Real Time, In-situ Chemical Oxygen Demand – FAST, SAFE. ACCURATE and GREEN

Automated Near-Line Analysis: COD, pH, Turbidity, Alkalinity and More from a Single Sample
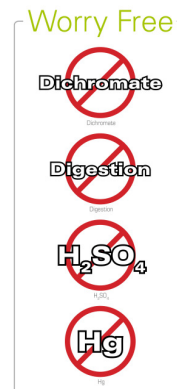### The PeCOD® and the TitraSip SA™ Together

Features:
- COD results in 10 minutes
  - Only with MANTECH's PeCOD®
- Automated near line analysis – scheduled automatically, unattended
- COD in real time and in-situ now means multiple parameters
  - pH, conductivity, turbidity, alkalinity…and more
- TitraSip SA™, the key component of the solution
  - PROVEN
  - Verified by the US EPA's Environmental Technology Verification (ETV) Program
- Optimized process control for both influent and effluent monitoring
- Maximum protection for human health and the environment
  - Detects effluent discharge problems quickly
  - A safe test! Eliminates the use of mercury, dichromate and sulfuric acid.
- The PeCOD® and the TitraSip SA™ now used by the Ministry of the Environment, BMW, Procter & Gamble!

Figure: MANTECH TitraSip SA for automated COD, pH and Alkalinity, Sampling Every 20 Minutes for Effluent Monitoring

What does it do?
1. Automatically samples from an overflow direct from the effluent stream
2. Samples every 20 minutes, can be varied
3. Auto-Dilutes for high range samples including COD
4. Auto-Calibrates itself at set intervals with SmartCal™
5. Auto QC checks itself at set intervals with SmartCal™
6. Eliminates or Minimizes Environmental Fines.
   a. A 3 hour dichromate test result = $ lost!
   b. A 10 minute PeCOD® COD result = $ SAVED!
   c. Eliminating a single fine could pay for the instrument
7. Optimizes product retention.
   a. Product loss recovery pays for the instrument!
   b. Optimizes Process Influent and Effluent Monitoring
8. Protects Your Employees. Protects Human Health. Protects the Environment.

Industry, Government, Environmentalists and the Public demand more protection and control, PeCOD® and the TitraSip SA™ delivers!

www.mantech-inc.com   **Load. Start. Done.**   info@mantech-inc.com