



2,000+
Employees

70+ offices
across the
US, Canada &
Australia

Headquarters:
Orange County,
CA, USA

The Future of Environmental Solutions



Bank of America PFAS Investor Summit

June 15, 2021

About Montrose Environmental

Integrated Environmental Solutions

- Publicly traded (NYSE: MEG)
- Over 2,000 employees and 70+ offices across the US, Canada, Europe and Australia
- Environmental Services - applying the latest technologies in an integrated way to solve difficult environmental challenges
 - 5,000+ unique clients
 - **Integrated PFAS** capabilities around **risk assessment** and **toxicology**, **site assessment**, **regulatory compliance**, **air testing**, **lab analysis**, **water and soil remediation** and **emergency response**
 - **Dedicated R&D** group focused on innovation in environmental solutions



Integrated PFAS Analytical Services

Advanced Lab Capabilities Integrated with our Unique Treatment Solutions and R&D Create Advantages for our Clients

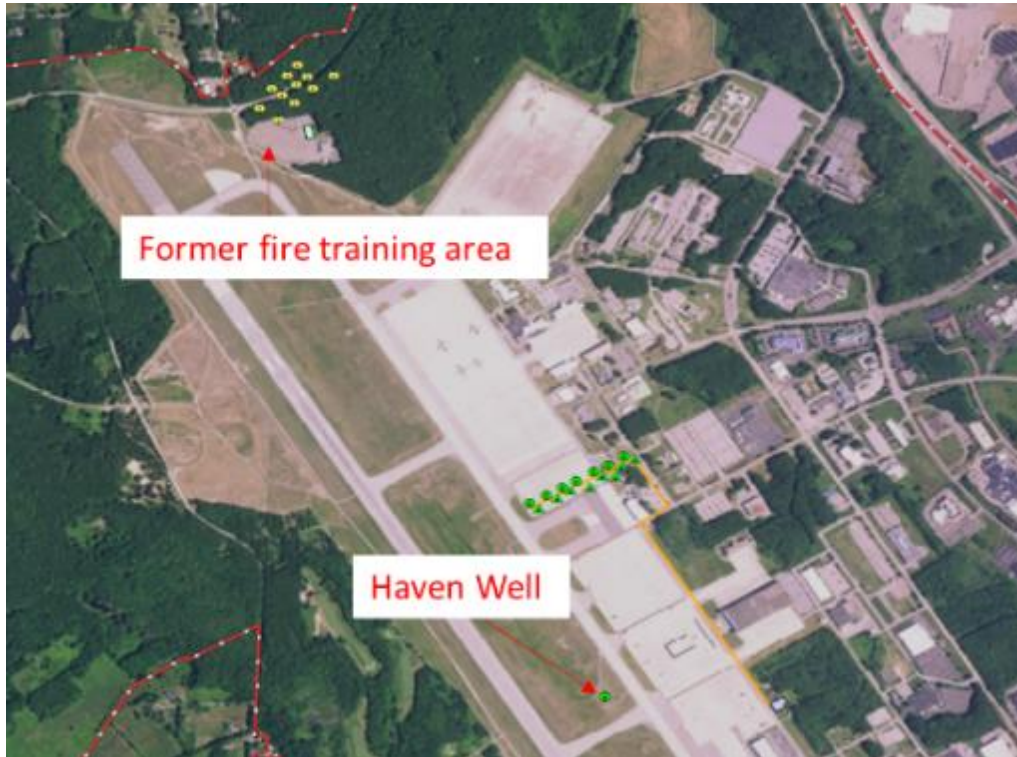


- Dedicated PFAS labs within one of the largest environmental lab networks in the US
- Ability to rapidly add analytes and unique matrices for our teams/clients
- Ability to analyze over 80 PFAS compounds, including legacy long-chain PFAS compounds (such as PFOS/ PFOA) and newer short-chain PFAS compounds such as GenX.
- Our techniques allow us to work with many sample matrices including wastewater, soils, biota, leachate, and a wide array of consumer products
- Our PFAS labs hold 21 state accreditations and are US DoD accredited. Current methods include ISO 17025, DOD ELAP QSM 5.3, and TNI standards for PFAS analysis by EPA Method 537 for drinking water and isotope dilution analysis for all other matrices
- We analyze and treat water in the US, Europe and Australia and have familiarity with the challenges of analyzing multiple PFAS compounds with very different characteristics and a wide range of concentrations



