



ITRC Publishes Pump-and-Treat Optimization Guidance

In June 2023, the Interstate Technology Regulatory Council published Performance-Based Optimization of Pump & Treat Systems. Among other things, the guidance demonstrates the mutually beneficial relationship between optimization, sustainability, and resilience by showing how to integrate these concepts during design, operations, or site closeout. A special shout out to the following SURFers who helped develop the guidance: Paul Favara (Past SURF President; Jacobs), Jessica Gattenby (ARCADIS), Dianne Kaminsky (SURF Sponsor; Burns & McDonnell), Ira May (SURF At-Large Trustee; Maryland Department of Environment), and Rick Wice (Past SURF At-Large Trustee; Battelle). Training on the guidance will be held on September 21, 2023 (see Upcoming Events). Click [here](#) to access the guidance.



Dive In! Revised “Waters of the United States” Definition

On September 8, 2023, the EPA and U.S. Army Corps of Engineers issued a new final rule, Revised Definition of “Waters of the United States,” which sets forth Federal permitting requirements for a waterway or wetland that meets the definition of a “water of the United States.” The rule was revised to conform with the U.S. Supreme Court’s May 25, 2023 ruling in *Sackett v. EPA* which, among other things, determined that the significant nexus standard was “inconsistent with the text and structure of the [Clean Water Act].” The new rule changes the definition of “adjacent” to “having a continuous surface connection” and eliminates the notion of “interstate wetlands.” For more information, click [here](#).



Did You Know? EPA Clarifies Free Product Removal in UST Regulation

It's been 35 years since 40 CFR 280.64 was promulgated, setting Federal requirements for free product removal from underground storage tanks (USTs). Since its promulgation, much has been learned about how petroleum moves and behaves in subsurface environments. In February 2023, the EPA published UST Technical Compendium: Release Investigation, Confirmation, and Corrective Action. In the communication, the EPA reiterates the objective of 40 CFR 280.64 (i.e., to remove free product to prevent migration) and recognizes that definitions of "free product" have evolved. This recognition is an acknowledgement that not all underground free products are capable of migrating; therefore, the regulation does not require the removal of all measurable free products. To read the communication, click [here](#).

Upcoming Events

SURF Events

SURF Membership Meeting @ AEHS East Coast Conference

Tuesday, October 17, 2023

3:30 p.m. – 5 p.m. EDT

Click [here](#) to register for the conference.

Conferences

ITRC Webinar: Pump-and-Treat Optimization

Thursday, September 21, 2023

1:00 p.m. - 3:15 p.m. EDT

Click [here](#) for more information or to register.

4th California Land Recycling Conference: People, Partnerships, and Progress

September 26-28, 2023

Carson, CA

Click [here](#) for more information or to register.

SustRem 2023: 8th International Sustainable Remediation Conference

October 10-13, 2023

Melbourne, Australia

Click [here](#) for more information or to register.

AEHS East Coast Conference: 39th Annual International Conference on Soils, Sediments, Water, and Energy

October 16-19, 2023

Amherst, MA

Click [here](#) for more information or to register.

Society of American Military Engineers Webinar: NEON – Data and Infrastructure to Understand Changing Ecosystems

Wednesday, October 18, 2023

12:00 p.m. -1:00 p.m. EDT

Click [here](#) for more information or to register.

Grant Notice

California DTSC Equitable Communities Revitalization Grant

Applications Accepted: August 14 - October 9, 2023

\$85 million available to fund assessment, investigation, and cleanup of sites in

California communities with high levels of pollution and poverty.

Click [here](#) for more information or to register.