



## CASE STUDY: Leinenkugel 10th Street Brewery



### Leinenkugel 10th Street Brewery

*Location:* Milwaukee, Wisconsin

*Project Consultant:* Systems Design Engineering, Inc.

*StormTank Distributor:* American Infrastructure, Inc.

*System:* Single Stack ST-36 Detention System

*Total Storage Volume:* 15,921.30 ft<sup>3</sup>

*Installation Date:* Summer 2017

Recently, the Leinenkugel plant in Milwaukee, Wisconsin, decided to take on a \$50 million expansion project for the 10th Street Brewery. The goal of the expansion was to enlarge both the brewhouse and the tank cellar, with the expectation of growing operations by ten-fold and multiplying the number of local jobs.

From the beginning, Leinekuigel knew which engineering firm to turn to: Systems Design Engineering, Inc. (SDEI). Having designed expansions for other breweries and been recognized by the MillerCoors company as a valued partner, SDEI was the clear choice for this project.

Similarly, SDEI knew the site plan would require significant stormwater storage and reached out to a trusted partner: Brentwood's StormTank team. Having worked together on previous projects, SDEI knew they could count on Brentwood for assistance with developing a stormwater management system

that would both fit within site constraints and meet the necessary storage requirements. The two companies collaborated to draft initial system design options for conceptual planning and quotations.

In addition, the StormTank team assisted the designer in locating an impermeable liner that would provide maximum storage capacity, while also supporting questions on how to illustrate and propose the liner on the land development plans. Brentwood's responsiveness allowed SDEI to develop a site plan that would go from concept to full-on installation in less than one year.

Through StormTank's national network of manufacturer's representatives and distributors, a local contact was provided for contractors bidding the project. American Infrastructure, Inc., sold the material and assisted with the StormTank Module system installation by providing on-site support during the construction phase. Brentwood's in-house technical team also worked with the distributor and the engineer to evaluate potential construction loads and ensure they did not exceed system capacity.

Successfully installed in August 2017, the StormTank Module system offered a large amount of void space and load-bearing capacity to support the Leinenkugel expansion and kept the project on track. These features ultimately enabled the brewer to expand operations and meet growing demands... Cheers!



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