



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 # 2013997
Permit # 01138-2015UPG
Request Rec'd 10/15/2015
Amended Date
Approval Date 10/15/2015 DS
Permit Expires 4/15/2016

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>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Village of Bloomingdale 201 S. Bloomingdale Road Bloomingdale, IL 60108</p> <p>Contact: Marchi Michael (708) 893-7000</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Municipal Public Works Garage 305 Glen Ellyn Road Bloomingdale, IL 601082180</p> <p>Contact: Robin Anderson (708) 893-7000</p>
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(3) UPGRADE OR REPAIR OF TANKS:

(a) *Number and size of tanks being upgraded or repaired: (TK # 4, 5) - 12,000*

(b) *Type of tanks:*

(c) *Type of piping: (TK # 4, 5) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX, (TK # 4, 5) Piping - Dispenser Sumps containment FRP, (TK # 4, 5) Piping - Submersible Sumps containment FRP*

(d) *Product to be stored in each tank: (TK # 4) - Gasoline, (TK # 5) - Diesel Fuel*

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

Tank: (TK # 4, 5) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 300c, (TK # 4, 5) Leak Detect - Tank - Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 300c Dual Stage

Piping: (TK # 4, 5) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 300c

(f) *Corrosion Protection being used:*

Tank:

Piping: (TK # 4, 5) Corrosion Prot - Piping - Fiberglass Non-Corrosive

(g) *Spill containment devices, piping, and dispenser containmnt devices: (TK # 4, 5) Spill Contain Device - Manhole Pre-manufactured EBW 705*

(h) *Overfill prevention devices: (TK # 4, 5) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-4000 overfill drop tube valve*

(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 or by calling (217)785-1020.

(5) SPECIAL CONTINGENCIES :

-IL Office of the State Fire Marshal permitting

-Schedule and attend all required inspections with OSFM

-Break out and remove a 28' X 42' concrete pad from over both underground storage tanks including the fueling island

- Remove 42' of existing curb
- Provide vac truck to remove stone from over the top of the tank and expose existing tank top sumps, piping, and tank top risers
- Supply and install (2) new fiberglass tank top piping sumps
- Supply and install all new tank top risers
- Supply and install new submersible pumps (F.E. Petro 3/4 HP)
- Supply and install new under dispenser poly piping sumps
- Supply and install new underground double walled fiberglass product piping (Ameron 2" LCX)
- Supply and install new single wall underground fiberglass vent piping (Ameron 2" single wall)
- Supply and install new 5 gallon below grade spill containment on each fill riser (EBW 5 gallon)
- Supply and install new overfill drop tube valves in each fill risers (OPW 71SO-4000)
- Run new electrical from building to fueling area including:
 - All underground conduit to be PVC coated
 - Conduit and wire for all tank gauging probes and sensors
 - Conduit and wire for new submersible pumps
 - Conduit and wire for fuel management system
 - Conduit and wire underground for existing canopy lighting
 - (1) spare conduit for future use
 - Install (2) new emergency shut off switches
- Supply and install (2) new 42" manholes with composite covers,
- Supply and install (8) new 18" manholes
- Supply and install (2) new monitoring well manholes
- Supply and install new stainless steel fueling island form
- Resurface tank pad with 4000 PSI concrete at 10" thick re-enforced with #4 rebar 12" OC
- Pour 42' of curbing
- Supply and set two new Bennett dual hose/dual product electronic dispensers with pulsers to work with fuel management system
- Supply and install new Veeder Root TLS 300 tank gauging system including:
 - TLS-300C console with printer
 - (2) in tank probes for level monitoring
 - (2) sump sensors for tank top piping sumps
 - (2) sump sensors for under dispenser sumps
 - (2) tank interstitial sensors
- Supply and install new FuelMaster 2500 Plus fuel management system including:
 - FuelMaster 2500 Plus fuel island terminal
 - (4) hose controllers
 - FuelMaster windows software
 - Up to 150 prokee's (Chip keys)

—Prokee encoder

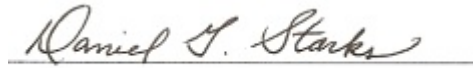
—Ethernet card

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Accurate Tank Construction
204 Poplar Place
North Aurora, IL 60542

Contact Person: Jason Reed
Phone: (630) 318-1813
Contractor Registration # IL002360 Exp. 8/28/2016

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