Pease Air Force Base (USA) – Full Scale System

With our Proprietary Technology, Montrose Achieved PFAS Non-Detect at a Highly Visible Site



Opportunity

- Former Pease Air Force Base, Portsmouth NH
- Incoming PFAS = 50-100 ppb
- Contaminating local drinking water supply
- 200 GPM Design Flow Ground Water Treatment System, Operating at 120 GPM

Challenge

- High PFAS levels from source zone
- Other contaminants – Iron and TOC
- GAC system already onsite
- Minimize waste generation

Solution

- Side-by-side pilot test vs GAC
- Regenerable resin system was more effective
- **Consistent non-detect for PFOS and PFOA in effluent**
- **To date, over 47 million gallons treated with no PFAS waste transported offsite**

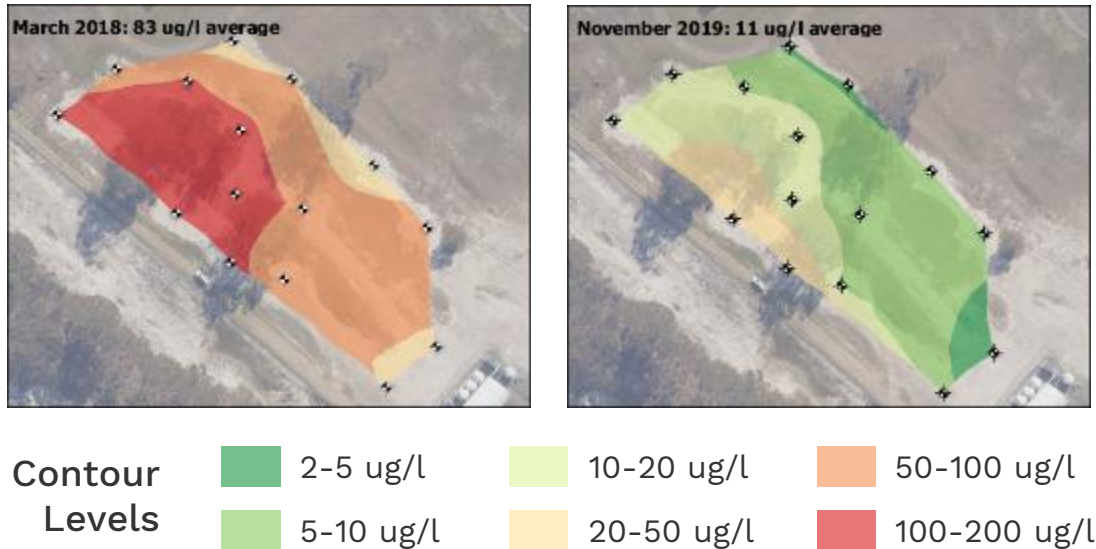
Press Release: Pease Water Treatment Facility Reports Non-Detect PFAS Levels with ECT2's SORBIX PURE Single Use IX Solution (www.ect2.com/news)



Williamstown (Australia) – Full Scale System

For ~\$6m, in ~18 Months and with our Proprietary Technology, Montrose Created a PFAS Treatment Solution for the Community and our Client

Before and After PFAS Plume Condition of the Montrose Regenerable Resin Solution



Opportunity

- PFAS contamination found in ground and surface water
- Restricted use of water for surrounding properties
- Two groundwater source areas identified for active management

