



Orange County  
Sanitation District  
70th Anniversary

# Critical Asset Identification and Procurement Risk Mitigation

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Operations Committee  
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*Information Item*

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## Purpose

**GM Work Plan Goal:**

- Determine Critical Assets
  - In Service
  - Under Construction
- Mitigate Procurement Risks
  - Identify Required Spares
- High Operational Reliability

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## Background: Warehouse

- Maintenance, Purchasing, and Warehouse staff ensure availability
- Key element of process reliability



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## Background: Supply Chain



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## General Approach



### Major Equipment / Asset

### Limited Redundancy

### Repair Concerns

Obsolescence


Heavy Wear

Long Lead Times

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## Summary of Results



- 84 Critical Asset types identified
- Majority have stocked items
- Recommended additional spares:

Spare	Count	Examples
<b>Asset</b>	<b>20</b>	Pump, Grinder, Heat Exchanger, Gearbox, Check Valve
<b>Part</b>	<b>26</b>	Impeller, Auger, Drive & Gear, Rotor, Cutter Cartridge





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## Next Steps



- Procurement of newly ID'd Assets & Parts (Prioritization, Timing , & Storage)
- Implementation of updated "spares" process in Design & Construction
- Continue to update critical asset tables

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# Questions?

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