

# Authorize final design for equipment replacement of sand traps for the Colorado River Aqueduct

Engineering and Operations Committee

Item 7-1

November 8, 2010

# Current Action

- Appropriate \$610,000 in budgeted funds
- Authorize final design to replace equipment at 3 Colorado River Aqueduct sand traps

# Location Map





# Sand trap Equipment Replacement



# Sand trap Equipment Replacement

- Background
  - Installed during original CRA construction
  - Sand traps located upstream of 3 Pumping Plants – Hinds, Eagle & Iron Mountain
- Project Needs
  - Traveling crane & control cabin corroded
  - Electrical and mechanical equipment nearing end of lifespan





# Sand trap Equipment Replacement

- Scope
  - Replace traveling crane and control cabin
  - Replace electrical and mechanical equipment
  - Final Design by Metropolitan staff



# Requested Funds

Owner costs	\$ 96,400
Final design	436,000
Hazardous materials testing	20,100
Incidentals	5,000
Remaining budget	52,500
<b>Total</b>	<b>\$610,000</b>

\* Construction cost range: \$3.0 million to \$4.0 million

# Schedule





# Board Options

- Option # 1
  - Adopt CEQA determination
  - Appropriate \$610,000 in budgeted funds
  - Authorize final design to rehabilitate three CRA sand traps
  
- Option # 2
  - Do not authorize the project at this time

# Staff Recommendation

- Option # 1

