



# Replacement of Turbidimeters at the Robert A. Skinner Water Treatment Plant

Engineering & Operations Committee

Item 7-3

July 8, 2013

# Current Action

- Appropriate \$550,000
- Authorize procurement & installation of 84 turbidimeters

# Distribution System





# Skinner Plant



# Existing Turbidimeters

- Required for regulatory compliance
- Older units starting to break down
- Replacement parts are no longer available





# Project Scope

- Turbidimeter Replacement
  - Purchase & install 84 turbidimeters at Plant 1, Plant 3 and the finished water reservoir

Same latest-technology turbidimeters already installed at 3 other Metropolitan water treatment plants





# Requested Funds

## Labor

Metropolitan Force Construction	\$ 172,000
Proj. Mgmt., Procurement	34,000
Tech. Support & Testing	43,000
Procurement Contract	226,000
Remaining Budget	75,000
<b>Total</b>	<b>\$ 550,000</b>

**Total Cost for Construction: \$398,000**

# Schedule

Activity	2013	2014
Turbidimeter Replacement		



**Procurement**



**Construction**



**Board Action**



**Completion**



# Board Options

- Option # 1

- Adopt the CEQA determination that the proposed action is categorically exempt
- Appropriate \$550,000
- Authorize procurement & installation of 84 turbidimeters at the Skinner plant

- Option # 2

- Do not proceed at this time

# Staff Recommendation

- Option # 1

