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



Corporate Resources

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

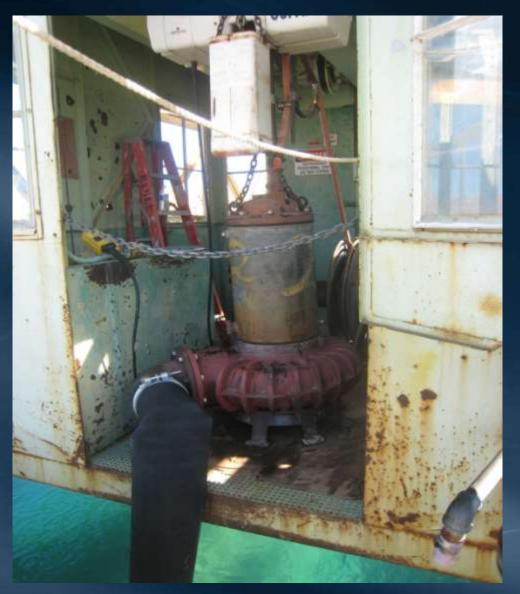


Corporate Resources

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\$ 96,400Final design436,000Hazardous materials testing20,100Incidentals5,000Remaining budget52,500Total\$610,000

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

Schedule

	2010	2011		2012
Sand trap Equipment Replacement				



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

