**Section 174.320 Locating Bulk Facilities Adjacent to a Motor Fuel Dispensing Facility; Dual Purpose USTs**

a) Dispensing from a bulk tank into the tank of a motor vehicle is prohibited.

b) Bulk facilities (including any bulk storage, bulk plant or bulk load-out) located adjacent to or at a motor fuel dispensing facility shall be separated from public fuel dispensing areas by a fence or similar barrier from the area in which bulk operations are conducted.

c) Installations of piping to connect bulk storage to a UST at a motor fuel dispensing facility permitted prior to July 1, 1985 shall comply with 41 Ill. Adm. Code 160.15 and the following requirements:

1) Any alteration of a UST component at the bulk and motor fuel dispensing facilities shall require that UST component be upgraded to current design, operating and other technical requirements found in 41 Ill. Adm. Code 172, 174, 175 and 176.

2) Replacement of any UST piping shall require that all UST piping associated and interconnected with the bulk and motor fuel dispensing facilities and USTs be upgraded to current standards for new piping, including requirements for double-wall piping equipped with interstitial monitoring and all appropriate sumps (see 41 Ill. Adm. Code 172, 174, 175 and 176).

3) Replacement of underground storage tanks at bulk and motor fuel dispensing facilities shall require that the entire UST related to the tank replacement be upgraded to standards for newly installed USTs (see 41 Ill. Adm. Code 172, 174, 175 and 176).

d) Existing Dual Purpose USTs permitted after May 1, 2003. On or after May 1, 2003, connections between a single bulk load-out and a single UST at a motor fuel dispensing facility shall be allowed to remain if the UST and piping meets all technical standards at the time of installation. Existing dual purpose USTs shall have evidence of OSFM's written consent to operate.

e) New Installations of and New Conversions to Dual Purpose USTs. On and after September 1, 2010, requests to connect new and existing bulk load-outs to new or existing USTs located at motor fuel dispensing facilities must be reviewed and approved by OSFM, and shall be limited to a single underground storage tank connected to one or more dispensers and a bulk load-out at the same time. Approval from OSFM shall require an OSFM permit issued under 41 Ill. Adm. Code 175.300 prior to construction or installation and shall be contingent upon, and require compliance with, subsections (a), (b) and (c) and 41 Ill. Adm. Code 160, 172, 174, 175, 176, 177 and 180 and the following requirements:

1) All product piping extensions at the motor fuel dispensing facility shall be underground and be equipped with automatic line leak detectors (ALLDs) and meet all other release detection requirements for UST piping;

2) The UST connected to any bulk load-out shall be designed for the working pressures and volume of products to be transferred and for the specific use and location;

3) Individual tanks shall not be interconnected, siphoned or manifolded when serving as a dual purpose UST; e.g., a dual purpose UST may not at the same time be connected to any other tanks or USTs;

4) Product piping shall not be routed under buildings;

5) Dispensers from which retail sales to the public are made shall not be connected, directly or indirectly, to any tank for which the total of all compartments is over 30,000 gallons capacity;

6) General Requirement that Dual Purpose USTs Meet Requirements for Newly Installed USTs

A) Dual purpose USTs shall meet all design and other UST technical requirements for newly installed USTs, including:

i) design requirements for tanks and piping (see 41 Ill. Adm. Code 175.Subpart D and 176.430(f));

ii) corrosion protection (see 41 Ill. Adm. Code 175.Subpart E); and

iii) release detection that also includes all underground product piping extensions (see 41 Ill. Adm. Code 175.Subpart F);

B) Dual purpose USTs shall also be compatible with the product stored (see 41 Ill. Adm. Code 175.415), and meet all required setbacks and separation distances (see 41 Ill. Adm. Code 175.Subpart D). When an existing UST to be connected to a bulk load-out does not meet current requirements for newly installed USTs, the UST must be upgraded to standards for new installations at the time the connection to a bulk loadout is made;

7) Deliveries from the tank vehicle into vehicles at the motor fuel dispensing facility are prohibited;

8) The service station portion must comply with all requirements of 41 Ill. Adm. Code 172, 174, 175, 176, 177 and 180 applicable to service stations;

9) The bulk facility portion shall comply with all applicable requirements of this Subpart and 41 Ill. Adm. Code 160, 172, 174, 175, 176, 177 and 180;

10) An OSFM permit shall be obtained prior to connecting a new or existing bulk load-out to a new or existing UST at a motor fuel dispensing facility.

(Source: Amended at 47 Ill. Reg. 6801, effective May 2, 2023)