

Expert Witness and Forensics Investigation for Litigation Projects

Year: 2009 to Current

Project Manager: Raymond H. Frankenberg

BFA provided Expert Witness and Forensics Investigation for Litigation Projects. Mr. Frankenberg has been on the stand and testified as a Expert Witness on several cases. If the project does not go to a jury trial BFA support the attorneys and their team until the case is settled.

Raymond H. Frankenberg's Biography

Mr. Frankenberg is the current President of BFA, Inc. He is a licensed Professional Engineer in 29 states and a Professional Surveyor in 5 states. He also holds credentials for Certified Floodplain Manager (CFM); Certified Erosion, Sediment, and Storm Water Inspector (CESSWI); and Certified Professional in Erosion and Sediment Control (CPESC).

Mr. Frankenberg's Stormwater experience stretches from piping and detention designs in the 1980's through bio-retention, infiltration, and water quality treatment designs of today. His projects range from hard armor rip-rap lined channels to well-landscaped, manicured bio-infiltration swales and rain gardens. Because of his experience and broad knowledge, he is asked to provide expert testimony for cases involving Stormwater runoff – learning much about the “what if” scenarios that can arise from improperly handled Stormwater. With this experience in mind, his designs for erosion control, sediment control, infiltration, and treatment facilities emphasize handling flows without damage and educating owners about the design and required maintenance.

Mr. Frankenberg began doing stormwater piping and detention calculations for shopping centers, industrial parks, and residential developments in 1982.

Since 1982, he has designed or supervised the design on over 250 stormwater projects.

In 2000 Mr. Frankenberg began working on stormwater projects wherein the total impacts of the stormwater were evaluated in order to, not only minimize the effects of the flow rate (as with typical detention), but also to minimize the impacts of increased sediment, volume, and duration of flow.

In 2003 Mr. Frankenberg received his certificate as a Certified Floodplain Manager (CFM) and pursuant to that certificate, served as the Floodplain Manager for the City of Hermann, MO and on various projects, constructed within floodplains throughout the Midwest. He is currently a President on the Board of the Missouri Floodplain & Stormwater Managers Association (MfSMA).

In 2005 Mr. Frankenberg became a Certified Professional in Erosion and Sediment Control (CPESC). This is a stormwater certificate regarding the handling of stormwater to minimize the impacts of rain fall and stormwater runoff on the surrounding environment.

In 2007 Mr. Frankenberg began giving courses explaining the evolving techniques of stormwater handling and how to control the impacts of stormwater on the surrounding environment and downstream lakes, stream, and storm systems. Mr. Frankenberg received his certificate as a Certified Erosion Sediment and Storm Water Inspector (CESSWI) in 2007.

This list a few of the projects BFA has worked on over the last several years.

Walls:

- Lawrence, KS
- Maple Wood, MO Sam's
- Rapid City, SD Sam's
- Danville, VA Sam's
- Millard/Omaha Sam's Wall
- Washington, MO Walmart, Block & Gabion Repair
- Maple Wood, MO Lowe's
- Washington, MO Target
- Rolla, MO Lowe's

- Washington, MO Applebee's
- Hollister, MO Lowe's
- Festus, MO Lowe's
- Monett, MO Lowe's

Storm Water & Stream:

- Jackson, MI Walmart
- Washington, MO SW Branch
- Janesville, WI Walmart Infiltration Basin Failure
- Aurora, IN WM Stream Relocation

- Crystal Lake II WM Infiltration Failure
- Sinclair Farm/Dry Fork Creek Bank Stabilization
- Loch Lloyd Lake, MO
- St Robert, MO Walmart Erosion Control
- Sam's Home Office Filtration and Native Plantings
- Minocqua, WI infiltration/wetland
- Washington, MO Walmart
- Wetland Mitigation & Riparian Habitat