



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

<p align="center"><u>FOR OFFICE USE ONLY</u></p> <p>Facility # 2-045351 Permit # 00390-2013INS Request Rec'd 05/07/2013 Amended Date 07/03/2013 Approval Date 5/7/2013 JC Permit Expires 11/7/2013</p>
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Amended

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>(1) OWNER OF TANKS - Corporation, partnership, or other business entity: Gas N Wash, Inc. 17112 Point Dr. Orland Park, IL 60467 Contact: Len McEnergy (708) 805-2525</p>	<p>(2) FACILITY - name and address where tanks are located: Gas n Wash Southwest corner 53 and Laraway Rd. Joliet, Will Co., IL Contact:</p>
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** Tanks 4, 5, and 6 are part of one compartment tank. (TK # 1, 2, 3) - 20,000 gallons each, (TK # 4, 7) - 6,000 gallons each, (TK # 5) - 10,000 gallons, (TK # 6) - 5,000 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, 4, 5, 6) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX **to include manifolding of the piping just outside of the submersible sumps at tanks 1 and 2, and to also include remote fill piping for tanks 1, 2, and 7, (TK # 7) - (Installing) Flexible Single Wall Piping OmegaFlex DEF-Trac non-corrosive flexible stainless steel product piping, (TK # 7) - (Installing) Chase Secondary Containment OPW - 4" secondary chase piping**
- (d) **Product to be stored in each tank:** (TK # 1, 2) - Diesel Fuel, (TK # 3, 4, 6) - Gasoline, **(TK # 5) - E-85, (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 , (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Automatic Tank Gauging Veeder Root TLS 350
 - Piping:** (TK # 1, 2, 3, 4, 5, 6) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 **(DEF tank #7 will NOT have a line leak detector)** , (TK # 1, 2, 3, 4, 5, 6, 7) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 at all dispenser sumps and at all submersible sumps **(the remote fills for tanks 1, 2, and 7 will terminate at the submersible sumps for tanks 1, 2, and 7).**
- (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 **(TK #7 piping will be within fiberglass secondary chase piping) , (TK # 7) - (Installing) Flexible Non-Corrosive stainless steel product piping.**
- (g) **Spill containment devices, piping and dispenser containment devices:** **(TK # 1, 2, 7) - (Installing) Field Constructed** , (TK # 3, 4, 5, 6) - (Installing) Manhole Pre-manufactured OPW Edge 1C-3112D spill containment manhole
- (h) **Overfill prevention devices:** (TK # 1, 2, 3, 4, 5, 6) - (Installing) Overfill Drop Tube Valve OPW 71SO , **(TK # 1, 2, 7) - (Installing) Overfill Alarm Veeder Root TLS 350**

(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 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:** Amendment request was received 07/03/13 and is summarized as follows: (Tanks 1 and 2 will now have remote fills along with the remote fill for DEF tank 7. The overfill alarm for tank 7 will also have to be tied into the remote fills for tanks 1 and 2. The remote fills for tanks 1 and 2 are each over 20' long and must be double wall fiberglass construction. The vent lines and the product piping within the localized area of the tank field for tanks 1, 2, and 7 have changed configuration from what was originally proposed. There will be an oil / water separator line attached at the new field constructed spill containment basin for the remote fills of tanks 1, 2, and 7. The remote fill lines enter at the submersible sumps for tanks 1, 2, and 7 and therefore already has interstitial sensors proposed at those sumps. Inspector must verify adequate collision protection will be used for the field constructed spill containment for the remote fills for tanks 1, 2, and 7 per 175.405 and 175.445 with particular attention to 175.445(b)). The underground storage tank system for tank #5 must be compatible with E-85, 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 regarding storage and dispensing of alternative fuels. For future reference: DEF tank #7 cannot be converted to storing a regulated petroleum product unless the UST system meets all of the 175 rules regarding the storage and dispensing of petroleum products.

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

Anderson Pump Service, Inc.
19659 South 97th Avenue
Mokena, IL 60448

Contact Person: Hoyt Ary
Phone: (708) 478-6190 Ext. 231

Contractor Registration # IL-002275 Exp. 05/21/2014

Sincerely,



Jim Coffey

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