

CETCO to Launch Free Webinar on PFAS Treatment Solutions

BETHLEHEM, PA - May 28, 2020 - CETCO is pleased to announce that it will be hosting a free online webinar, in collaboration with the Colorado School of Mines, entitled “Exploring PFAS Treatment Solutions and their Efficacy: Comparing FLUORO-SORB® Adsorbent, Granular Activated Carbon, and Ion Exchange Resin” on Thursday, June 18th at 9:00 a.m. EDT/2:00 p.m. BST.

Access to clean drinking water is a growing global concern. Attention has turned to PFAS (per-and polyfluoroalkyl substances), which are ubiquitous man-made chemicals known for their danger to human health. Michael Donovan, PhD, Global R&D Director for CETCO, and Christopher Bellona, PhD, Associate Professor at the Colorado School of Mines, will lead the discussion regarding various PFAS treatment solutions and their efficacy when treating drinking water, groundwater, or soil. The webinar will also share results from university-led research and field pilot studies on various treatment solutions, including [FLUORO-SORB® adsorbent](#), a proprietary NSF-certified adsorption media developed by CETCO that was launched commercially last year. The product has been deployed across a variety of remediation projects and is being tested in several field trials with customers. In a [recent column testing study](#) by the Colorado School of Mines, FLUORO-SORB® adsorbent was proven to be 3-4 times more effective than Granular Activated Carbon in removing PFAS from groundwater.

In addition to sharing a detailed overview of FLUORO-SORB® adsorbent, the following topics will also be covered:

- PFAS and Current Treatment Options: Ion Exchange Resins, Granular Activated Carbon, etc.
- Drinking Water Treatment: Research conducted by Colorado School of Mines and results from a field study conducted by the Orange County, California Water District
- Soil and Groundwater Treatment: Research conducted by McGill University
- Source Zone Treatment and Stabilization: Research conducted by the University of Texas – Austin and results from a field study conducted by Arcadis

About the Panelists

Michael Donovan, PhD, currently manages the global research and development of innovative building materials, environmental products, and construction drilling products for CETCO, a wholly owned subsidiary of Mineral Technologies Incorporated (MTI). Donovan has 11 issued patents and has been the primary author of five peer reviewed journals.

Associate Professor of Civil and Environmental Engineering at the Colorado School of Mines, Christopher Bellona, PhD, has devoted much of his research on technologies for water and

wastewater treatment, water reuse, and remediation, including the removal of organic contaminants from water and wastewater using advanced treatment processes. Bellona has been a full-time faculty member with the Colorado School of Mines since 2015.

Registering for Webinar

Those interested in attending in this informative webinar can reserve a spot at the following link: <https://www.crowdcast.io/e/exploring-pfas-treatment/register>.

About FLUORO-SORB® adsorbent

FLUORO-SORB® adsorbent is a proprietary, NSF-certified adsorption media that effectively treats a broad spectrum of PFAS. It resists competitive adsorption from co-contaminants typically found in water and sediment and can be deployed in a variety of remediation strategies.

FLUORO-SORB® adsorbent can be used as a flow-through filtration media for drinking and groundwater, either on its own or as a pre- or post-treatment in connection with your existing water treatment trains. Due to its higher sorption capacity and kinetics, FLUORO-SORB® adsorbent requires fewer change-outs than other treatment media, resulting in a positive impact on operational costs and lower disposal costs for spent media.

FLUORO-SORB® adsorbent can also be used to control the source and stop the contamination from spreading, either for In Situ Stabilization and Solidification (ISS) or as a Permeable Reactive Barrier (PRB). Finally, it can be used within a CETCO [REACTIVE CORE MAT®](#) composite geotextile mat for sediment capping.

Manufactured in the United States, FLUORO-SORB® adsorbent is commercially available in three granule sizes in four custom blends. For more information or to obtain a sample for a laboratory treatability study, visit www.cetco.com or contact cetco@mineralstech.com.

About PFAS

PFAS have been integrated into dozens of industry and consumer products over the past 60 years, including non-stick cookware, clothing materials, carpets, firefighting foams and various other products designed to resist grease, water and oil. During the production and use of products that contain PFAS, the chemicals become absorbed into soil and water. The strong carbon-fluorine chemical bond prevents their breakdown in nature, eventually allowing it to enter the food chain.

About CETCO

A subsidiary of Minerals Technologies Inc., CETCO is a construction technologies company based in Bethlehem, Pennsylvania. Offering solutions for commercial, industrial and infrastructure construction challenges worldwide, CETCO provides expertise in transforming minerals and polymers into technologies that improve productivity and performance. This includes leading the industry in environmental solutions for containment and remediation of pollutants, including groundwater treatment, solidification and stabilization, and sediment remediation.

About Minerals Technologies Inc.

New York-based Minerals Technologies Inc. (MTI) is a global resource- and technology-based company that develops, produces and markets a broad range of specialty mineral, mineral-based and synthetic mineral products and related systems and services. MTI serves the paper, foundry, steel, construction, environmental, energy, polymer and consumer products industries. The company reported sales of \$1.8 billion in 2019. For more information visit www.mineralstech.com.

Product Link

<https://www.mineralstech.com/business-segments/performance-materials/cetco/environmental-products/products/fluoro-sorb>

FLUORO-SORB® YouTube Video

<https://www.youtube.com/watch?v=HGKawPAMULA>

Website

<http://www.cetco.com>

Social Media

<https://www.facebook.com/cetco.mti>

https://www.twitter.com/cetco_mti

<https://www.linkedin.com/company/cetco>

https://www.youtube.com/channel/UCNTQ88nSZT_5S9EA_RppqYg