



# RR REPORT

Important Updates from the DNR Remediation and Redevelopment Program

November 13, 2015

## November 18, 2015: *Issues & Trends* Presentation— Improved LNAPL Evaluation

David Swimm, a Hydrogeologist with the Wisconsin DNR, will lead a discussion on the use of laser induced fluorescence (LIF) survey data to integrate NAPL distributions with geologic data. This presentation is the latest offering in the Remediation & Redevelopment Program's year-long *Issues & Trends* series.

Swimm will demonstrate that the resulting image reflects a resolution not capable with conventional borings and wells, and provides the ability to define NAPL micro traps. This in turn allows for better NAPL assessments, remedial alternative considerations, and placement of remedial wells.

Date: November 18, 2015

Time: noon - 1 p.m.

Join by phone: 1-855-947-8255, passcode: 6612 745#

Questions in advance can be sent to [DNRRRComments@wisconsin.gov](mailto:DNRRRComments@wisconsin.gov)

The presentation and related materials for this teleconference will be available on the [RR Program Training Page](#). You can also find a schedule of future *Issues & Trends* events in the [Training Library](#) as well as recordings of previous sessions. The audio will be available in the library shortly after the conclusion of the teleconference.

## Take It on the Run: RR Sites Map Goes Mobile

The RR Program has recently launched a mobile-ready RR Sites Map application. The [RR Sites Mobile application](#) is based on technology that can be used on both desktop and mobile devices. We created RR Sites Map Mobile because the plugin tool (Silverlight) required to run the current version of RR Sites Map for the desktop does not work on most mobile devices. The new mobile application will allow users to access remediation and redevelopment site data while in the field with handheld and tablet devices. For example, users will be able to zoom into area to find site locations and data or simply use the “find me” or “follow me” tools to instantly zoom to their location. The application will also track them as they walk or drive through an area.

Depending on the size of the device you're using, the mobile application will provide you with a variety of tools. Larger devices such as desktops and tablets will have offer more user tools than smartphones simply because of the screen size. The most commonly used tools are available across all devices.

The new RR Sites Mobile desktop and tablet version doesn't yet have all the same functionality as the older version with Silverlight because the mobile application is relatively new technology. It is expected that in the coming year most of the same tools will be available in the mobile version.

Additional updates we hope to launch in early 2016 include updated base maps with more recent aerial photography, the addition of 1990's aerial photography, and separate base maps for hydrology and administrative boundaries. We anticipate retiring the current desktop version of RR Sites Map (with Silverlight) next summer.

Check out the [Contaminated Lands Environmental Action Network \(CLEAN\) webpage](#) for more information about RR Sites Map.

### **Wisconsin's Brownfields Study Group Honored at National Conference**

The Wisconsin [Brownfields Study Group](#) was recognized by the US EPA Region 5 brownfields office at an open house held during the national Brownfields Conference September 1, 2015 in Chicago. Region 5 Brownfields Director Joe Dufficy presented a plaque and thanked the Study Group for its innovated partnership approach to statewide brownfields policy development. Since 1998, the stakeholder group has helped develop, evaluate, and promote the cleanup and redevelopment of brownfields throughout Wisconsin. Study Group co-chairs David Misky (left - Redevelopment Authority of the City of Milwaukee) and Mark Thimke (right - Foley & Lardner, LLP), along with member Scott Wilson (center - Ayres Associates), were on hand to accept the award.



### **FY 2015 RR Program Successes and Accomplishments Summarized in Latest Report**

The RR Program's year-end report that details work accomplished under one of its federal grants is now available. The [128\(a\) Grant Accomplishments Report](#) covers the period from September 1, 2014 to August 31, 2015 and highlights a long list of successful redevelopments and other accomplishments during that time. Since 2003, the RR Program has consistently and efficiently utilized this fund under a cooperative agreement with the US Environmental Protection Agency to enhance state efforts with brownfields cleanup and redevelopment. Previous reports can be found on the [Brownfields Program webpage](#).