Challenges

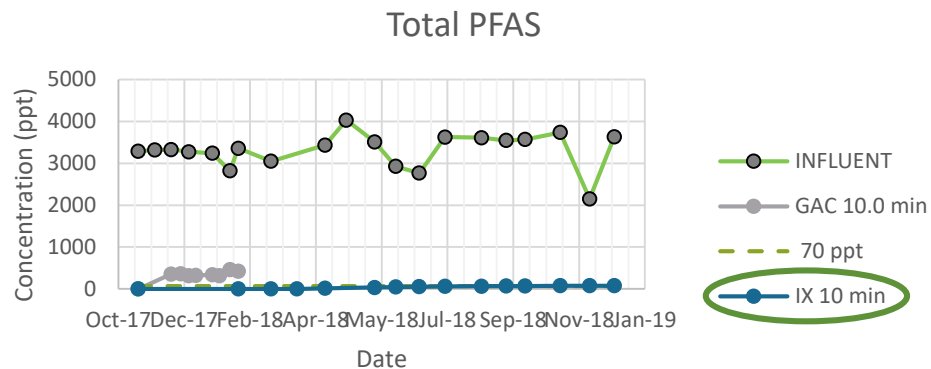
- Material Public Relations issue (Prime Minister's Office took over)
- Optical and financial challenges of existing GAC-only system
- High flow volume with high concentrations of PFAS

Solution

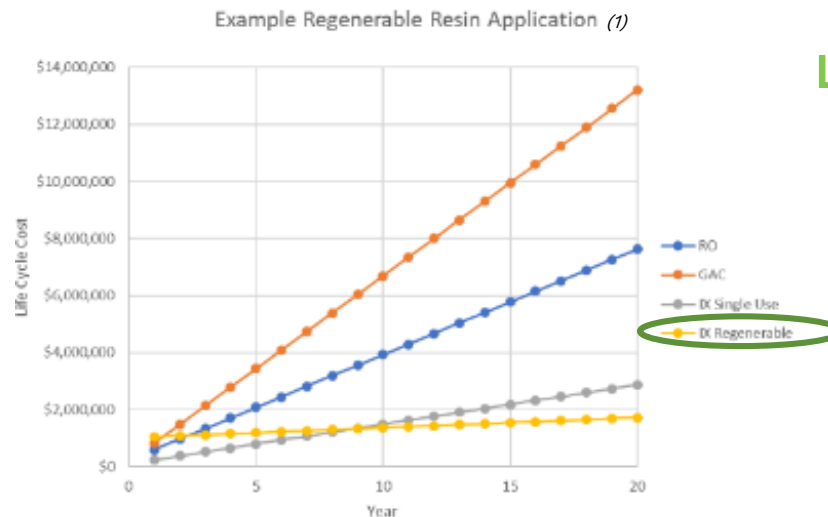
- Central regeneration system installed
- More sustainable solution than alternatives
- **Consistent treatment to non-detect in effluent**
- **To date, after years of treatment, no waste transported offsite**

Advantages of Montrose PFAS Solutions

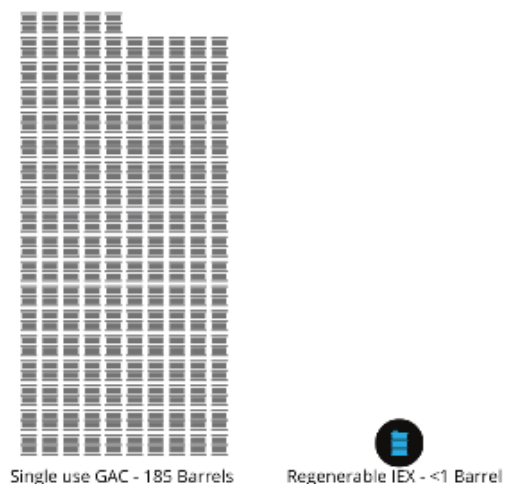
SUPERIOR EFFICACY (BREAKTHROUGH CURVE)



