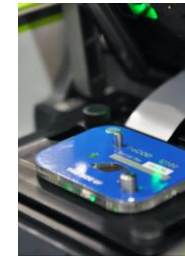


MANTECH – PeCOD® Analyzer Next Generation Base Camp

speed innovation solutions

Capability Overview

- Photoelectrochemical Oxygen Demand (peCOD) ASTM D8084 Method
- Determination of Organic Pollution in Water Samples
 - Applicable to Greywater, Surface Water, Treated Drinking Water, etc.
 - Simple, Safe, Green and Fast: ~3min for a result and no PPE required
- Portable, Laboratory, and Online Models all using the same method
- Greater sensitivity for organic compounds in comparison to TOC
 - peCOD measures reactivity of organic carbon, vs TOC which quantifies carbon. Reactivity affects event detection, taste, odor, coagulation and DBPfp



Past Performance

- MANTeCH is a manufacturer of online, portable, and laboratory analyzers for water and wastewater.
 - Based out of Guelph, Ontario, Canada. ~1 hour from Toronto.
 - MANTeCH has been in business for 8+ years, with over 2,000 analyzers installed in 45 countries.
 - MANTeCH's mission: to generate the highest quality results in the shortest amount of time, enabling customers to have significant economic and sustainable impacts on their businesses and communities.
- Point of Contact: Robert Menegotto, President and CEO
 - rmenegotto@mantech-inc.com - +1-519-763-4245 x247

Technology & Manufacturing Readiness Level

- PeCOD® Analyzer is currently in production with 200+ units sold
 - TRL = 8 , MRL = 9
- Endusers across multiple industries:
 - General: Chevron, BP, Shell, Stella Artois, Clean Harbors, Heineken, Qatar Chemical, Western Digital, Bunge
 - Source & Potable Water: City of Aurora, City of Columbus, Niagara Region, City of Halifax
 - Academics: U of Mass-Amherst, U of Arizona, U of Toronto, UWM
 - Environmental Monitoring: Terragon Environmental, Canadian High Arctic Research Station (remote), Ontario Ministry of Environment and Climate Change, City of El Paso, City of Austin (portable)