-045340
Permit # 00362-2014INS
Request Rec'd 04/25/2014
Amended Date
Approval Date 4/28/2014 JC
Permit Expires 10/28/2014

**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: | (2) **FACILITY** - name and address where tanks are located: |
|---|---|
| Pilot Travel Centers, LLC<br>5508 Lonas Rd.<br>Knoxville, TN 37909-3221<br><br>Contact: Joey Cupp (800) 562-6210 Ext. 2826 | Pilot Travel Center<br>I-80 Exit 112<br>Morris, Grundy Co., IL<br><br>Contact: Joey Cupp (865) 588-7488 |

**(3) INSTALLATION OF TANKS:**

*(a)* ***Number and size of tanks being installed:*** **One compartment tank consisting of the following two tanks: (TK # 1) - 16,000 gallons, (TK # 2) - 9,000 gallons;** and (TK # 3, 4, 5, 6) - 20,000 gallons each, and (TK # 7) - 12,000 gallons

*(b)* ***Type of tanks:*** (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Fiberglass Double Wall XERXES

*(c)* ***Type of piping:*** **(TK # 1, 2, 3, 5, 7) - (Installing) submersible pump (tank 4 will have a siphon bar going to tank 3 and 5, there is also a siphon bar between tank 3 and 6, and tank 6 will have two European suction lines going to the blending pump, (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping to include a siphon bar between tanks 3,4,5,6 and two short European suction runs coming from tank #6 and leading to the blending pump. The piping is all pressurized after it exits the blending pump(when referring to the type of "system" for tank #6) (TK # 3, 4, 5, 6) - (Installing) Transition Sumps FRP fiberglass to contain the associated blending pump components at the pumphouse , (TK # 3, 4, 5, 6) - (Installing) Aboveground Piping (minimal amount located at the pumphouse to accommodate blending pump / operations).**

*(d)* ***Product to be stored in each tank:*** (TK # 1, 2) - Gasoline, (TK # 3, 4, 5) - Diesel Fuel, (TK # 6) - Bio-Diesel, **(TK # 7) - Diesel Exhaust Fluid (Non-Regulated)**

*(e)* ***Type of leak detection being used:***

***Tank:*** (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Interstitial Monitoring Veeder Root TLS 350 Plus , (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 Plus

***Piping:*** **(TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus at all submersible sumps, other tank sumps, all dispenser sumps, and at the blending transition sump , (TK # 1, 2) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD , (TK # 3, 5, 7) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D , (TK # 6) - (Installing) European with No Test Req Suction. Tank #4 has a siphon bar going to tank #3 and #5, and there is a siphon bar between tank #3 and #6**.

*(f)* ***Corrosion Protection being used:***

***Tank:*** (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Fiberglass Non-Corrosive

***Piping:*** (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Fiberglass Non-Corrosive

*(g)* ***Spill containment devices, piping and dispenser containment devices:*** (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Manhole Pre-manufactured OPW 1C-3112D

*(h)* ***Overfill prevention devices:*** (TK # 1, 2, 3, 4, 5, 6, 7) - (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 lease 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: **This permit replaces permit #00346-2013INS (expired 11/01/13). Inspector will need to review this new permit and site plan since the new site plan has changed significantly from the original site plan (the equipment and the basic technical issues remain the same; however the positioning of the tank field has changed, therefore the piping run directions have also changed significantly). The underground storage tank system for tank #6 must be compatible with bio-diesel, as indicated in section 175.415 of Title 41 of the Illinois Administrative Code, and as indicated in the U.S. EPA Federal Register vol.76, no.128, July 5th, 2011 notices concerning the storage and dispensing of alternative fuels. The tops of the tanks being siphoned together (tanks 3,4,5,6) must be within 6" elevation of each other. Tank #7 must follow section 175.820 if, in the future, it is ever proposed to store a regulated petroleum product. A small pumphouse is located near the tank field to house the blending pump, transition sump and small anount of above ground associated piping for the blending operation associated with the piping for tanks 3,4,5,6.**

**(7)** PERSON, FIRM OR COMPANY PERFORMING WORK:

K & W Fueling Systems, Inc.
1537 South 275 West, PO Box 116
Rushville, IN 46173

Contact Person: Gregg Koors
Phone: (765) 932-4980

Contractor Registration # IL-002380 Exp. 09/28/2015

Sincerely,

James J Coffey

Jim Coffey

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