

REDEFINING URBAN LIVING

SMART DRAINAGE SOLUTIONS FOR A THRIVING COMMUNITY

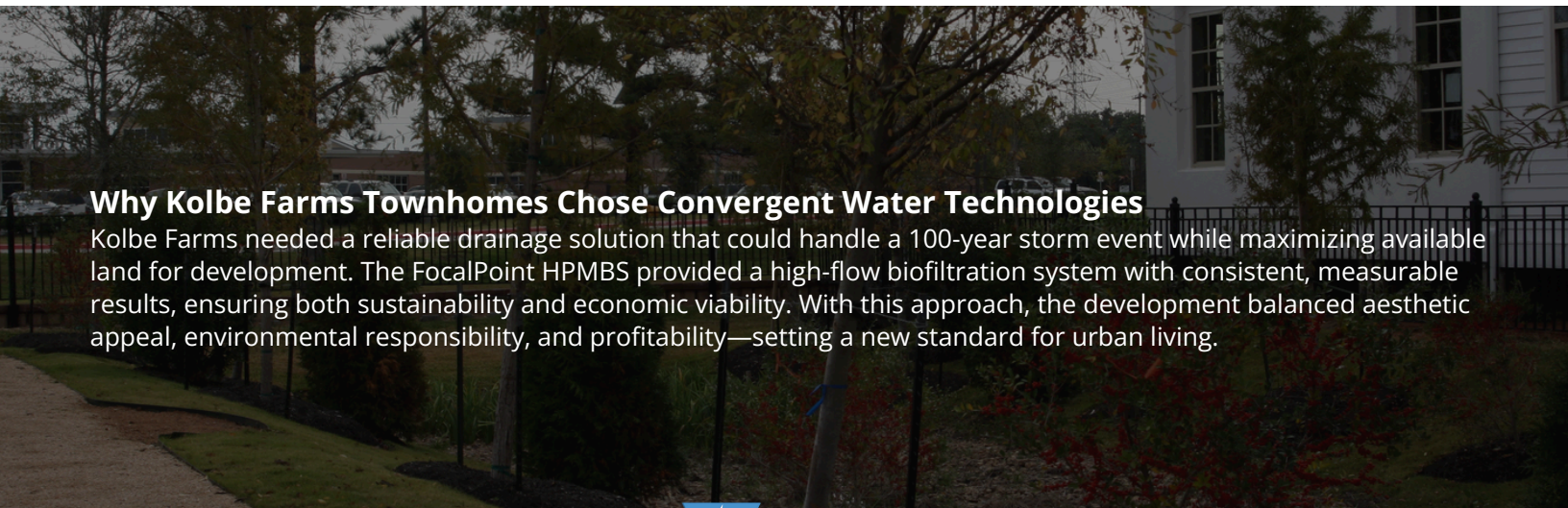
Project Details

Kolbe Farms Townhomes, an environmentally conscious development by InTown Homes, was inspired by the 2010 Houston Land/Water Sustainability Forum's Low Impact Development (LID) Design Competition. The competition showcased how LID techniques could reduce flash flooding, improve water quality, and provide economic benefits. Frank Liu, President of InTown Homes, was so impressed that he hired EHRA, Inc., the winner of the residential property design challenge, to incorporate LID principles into his townhome development.



What Convergent Water Technologies Provided

EHRA's site plan leveraged LID techniques, such as porous pavers and the FocalPoint High Performance Modular Biofiltration System (HPMBS), to reduce detention requirements. This innovative approach nearly eliminated the need for a detention pond, allowing for three additional lots—an increase of 15% more homes. Convergent Water Technologies' FocalPoint HPMBS played a crucial role in achieving this efficiency, offering a high-performance, space-saving biofiltration solution that enhanced drainage and stormwater management.



Why Kolbe Farms Townhomes Chose Convergent Water Technologies

Kolbe Farms needed a reliable drainage solution that could handle a 100-year storm event while maximizing available land for development. The FocalPoint HPMBS provided a high-flow biofiltration system with consistent, measurable results, ensuring both sustainability and economic viability. With this approach, the development balanced aesthetic appeal, environmental responsibility, and profitability—setting a new standard for urban living.



Distributed by Convergent Water Technologies

Convergent has decades of experience in developing and delivering problem solving stormwater innovations. Convergent believes that adopting new ideas quickly, and integrating the process of innovation into stormwater regulation, product development and distribution is the only answer to our looming water crisis.

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