



## Skinner Improvement Projects:

- Maintenance Bldg. Insulation Replacement
- Chemical Systems & Solids Collection

Engineering and Capital Programs Committee

Item 8-3

August 17, 2009

# Current Action

- Appropriate \$4.65 M in budgeted funds
- Authorize Skinner Maintenance Building Insulation Replacement project
- Award \$2.392 M construction contract for Skinner Chemical Systems & Solids Collection Improvements

# Metropolitan Treatment Plants



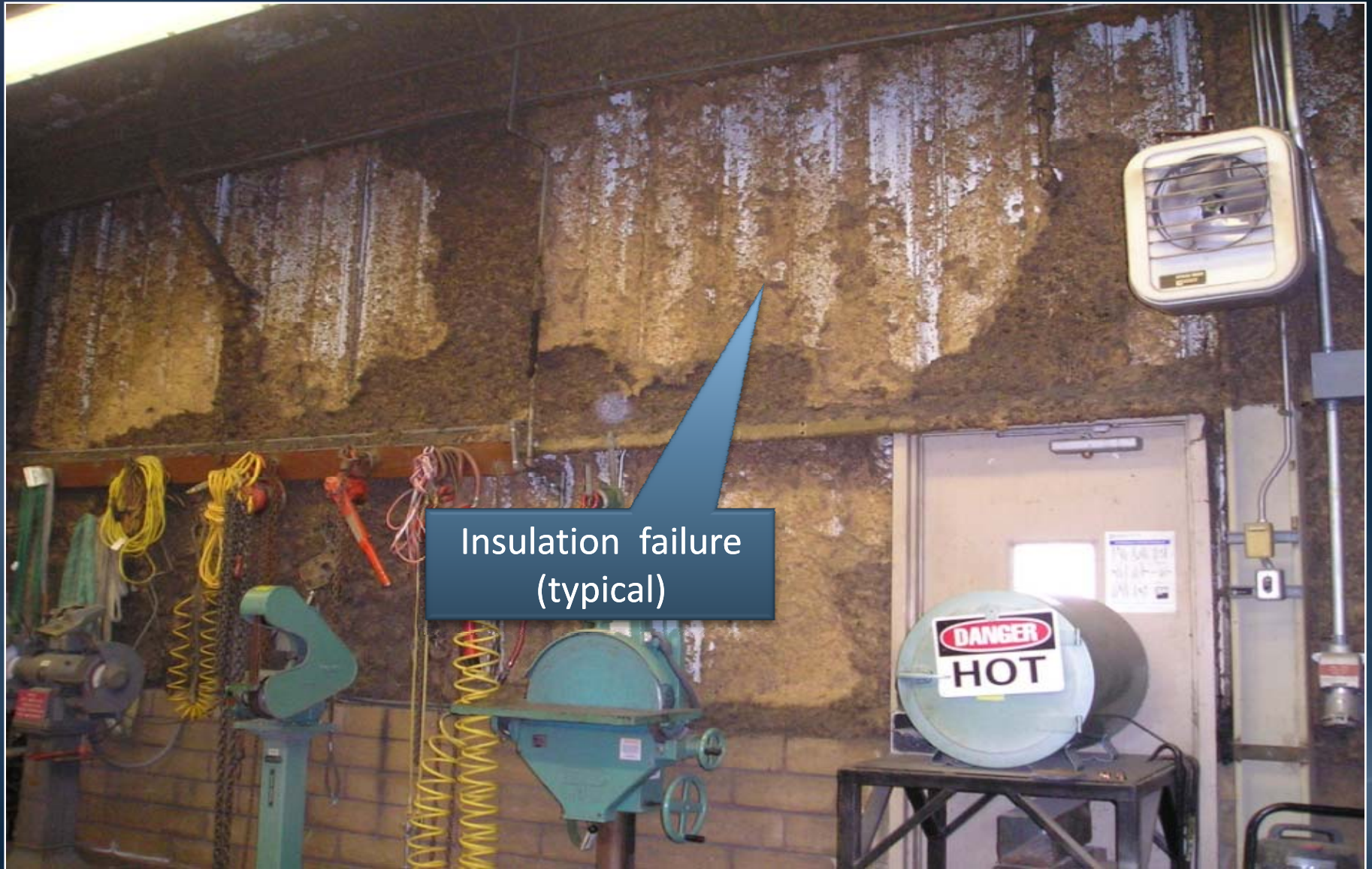
# Maintenance Building Insulation Replacement

