



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 # 2022883  
Permit # 01027-2018UPG  
Request Rec'd 08/02/2018  
Amended Date  
Approval Date 8/2/2018 DS  
Permit Expires 2/4/2019

**Permit for UPGRADE or REPAIR of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.**

Permission to upgrade or repair underground storage tank(s) or piping is hereby granted. Such upgrade or repair 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 underground piping upgrade, leak detection, spill and overfill prevention of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety.

<p><b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:</p> <p>Graham Enterprise, Inc. 750 Bunker Ct., Suite 100 Vernon Hills, IL 60061</p> <p>Contact: Matthew Graham (847) 837-0777</p>	<p><b>(2) FACILITY</b> - name and address where tanks are located:</p> <p>North Chicago BP (SS# 146) 2132 Greenbay Road North Chicago, IL 60064</p> <p>Contact: Tony (847) 689-4410</p>
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**(3) UPGRADE OR REPAIR OF TANKS:**

- (a) Number and size of tanks being upgraded or repaired: (TK # 9, 10, 11) - 12,000*
- (b) Type of tanks:*
- (c) Type of piping: (TK # 9, 10, 11) Piping - Fiberglass Double Wall Ameron Dualoy 3000/L, (TK # 9, 10, 11) Piping - Fiberglass Secondary Containment Ameron, (TK # 9, 10, 11) Piping - Extractor Fitting Valves, (TK # 9, 10, 11) Piping - Shear Valves, (TK # 9, 10, 11) Piping - Valves Ball Valve, (TK # 9, 10, 11) Piping - Flex Connector Steel*
- (d) Product to be stored in each tank: (TK # 9, 10) - Gasoline, (TK # 11) - Diesel Fuel*
- (e) Type of leak detection being used:*
  - Tank: (TK # 9, 10, 11) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350, (TK # 9, 10, 11) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350*
  - Piping: (TK # 9, 10, 11) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors*
- (f) Corrosion Protection being used:*
  - Tank:*
  - Piping:*
- (g) Spill containment devices, piping, and dispenser containment devices: (TK # 9, 10, 11) Spill Contain Device - Manhole Pre-manufactured Franklin Fueling Systems Defender 705 Single Wall*
- (h) Overfill prevention devices: (TK # 9, 10, 11) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-400C*
- (i) Manway accessible at grade:*

- (4)** The owner must notify this Office when completion of tank upgrade/repair has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for underground piping upgrade, leak detection, spill and overfill prevention 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) SPECIAL CONTINGENCIES :**

INSTALL NEW BRAVO 1000 SERIES SINGLE WALL FIBERGLASS DISPENSER CONTAINMENT SUMPS, NEW OPW 10p-0152 DOUBLE POPPET SHEAR VALVES, OMEGAFLEX FLEX CONNECTORS. ADD ONE NEW ISLAND, EXTEND EXISTING AMERON DOUBLE WALL FIBERGLASS PIPE INTO NEW DISPENSER SUMPS. INSTALL VEEDER ROOT SENSORS IN EACH DISPENSER SUMP.

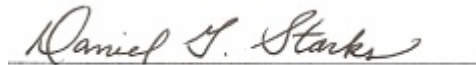
SUBMERSIBLE CONTAINMENT ( EXISTING ENVIRON POLY SUMP TO REMAIN, (ADD NEW WATER TIGHT BRAVO LID) EXISTING SUBMERSIBLES, SENSOR TO REMAIN. NO PIPING WORK TO BE PREFORMED IN SUBMERSIBLE SUMPS. EXISTING VEEDER ROOT PLLD TO REMAIN. UPGRADE TANK AREA BY INSTALLING NEW DEFENDER 5-GALLON SPILL CONTAINMENTS AND OPW 71SO OVERFILL DROP TUBES. INSTALL NEW STEEL RISER PIPES FOR FILLS, TANK GAUGE AND COAT AND WRAP. EXISTING VEEDER ROOT TLS-350 TO REMAIN. **NOTE: Sump sensors must shut down the submersible supplying that line upon detection of a leak per 175.640 a) 2)**

**(6) 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  
Contractor Registration # IL194 Exp. 3/10/2020

Sincerely,

A handwritten signature in cursive script that reads "Daniel G. Starks". The signature is written in dark ink and is positioned above a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist  
Division File