

## Silver Corporate Member Erosion Tech

*Forwarded by Sue Ann Lynes, Corporate Membership*

Tom Carpenter owns and operates three environmental-related businesses in central Iowa: Carpenter Erosion Control, a full-service E&SC contractor primarily working on commercial and residential developments; Storm Water Consultants, Inc., a storm water site-inspection and SWPPP management company; and Erosion Tech LLC, a marketing company for ScourStop transition mats.

Carpenter Erosion Control was started after Tom Carpenter invented the Tommy Silt Fence Machine to properly install silt fence. From there, he earned the credentials Certified Professional in Erosion and Sediment Control, wrote the book *Silt Fence That Works*, implemented new installation parameters for effective silt fence installation now used in many manuals around the country, and became known as an expert on sediment control. Carpenter Erosion Control uses progressive BMPs to control E&SC on construction sites and protect the environment.

Storm Water Consultants evolved after the EPA came to the Des Moines area and required proper SWPPPs and inspections on all Phase II sites. Carpenter had been doing inspections for several years, and in fact, none of his clients was fined by the EPA. Now, Storm Water Consultants has five inspectors and two administrative people writing and managing SWPPPs on over 200 sites in central Iowa.

Erosion Tech LLC was recently created to market ScourStop transition mats (also invented by Carpenter), a no-maintenance post-construction BMP that replaces rock rip rap. The mats mechanically protect the soil while integrating the benefits of vegetation. They fit well into NPDES Phase II requirements for minimal maintenance post-construction BMPs and vegetated storm water conveyances, enabling pollutant filtration and ground water recharge, as well as great support for bio-retention BMPs.

Carpenter has supported SWCS since he joined the industry in 1996, and is committed to improving the effectiveness of BMPs that directly impact proper erosion and sediment control, for maximum pollution reduction and prevention.



*Tom Carpenter, Erosion Tech*

The SWCS is pleased to have Erosion Tech as a Silver Corporate Member.

