



Office of the Illinois State Fire Marshal  
Division of Petroleum and Chemical Safety  
1035 Stevenson Drive  
Springfield, IL 62703  
2177851020

**FOR OFFICE USE ONLY**

Facility # 2027395  
Permit # 01437-2019INS  
Request Rec'd 07/29/2019  
Amended Date  
Approval Date 7/31/2019 DS  
Permit Expires 1/31/2020

**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.**

<p><b>(1) <u>OWNER OF TANKS</u></b> - Corporation, partnership, or other business entity:</p> <p>Graham Enterprise, Inc. 750 Bunker Ct., Suite 100 Vernon Hills, IL 60061</p> <p>Contact: John Graham (847) 837-0777</p>	<p><b>(2) <u>FACILITY</u></b> - name and address where tanks are located:</p> <p>McHenry BP-GEI-137 5031 Bull Valley Road McHenry, IL 60050</p> <p>Contact: Gavin Berry (847) 837-0777</p>
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**(3) INSTALLATION OF TANKS:**

- (a) Number and size of tanks being installed: (TK # 4) - 30,000, (TK # 5) - 15,000, (TK # 6, 7) - 7,000*
- (b) Type of tank(s): (TK # 4, 5, 6, 7) Tank - Fiberglass Double Wall Containment Solutions*
- (c) Type of piping: (TK # 4, 5, 6, 7) Piping - Flexible Double Wall NUPi Smartflex from tanks to dispensers as shown in site drawing, (TK # 4, 5, 6, 7) Piping - Single Wall STP/Tanktop Sump Bravo B-407-PP*
- (d) Product to be stored in each tank: (TK # 4) - Gasoline - Regular, (TK # 5) - Gasoline - Premium, (TK # 6) - Diesel Fuel, (TK # 7) - E-85*
- (e) Type of leak detection being used:*
  - Tank: (TK # 4, 5, 6, 7) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350 with CSLD, (TK # 4, 5, 6, 7) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350*
  - Piping: (TK # 4, 5, 6, 7) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350, (TK # 4, 5, 6, 7) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in all submersible and dispenser sumps. NOTE: Sensors must shut down the submersible pump supplying that line upon detection of a leak per 175.640 a) 1)*
- (f) Corrosion Protection being used:*
  - Tank: (TK # 4, 5, 6, 7) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
  - Piping: (TK # 4, 5, 6, 7) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) Spill containment devices, piping and dispenser containment devices: (TK # 4, 5, 6, 7) Spill Contain Device - Single Wall Spill Bucket Franklin Fueling Systems Defender 705*
- (h) Overfill prevention devices: (TK # 4, 5, 6) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-410C, (TK # 7) Overfill Prev Device - Overfill Drop Tube Valve OPW 61SOM*

**(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) 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.

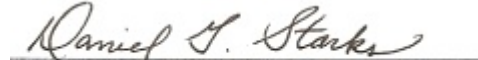
- (6) **SPECIAL CONTINGENCIES** : Installing (1) 30,000 gallon and (1) 29,000 gallon (split 7k/15k/7k/) Containment Solutions double wall fiberglass tanks. New tank sumps and dispenser sumps. NUPI double wall product piping to (6) fuel islands. (2) islands will have diesel and (2) islands will have E-85. Vent pipe to be Ameron single wall fiberglass. Re-using existing Veeder Root TLS 350 with mag plus probes, sump sensors, interstitial sensors, and plld's.

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

Metro Environmental Contractors, Inc. dba Metro Tank & Pump  
Company  
1111 West Dundee Road  
Wheeling IL 600903936

Contact Person: Warren Cherner  
Phone: (847) 465-4000  
Contractor Registration # IL102 Exp. 2/7/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File