



Office of the Illinois State Fire Marshal  
Division of Petroleum and Chemical Safety  
1035 Stevenson Drive  
Springfield, IL 62703  
2177851020

**Amended**

**FOR OFFICE USE ONLY**

Facility # 2041586  
Permit # 00859-2019INS  
Request Rec'd 04/29/2019  
Amended Date 06/11/2019 DS  
Approval Date 5/1/2019 DS  
Permit Expires 11/1/2019

**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><b>(1) <u>OWNER OF TANKS</u></b> - Corporation, partnership, or other business entity:</p> <p>Costco Wholesale Corporation P.O. Box 35005 Seattle, WA 98124</p> <p>Contact: Jay S.Grubb (206) 313-8100</p>	<p><b>(2) <u>FACILITY</u></b> - name and address where tanks are located:</p> <p>Costco Wholesale #342 1332 South Route 59 Naperville, IL 60564</p> <p>Contact: Sandra Delaquila (630) 328-2900</p>
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**(3) INSTALLATION OF TANKS:**

- (a) Number and size of tanks being installed: (TK # 5) - 30,000*
- (b) Type of tank(s): (TK # 5) Tank - Fiberglass Brine Filled Double Wall Containment Solutions*
- (c) Type of piping: (TK # 5) Piping - Flexible Double Wall OPW Flexworks from new tank to 5 new dispensers and also from the remote fill to the tank as shown in site drawing, (TK # 5) Piping - Chase Secondary Containment OPW AXP - 4" secondary chase piping, (TK # 5) Piping - Ball Valves, (TK # 5) Piping - Shear Valves, (TK # 5) Piping - Flex Connector Steel, (TK # 5) Piping - Single Wall STP/Tanktop Sump Containment Solutions Fiberglass*
- (d) Product to be stored in each tank: (TK # 5) - Gasoline - Premium*
- (e) Type of leak detection being used:*
  - Tank: (TK # 5) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus, (TK # 5) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 450 Plus*
  - Piping: (TK # 5) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 450 Plus, (TK # 5) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in remote fill sump, in submersible sump and in all dispenser sumps. NOTE: Sensors must shut down the submersible upon detection of a leak per 175.640 a) 1)*
- (f) Corrosion Protection being used:*
  - Tank: (TK # 5) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
  - Piping: (TK # 5) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) Spill containment devices, piping and dispenser containment devices: (TK # 5) Spill Contain Device - Single Wall Spill Bucket OPW FibreTite Multi-port*
- (h) Overfill prevention devices: (TK # 5) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-410C, (TK # 5) Overfill Prev Device - Overfill Alarm Veeder Root TLS 450plus*

**(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) 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 :**

Installing (1) 30,000 gallon tank. New TLS450Plus. (5) New dispenser, (5) OPW Flexwork  
Dispenser sumps and islands. Adding on to existing canopy. We will be applying for an upgrade permit  
for the work on the existing tanks. **NOTE: Please refer to our rules pertaining to remote fills,  
section 175.445 e) All remote fills installed after May 1, 2003 shall be double-wall and constructed of  
noncorrosive material**

**or cathodically protected, except for gravity flow waste oil.**

**f) After May 1, 2003, any new installation with a remote fill over 20 feet in length shall have interstitial  
monitoring and an audible**

**and visible overfill alarm. Remote fills shall be sloped back to the tank.**

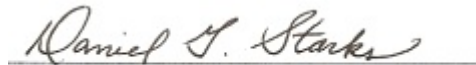
Redesign. New tank will be premium.

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

Stenstrom Petroleum Services Group  
2422 Center Street  
Rockford, IL 61108

Contact Person: Robert Stenstrom  
Phone: (815) 398-6250  
Contractor Registration # IL1890 Exp. 4/12/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File