

## Industry: Pulp and Paper

- Flow Applications Listing

### **SONARtrac**<sup>®</sup> SOLUTIONS

**SONARtrac non-intrusive Flow Meters help customers improve Reliability, Prevent Maintenance, and Reduce Variability. Here are some popular SONARtrac Flow Meter Applications:**

#### **Paper Machine**

- Basis weight flow
- Headbox approach/dilution
- Refiner stock flows
- Couch flow
- Coatings
- Press & Former Dewatering

#### **Pulp / Bleach Plant**

- Digester blow lines
- Knotter flows
- Reject screen flow
- Black & Green liquor flows
- Turpentine
- Recycle Plant flows
- Evaporator flows
- Brownstock flows
- Bleach plant stock
- Bleach plant liquor
- Digester Liquor flows
- Lime mud slurry

#### **General Applications**

- Mill influent/effluent water
- High metal debris flows
- Wastewater sludge
- Recycle-Deinking sludge
- Pitch/Scaling prone lines
- Corrosive flows
- Abrasive flows
- Variable / low / no conductivity
- Air-compensated flows
- Air flow / gas flow

#### **Why Customers Use SONARtrac Flow Meters**

- Improved Reliability
- Non-Intrusive
- Safe/Simple Installation
- Reduced Flow Meter Costs
- Ease of Hydroblasting Piping
- Maintenance Free
- Improved OME/Availability
- Installs while Process Running
- No Liners to Tear
- Install and Forget
- Reduced Process Variability
- No Drifting
- Unaffected by Pitch, Scaling, Air, or Conductivity
- No need to rollout a SONARtrac meter
- 15+ Year Life Expectancy

***SONARtrac Flow Technology is based on Passive Sonar Technology....NOT an Ultrasonic Meter!***

***SONARtrac Flow Meters work in a broad scope of Flow Applications***



CiDRA Chemical Management, Inc.  
50 Barnes Park North  
Wallingford, CT 06492  
Tel. 203.265.0035  
[www.cidra.com](http://www.cidra.com)