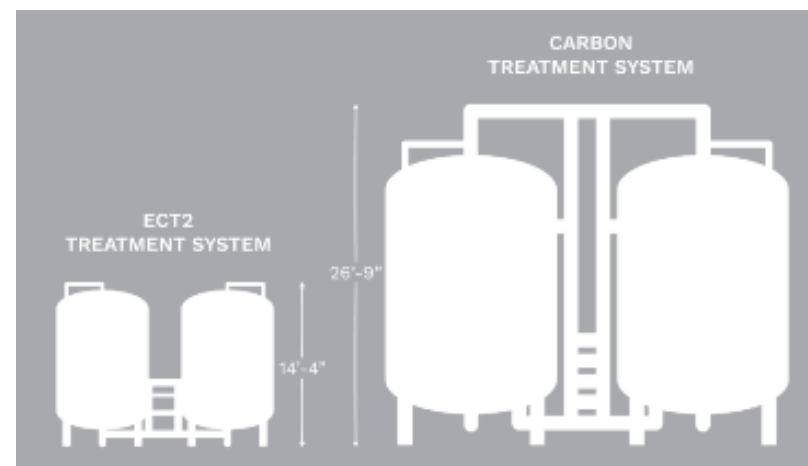
LOWER LIFECYCLE COST



LESS WASTE



SMALLER FOOTPRINT



PFAS Destruction Technology – The Future

Broad Applicability of Montrose Treatment Solution Given Concentration of PFAS Waste in Montrose Process

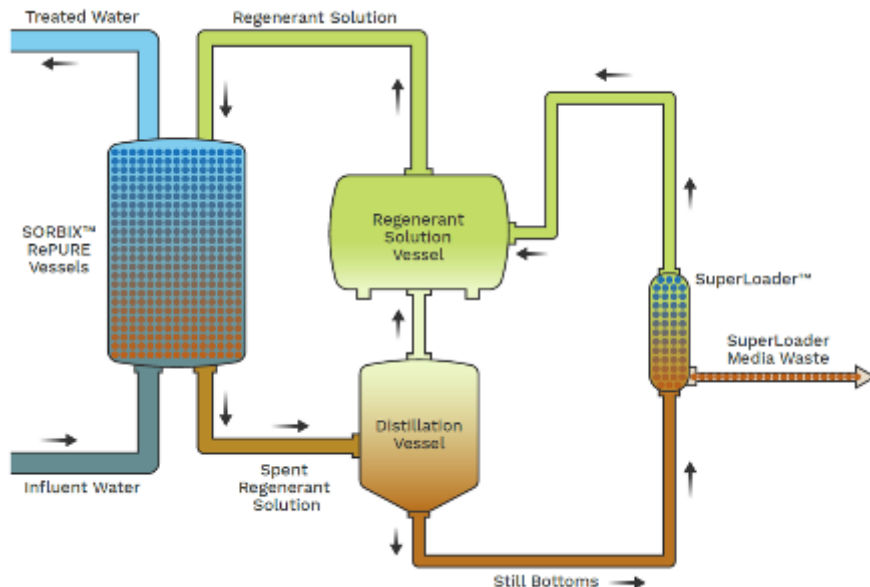


Plasma Technology, Clarkson University - YouTube

Without destruction technology, PFAS waste has two options:

- Hazardous Waste Landfill
 - Expensive as volumes increase
 - Preferred by government agencies
- Hazardous Waste Incineration
 - Difficulty measuring stack emissions
 - Need 3 T's – Time, Temperature, and Turbulence
- Destruction Technologies
 - Electrochemical Oxidation
 - Plasma Destruction
 - **Both technologies coupled with Montrose Solutions demonstrating efficacy in field applications**





Montrose/ECT2's Patents

Pioneers in PFAS Remediation Additional Applications Pending

SORBIX™ RePURE (10,287,185)

- Awarded in 2019
- A sustainable system for removing and concentrating PFAS from water
- Allows PFAS-saturated resin to be regenerated onsite and reused
- Has approximately 10x the capacity of GAC and is best suited to applications where resin replacement would lead to high operating expenses

SuperLoading™ (US 10,913,668 B2)

- Awarded in 2021
- Enhances the SORBIX RePURE technology by minimizing the volume of PFAS waste generated
- Facilitates reuse of the regenerant solution
- Sites currently using this process are operating at an approximate concentration factor of one million to one – for every million gallons of water treated, approximately one gallon of solid waste is generated

