Sun City Pump Station, AZ – Epcor Water

- **Scope of Work**
- Solution
- Installation of Screentec
- Conclusion
Scope of Work

- Install a mechanical bar screen in a lift station
• Scope of work

**HYDRAULIC CONDITIONS**
Influent: Raw Municipal
Peak flow: 2.5mgd
Maximum Design flow: 5.1mgd

**SPACE REQUIREMENTS - FOOTPRINT**
Depth: 23’ – 7”
Channel Width: 3’ – 3”
Equipment Width: 3’ – 28"
Height of discharge: 3 – 11 (1200 mm)
Installation angle: 90°
Weight: 1430 lbs (650 kg)
• **Scope of work**
  • Retrofit with minimal structural changes
• **Scope of work**
  • Retrofit with minimal structural changes
• Scope of work
  • No more manual and unsafe maintenance
• **Scope of work**
  - Protects pumps from debris
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Screentec Solution

**STOP DEBRIS DAMAGE!**

**SCREENTEC**

*The Pump Station Bar Screen*
- Protects pumps from sewer debris
- Fits narrow/deep pump spaces
- Needs minimal maintenance
SCREENTEC, THE PUMP STATION BAR SCREEN

- Screentec Solution
  - Screentec, Bar Screen Solution
  - Vertical design
  - Retrofit any structure
  - No moving part under grade level
  - Integrated bypass
  - Washer Compactor
  - Gas extraction
- **Sun City Pump Station, AZ – Epcor Water**
  - Scope of Work
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  - **Installation of Screentec**
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Installation of Screentec
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Installation of Screentec
Screentec collect debris (including rags, wipes, grit...)

www.aqualitec.com
- Significant savings with a small investment

- Manual labor → Mechanical operation
- Unsafe environment (H2S) → No below-grade maintenance
- Structural constraints → No structural changes
- Sun City Pump Station, AZ – Epcor Water
  - Scope of Work
  - Solution
  - Installation of Screentec
  - Conclusion
Screentec allows wastewater operators to **protect expensive pump equipment** from non-dispersible debris.

Screentec’s versatile design fits almost **any application with minimal retrofit**.

Screentec’s automatic operation frees operators **from costly and dangerous manual maintenance**.

Screentec’s simple, versatile design makes it affordable, effective, and reliable.
Contact Information

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