

Day Two - Track Two

Thursday, March 22nd, 2018

2:00 p.m. – 2:30 p.m.

Green Medical Campus: 10 Year Post Occupancy Perspective

Presenter: Kevin Biehn, Emmons & Olivier Resources, Inc.

Biography



Kevin Biehn was raised on a dairy farm and educated as a landscape architect. Kevin has a fervent interest in our water, soil and the life and sense of place they support. The focus of his nearly 20 year career has been on water-centric projects, which has afforded him the opportunity to exercise his analytical and artistic sensibilities in the assessment and rehabilitation of landscapes. He is a partner with Emmons and Olivier Resources, a Twin-Cities based environmental consulting firm.

Abstract

The Amery Medical Center opened a new western Wisconsin facility in 2007. The hospital set out to promote human health and wellness through an ecologically enhancing and engaging environment. The resulting landscape has created a synergy between the hospital, the adjacent Apple River and the greater Amery community. The project has served as a regional precedent for LID and many green infrastructure components including ½ acre green roof, porous pavement and bioretention. This presentation will touch on the key development storylines including cost, modeled performance and construction sequencing. The balance of the talk will focus on the performance of the LID design 10-years post occupancy. Data on monitored performance and maintenance cost will be discussed along with insights from the owner, staff, patients and the community.

Learning Objectives

1. Client and public perception of green infrastructure pre and post occupancy and the design particulars that lead tenants to endorse, disregard and reject various stormwater management BMPs;
2. Executing a green infrastructure plan in a region without precedent; and
3. Explanation of how well the project matched users' needs, and identification of ways to improve performance and acceptance.