



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL  
Division of Technical Services  
1035 Stevenson Drive  
Springfield, Illinois 62703-4259  
(217)524-7605

FOR OFFICE USE ONLY  
Facility # 2-039969  
Permit # 00643-2011INS  
Request Rec'd 07/18/2011  
Amended Date  
Approval Date 7/21/2011 JC  
Permit Expires 1/21/2012

**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.**

<b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:  Costco Wholesale Corporation 999 Lake Drive Isaquah, WA 98027  Contact: Dennis Bock (425) 313-6048	<b>(2) FACILITY</b> - name and address where tanks are located:  Costco 680 South Rand Street Lake Zurich, Lake Co., IL  Contact: Michael Rindl (847) 540-3053
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**(3) INSTALLATION OF TANKS:**

- (a) Number and size of tanks being installed:** (TK # 4) - 1,500 gallons
- (b) Type of tanks:** (TK # 4) - (Installing) Fiberglass Brine Filled Double Wall Containment Solutions
- (c) Type of piping:** (TK # 4) - (Installing) Fiberglass Double Wall A.O. Smith from the submersible to the other three submersible areas for tanks 1,2,3 only (this is essentially remote fill piping for this additive to the other three tanks).
- (d) Product to be stored in each tank:** (TK # 4) - Lubrizol - Fuel Additive
- (e) Type of leak detection being used:**
  - Tank:** (TK # 4) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 probe only. The existing console will be used for this new tank., (TK # 4) - (Installing) Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350
  - Piping:** (TK # 4) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D , (TK # 4) - (Installing) Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Position sensitive sensor at the submersible sump only (according to permit #00110-2001INS, there are existing sensors at the submersible sumps for tanks 1,2,3).
- (f) Corrosion Protection being used:**
  - Tank:** (TK # 4) - (Installing) Fiberglass Non-Corrosive
  - Piping:** (TK # 4) - (Installing) Fiberglass Non-Corrosive
- (g) Spill containment devices, piping and dispenser containment devices:**
- (h) Overfill prevention devices:**

- (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) 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:**

<b>(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u></b>          Contact Person: Hoyt Ary Phone: (708) 478-6190  Contractor Registration #    Exp.
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Sincerely,



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