



**ENVIRONMENTAL &
WATER RESOURCES
INSTITUTE**



Environmental Risk Assessment Seminar

The ASCE IL Section Environmental Engineering and Water Resources Institute (EWRI) and ASTM International are hosting a 2-day seminar on Risk-Based Corrective Action (RBCA) for Petroleum Release Sites.

The risk-based corrective action (RBCA) process provides the methods and procedures for calculating risk and exposure associated with impacted soil and groundwater. ASTM's RBCA equations are the basis for the environmental risk assessment rules for several states, including Illinois' Tiered Approach to Corrective Action Objectives (TACO). This course includes technical policy decisions, developing a site conceptual model, screening level development, and a review of the relationship between site assessment, risk assessment, and corrective action activities within the RBCA framework.

The course is designed to provide environmental engineers, scientists, and other professionals with an understanding of the general risk procedures as well as the specifics of the toxicology and exposure mechanisms (i.e. fate and transport) implicit in determining environmental risk for petroleum release sites, which is also applicable to other chemical release sites. For the course outline, see webpage <https://www.astm.org/TRAIN/filtrexx40.cgi?-P+ID+11+traindetail.frm>

This course will be presented by Shawn Sager, an ASTM-certified instructor from Arcadis. The topics will include both RBCA and TACO risk assessment topics, including vapor intrusion.

Date: **May 10 and 11 (Wed. and Thurs.), 2017**
Location: 200 South Michigan Ave.
Suite 2000 (Arcadis office)
Chicago, IL 60604

Course includes two days of instruction from approximately 8:30 am to 5:00 pm, training manual and a copy of ASTM E1739 'Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites'. **Professional Development Hours certificates will be provided (14 PDH)**. Includes breakfast items and lunch on both days.

Cost: \$1200 – ASCE members
\$1300 – non-members

Contact Rachael Berthiaume at rberthiaume@v3co.com or 630.729.6562 for more information.

To register and make payment by **CREDIT CARD** please visit our online signup page at: <https://www.123signup.com/register?id=nrzhq>

To pay by CHECK, see form below.

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**RBCA Course Registration
Form (for paying by check)**

Send Registration and Payment by

May 1, 2017 to:

Rachael Berthiaume

V3 Companies

308 W. Erie St.

Ste. 400

Chicago, IL 60654

Name: _____

Company: _____

Address: _____

Phone: _____

E-mail: _____

ASCE member: \$1200

Non-ASCE member: \$1300

ASCE member? (yes / no)

Make checks payable to: IL-ASCE EWRI