

In This Issue

[Updated Website](#)

[New Employee](#)

[Site Evaluation for
SW Infiltration](#)



[Click here](#) to connect to our website and learn more about Davel Engineering.

[Join Our Mailing List!](#)

Dear Mary,

Message from the President:

Is spring finally upon us? It looks like it's going to be a busy year. As always; we are striving to stay current with all the new rules and procedures coming from the regulators that affect your (and our) business.

Last week Governor Walker signed Senate Bill 459, which makes some positive changes to how we permit activities near wetlands and navigable streams.

For more information on the bill, follow this link:

<http://docs.legis.wisconsin.gov/2015/proposals/sb459>.

I am hoping that the momentum started with the passage of this bill continues and that our efforts from last fall to make some substantial changes to how wetland disturbances are permitted will eventually pay off.

Please keep in mind, that as of June of this year, the WDNR will require wetland delineations for all projects where potential wetlands are indicated by hydric soil mapping, close contour depressions, or indicators from aerial images.

As always, we thank you for your business and we hope that you find our newsletter informative.

John R. Davel, P.E.

President

Updated Website

We welcome you to visit our new and improved website at www.davel.pro As you browse through each area you may find valuable information needed for your upcoming project.

The website provides information on our services, customer testimonials, some of our projects and frequently asked questions, plus more.

New Employee

Scott Andersen, Scott's job is to conduct field and office work to establish property boundaries for both commercial and residential situations based on recorded documents. In addition, Scott collects and establishes vertical and horizontal information for engineering based projects.

In 2008, Scott received an Associate Degree in Land Surveying from Nicolet Area Technical College in Rhinelander, WI and has been continuing to learn the skills associated with land surveying.

"Every project is like a puzzle, I enjoy taking all of my skills and implying them in to each project to maintain a great degree of accuracy. With the benefits of having up-to-date GPS and robotic surveying equipment, we are able to support our data and provide accurate information to our clients."



Site Evaluation for Storm Water Infiltration

By Travis A. Stuck, C.S.T., P.W.S

Our newsletter from April 2015 included a section by Tim Wittmann, "Storm Water Regulation Trends". Tim discussed the Town of Greenville and how they are implementing volume reduction with infiltration practices.

In March 2014 the DNR came out with a guidance document, Meeting Infiltration Performance Standard of Ch. NR 151, Wis. Adm. Code. Essentially this document is to provide guidance to help ensure requirements found in statute or administrative rules are met. Since the time of the guidance and in particular, very recently, the Department of Natural Resources (DNR) is now expecting further evaluation for suitability of a site for infiltration.

The Fox Valley and Northeast Wisconsin generally have heavy red clay soils that are poorly suited for infiltration. Until recently most sites that require storm water management, whether due to NR 151 or town standards, are exempt from infiltration requirements due to clayey texture, thus infiltration is generally not required. Or, infiltration cannot be conducted (prohibited) due to lack of separation between the surface and groundwater.

However; as of late, the DNR is requiring that engineers consider separation between proposed surface grades and existing groundwater elevations to determine if there is or will be adequate separation distance for inclusion of infiltration devices.

Remember construction sites must meet DNR and or local performance standards for infiltration of runoff, thus the site screening for potential storm water infiltration is likely required on your site. The DNR is now requiring, in many cases, more comprehensive evaluation of the sites, which frequently entails more and deeper test pits on sites that are not initially excluded due to proximity to remediation sites, wetlands, infill, etc. That being said, further evaluation and costs should be expected as part of the site evaluations for infiltration purposes.

I hope this important news update is relevant to your business. If you'd like to learn more information about our firm or services, please give me a call at 920-560-6563, or visit our website at www.davel.pro.

Sincerely,

John Davel
Davel Engineering & Environmental

Davel Engineering & Environmental, Inc.
Civil Engineering & Land Surveying
1811 Racine Street, Menasha, WI 54952
Ph 920-991-1866 Fax 920-830-9595