# Skinner Plant

Lake Skinner



# Maintenance Bldg Insulation Replacement



# Bid Results

## Specifications No. 1650A

Bids Received: 3/26/2009  
No. of bidders: 3  
\* 2<sup>nd</sup> Lowest bidder: Capital Development, Inc.  
2<sup>nd</sup> Lowest bid: \$ 126,500  
Bid range: \$ 77,400 to \$129,000  
Engineer's estimate: \$ 108,000  
SBE Participation: None established

\*Lowest bidder disqualified due to submittal of non-responsive bid

# Requested Funds:

## Maintenance Building Insulation Replacement

<b>Owner costs</b>	<b>\$ 23,560</b>
<b>Submittal Review</b>	<b>9,440</b>
<b>Constr. and Inspection support</b>	<b>16,000</b>
<b>Professional and Technical</b>	<b>6,000</b>
<b>Metropolitan Force Construction</b>	<b>13,000</b>
<b>Incidentals, materials &amp; eqpt. use</b>	<b>4,500</b>
<b>Contracts</b>	<b>126,500</b>
<b>Remaining budget</b>	<b>31,000</b>
<b>Total</b>	<b>\$ 230,000</b>



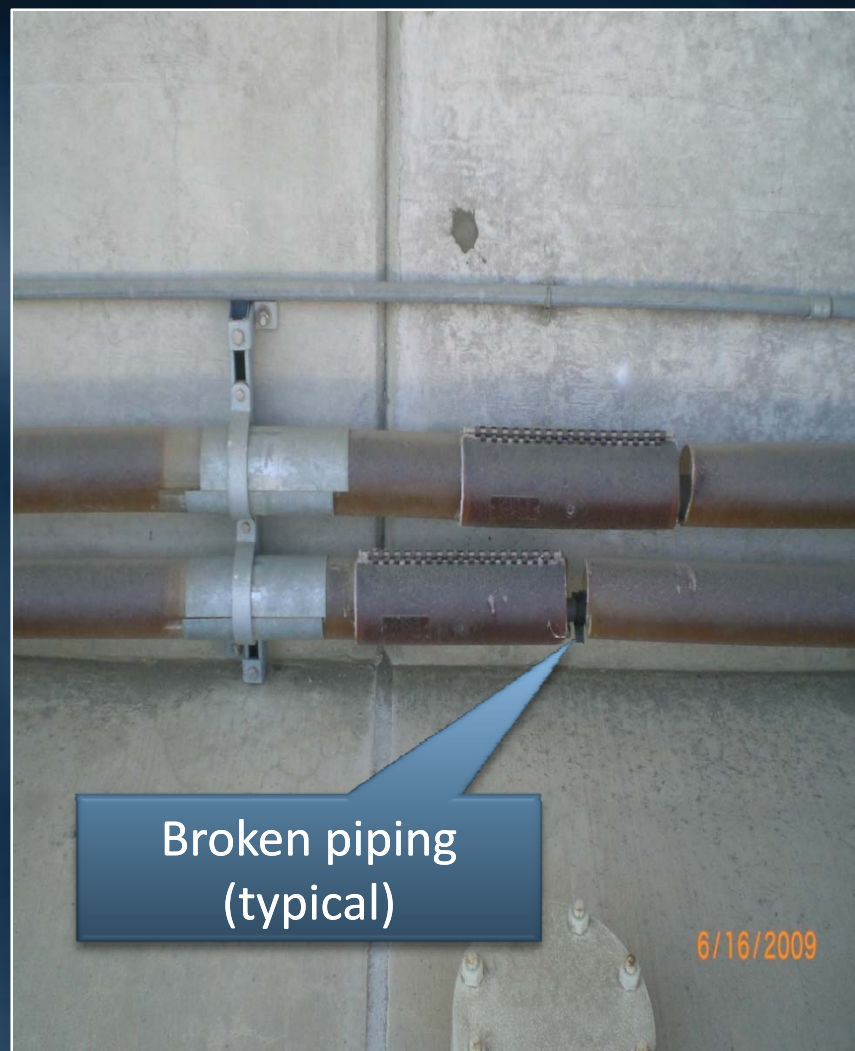
Skinner Chemical Systems  
&  
Solids Collection Improvements

