



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
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FOR OFFICE USE ONLY	
Facility #:	5028715
Permit #:	00110-2026ABN
Request Rec'd:	01/27/2026
Approval Date:	01/28/2026 DS
Permit Expires:	07/28/2026

Permit for ABANDONMENT-IN-PLACE of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances

Permission to abandon- in- place underground storage tank(s) or piping is hereby granted. Such abandonment 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 shall establish a date certain to perform the UST activity by shall establish a date certain to perform the UST activity by scheduling the permitted activity through their UST contractor portal account If the Storage Tank Safety Specialist (STSS) observes evidence of a release, the owner, operator or designated representative of the UST owner/operator must notify the Illinois Emergency Management Agency (IEMA). The incident number shall be given to the STSS prior to his/her leaving the site.

THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.

<p>OWNER OF TANKS - Corporation, partnership, or other business entity: Qik N EZ Properties, LLC 2026 Republic Springfield, IL 62702 Sangamon County Contact: Heather Hoffman 337/660-7749</p>	<p>FACILITY - name and address where tanks are located: Qik-N-EZ #71 430 North Grand Avenue East Springfield, IL 62702 Sangamon County 14-27.0-104-047 Contact: Heather Hoffman 217/753-4300</p>
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Tanks on the Permit

* A combination of inert fill material is not allowed. The listed inert fill material is only allowed to fill the abandoned tank.

Tank #	Capacity	Product	Fill Material *
10	4,000	E85	Tripolymer Foam

Explanation of Waiver for Abandonment

Abandonment in place of one 4,000 gallon E85 compartment of an overall 10,000gallon capacity UST and associated piping.

Location of Tanks Being Abandoned

Tank is located in an active tank field as shown in the site drawing.

Location of Piping Being Abandoned

Piping is located in an active trench, as shown in site plan.

Tripolymer Foam Information

Buoyancy Calculations

See Buoyancy Calculation files attached to the permit application.

A flotation and anchorage evaluation was performed in accordance with the Petroleum Equipment Institute Recommended Practice PEI/RP-100 for the proposed installation of a 10,000-gallon ACT-100 composite single-wall underground storage tank. The analysis considered a worst-case condition consisting of an empty tank with groundwater at or above the tank crown and fully saturated backfill. Buoyant force was calculated based on the external displacement volume of the tank and a unit weight of water of 62.4 pounds per cubic foot. Resisting forces were conservatively limited to the empty tank weight and the effective submerged weight of saturated pea gravel backfill above the tank. No credit was taken for stored product. A minimum factor of safety of 1.2 against flotation was applied in accordance with PEI/RP-100 and typical regulatory guidance.

Protections Against UST Flotation

Based on the results of the analysis, existing concrete ballast and anchorage ensures that the total resisting force exceeds the design buoyant force with the required factor of safety. It is assumed that the existing ballast system consists of reinforced concrete deadmen or a continuous concrete pad connected to the tank with manufacturer-approved anchor straps, and was installed in accordance with PEI/RP-100 and the tank manufacturer's installation requirements.

Special Contingencies

PERSON, FIRM OR COMPANY PERFORMING WORK:

RW Collins Company
7225 West 66th Street
Chicago, IL 60638

Contact Person: Lisa Kruse
Phone: 779/301-5966
Email: slucero@rwcollins.com
Contractor License # IL772 Exp. 2/9/2026

Sincerely,



Daniel Starks