



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 # 2-045627
Permit # 00539-2014INS
Request Rec'd 06/11/2014
Amended Date
Approval Date 6/11/2014 DS
Permit Expires 12/11/2014

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: Costco Wholesale Corporation 999 Lake Drive Isaquah, WA 98027 Contact: Dennis Bock (425) 313-4725	(2) FACILITY - name and address where tanks are located: Costco #383 7220 Melvina Ave Niles, Cook Co., IL Contact:
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed:** (TK # 1, 2, 3) - 30,000 gallons, (TK # 4) - 1,500 gallons
- (b) Type of tanks:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Double Wall Containment Solutions
- (c) Type of piping:** (TK # 1, 2, 3, 4) - (Installing) Submersible Sumps containment FRP, (TK # 1, 2, 3, 4) - (Installing) Fiberglass Double Wall A.O. Smith product piping from submersibles on tanks 1,2,3 to all dispensers and also for remote fill pressurized piping from submersible at tank #4 to fill sumps for tanks 1,2,3. There will also be an above ground Healy Clean Air Separator installed for the tank vent riser rack, (TK # 1, 2, 3, 4) - (Installing) Dispenser Sumps containment FRP
- (d) Product to be stored in each tank:** (TK # 1, 2, 3) - Gasoline, (TK # 4) - Lubrizol - Fuel Additive
- (e) Type of leak detection being used:**
 - Tank:** (TK # 1, 2, 3, 4) - (Installing) Interstitial Monitoring Veeder Root TLS 350R , (TK # 1, 2, 3, 4) - (Installing) Automatic Tank Gauging Veeder Root TLS 350R with CSLD
 - Piping:** (TK # 1, 2, 3, 4) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350R in all submersible, all dispenser and in fill sumps for tanks 1,2,3 , (TK # 1, 2, 3) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350R , (TK # 4) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D
- (f) Corrosion Protection being used:**
 - Tank:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Non-Corrosive
 - Piping:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Non-Corrosive
- (g) Spill containment devices, piping and dispenser containment devices:** (TK # 1, 2, 3, 4) - (Installing) Manhole Pre-manufactured OPW 6521 EVRB , (TK # 1, 2, 3, 4) - (Installing) Manhole Pre-manufactured OPW 1C-2100C-DEVR
- (h) Overfill prevention devices:** (TK # 1, 2, 3, 4) - (Installing) Ball Float Vent Valve OPW 53VML , (TK # 1, 2, 3, 4) - (Installing) Overfill Alarm Veeder Root TLS 350R

- (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:**

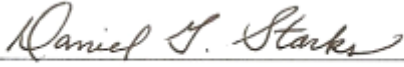
(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

Stenstrom Petroleum Services Group
2422 Center Street
Rockford, IL 61108

Contact Person: Marc Bourgault
Phone: (815) 398-6250

Contractor Registration # IL-1890 Exp. 03/07/2016

Sincerely,



Daniel Starks

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