# Skinner Plant

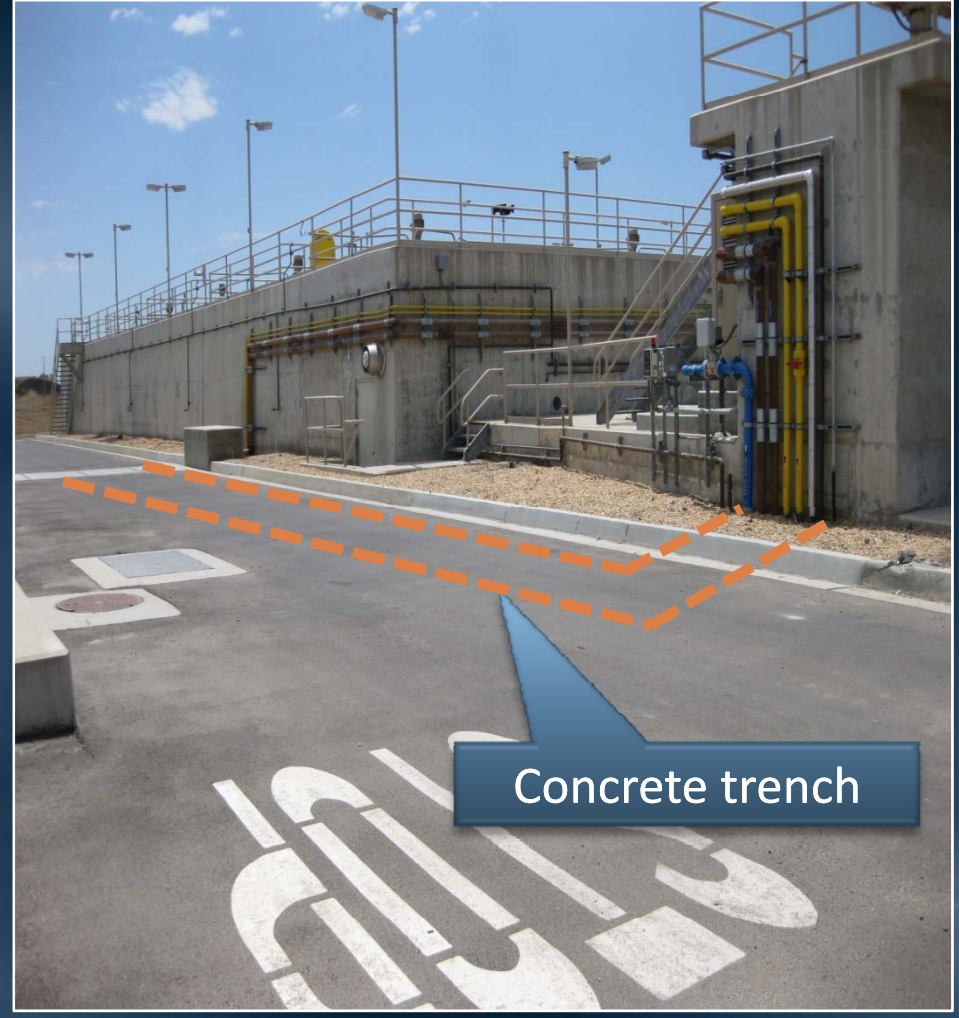
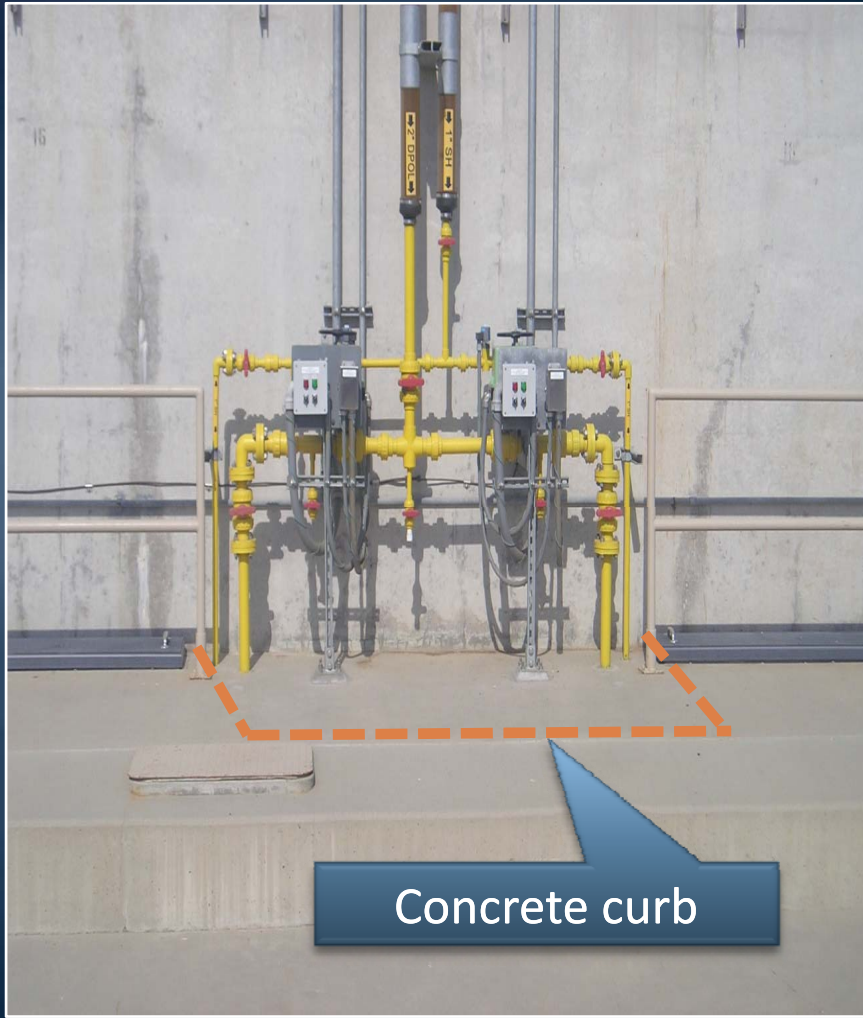
Lake Skinner



