Vertical Manufacturing
Eliminates Obsolescence

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Main Objectives

• What is Vertical Manufacturing?

• Description of Smith & Loveless Organization

• Philosophy of Upgrading Equipment over Decades
What is Vertical Manufacturing?

• Design & Engineering
• Raw Material
• Manufacturing
• Distribution
• Parts
S&L Organization

- Involved with Providing Systems
- Essential a Steel and Assembly Shop
- Machining and Castings
- Continually Investing in R&D
Upgrading and Supporting Pump Stations for Decades

- Volute and Motor Design Basically Unchanged
Upgrading and Supporting Pump Stations for Decades

- Listening to Customers
Upgrading and Supporting Pump Stations for Decades

- Priming System Check Valves have been changed
  - Passage of 3” Solid
  - Easier Clog Removal

- Older Valves still supported
Upgrading and Supporting Pump Stations for Decades

- Controls are the Hardest to Support
Upgrading and Supporting Grit Removal System for Decades

• Chamber Design
Upgrading and Supporting Grit Removal System for Decades

• Dewatering Upgrades
Thank You