### **Reminder: EPA Brownfields Grants Applications Due December 18**

Application materials for the [US EPA's federal brownfields grants](#) are now available, with applications due December 18, 2015. These federal grants are available to local governments and non-profit organizations for the assessment and cleanup of brownfields.

The EPA has also prepared a document that [highlights changes to this year's grants program](#).

A helpful [video](#) on how to prepare a successful application was recorded by DNR, EPA and Kansas State University's Technical Assistance for Brownfields Communities (TAB) program in 2014. The bookmarks along the progress bar can guide you to a particular section.

Additional resources on the application process are also available from [TAB](#).

Contact [Lis Olson](#), 608-267-0543, for assistance with obtaining a DNR acknowledgement letter or visit our [EPA Grants](#) page for more information.

### **RR Program RCL Calculator Updated**

The Wisconsin DNR updated the numerical soil standards, or residual contaminant levels (RCLs), in the Remediation and Redevelopment program's spreadsheet of RCLs to reflect the US EPA June 2015 update to its Regional Screening Level (RSL) website. The [RR Program created a document \(RR-052b\)](#) that provides a summary of the updates incorporated in the July 2015 spreadsheet. There were no changes made to the groundwater RCLs, but there are many changes in the industrial and non-industrial direct contact (DC) RCLs worksheets.

For more information and to access the RCL calculator (macro and non-macro versions), visit the [Resources for Environmental Professionals webpage](#) and click on the Soil RCLs tab.

### **Three Bridges Park Receives 2015 Brownfield Renewal Award**

Three Bridges Park, located in Milwaukee's Menomonee Valley, is one of three recipients of the 2015 Brownfield Renewal Award in the social impact category. The park extends about 10 city blocks between active rail lines and the Menomonee River. This former 24-acre rail yard, with its eroding banks along the Menomonee River, attracted trespassers which lead to graffiti and illegal dumping. More than 100 years ago the Milwaukee Road created this parcel by filling in the wetland with construction debris and industrial waste. Deposits of petroleum-related and chlorinated volatile organic compounds, polyaromatic hydrocarbons, and metals were found likely as a result of rail operations.

This former brownfield was the barrier between the redeveloped part of the Menomonee Valley and the Hank Aaron State Trail. The cleanup of this site and the opening of Three Bridges Park in July 2013 resulted in creating a recreational green space for the nearby densely populated neighborhoods to enjoy.

For more information about the Three Bridges Park Brownfield Renewal Award, go to <http://www.redevelopmentreuse.com/projects/Three-Bridges-Park/246>.

### **New/Revised RR Program Document Finalized**

[RR-991, Compliance Averaging of Soil Contaminant Concentration Data under CH. NR 720, Wis. Admin. Code](#), has been finalized and now available. To see the author's responses to each of the comments regarding this guidance please visit the [DNR program guidance webpage](#).

Contact [Resty Pelayo](#), 608-267-3539 with any questions about this document.

## RR Program Staff Updates

**Jenny Dorman, PECFA Environmental Program Associate** – Jenny joins the Southeast Region RR Program and is working part time out of the Milwaukee office. She recently graduated with a B.A. from Carthage College with a double major in Environmental Science and Geography.

**Molly Schmidt, Brownfields Policy Analyst** – Molly is working on an array of brownfields policy issues including but not limited to lender liability, the Vapor Intrusion Prevention Partnership Initiative and brownfields redevelopment economic metrics. Previously, she worked for the Hawaii Department of Land and Natural Resources for a little over eight years as part of the state's conservation land acquisition grant program. She has a J.D. from the University of Hawaii at Manoa School of Law, where she studied Environmental Law, and has a B.A. in Journalism and a Certificate in Environmental Studies from the University of Wisconsin-Madison.

## Upcoming ITRC Training

December 3 - [Issues and Options in Human Health Risk Assessment – A Resource When Alternatives to Default Parameters and Scenarios are Proposed](#)

December 4 - [Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management](#)

December 7 - [Biochemical Reactors for Mining-Influenced Water](#)

December 8 - [Groundwater Statistics for Environmental Project Managers](#)

December 9 - [Integrated DNAPL Site Characterization](#)