# Filters: Sodium Hypochlorite and Polymer Piping



# Filters: Secondary Containment



# Potable Water Pump Station



Expansion slot for  
back-up pump

6/16/2009

## ● Scope

- Install a back-up 3,000-gpm potable water pump with a dedicated 480 V generator

# Wash Water Reclamation Plant No. 2



Collection Equipment



Isolation Valves

# Bid Results

## Specifications No. 1649

Bids Received:	05/27/2009
No. of bidders:	8
Lowest bidder:	Griffith Company
Lowest bid:	\$ 2,392,000
Bid range:	\$ 2,392,000 to \$4,595,000
Engineer's estimate:	\$ 3,500,000
SBE Participation:	20 %

# Requested Funds: Chemical Systems and Solids Collection Improvements

<b>Owner costs</b>	<b>\$ 240,000</b>
<b>Submittal Review</b>	<b>120,000</b>
<b>Constr. and Inspection support</b>	<b>440,000</b>
<b>Metropolitan Force Construction</b>	<b>276,300</b>
<b>Professional and Technical</b>	<b>170,000</b>
<b>Incidentals, materials &amp; eqpt. Use</b>	<b>127,500</b>
<b>Contracts</b>	<b>2,392,000</b>
<b>Remaining budget</b>	<b>654,200</b>
<b>Total</b>	<b>\$ 4,420,000</b>



# Skinner Construction Schedules



Board Action



Interim Milestone



Construction



Complete Construction

# Board Options

- Option # 1
  - Adopt the CEQA determinations
  - Appropriate \$4,650,000 in budgeted funds
  - Award \$2,392,000 contract to Griffith Company for Skinner Chemical Systems & Solids Collection Improvements
  - Authorize Skinner Maintenance Building Insulation Replacement

# Board Options

- Option # 2
  - Adopt the CEQA determination
  - Appropriate \$230,000 in budgeted funds
  - Do not award construction contract for Skinner Chemical Systems & Solids Collection Improvements & re-advertise in an attempt to receive more favorable bids
  - Authorize Skinner Maintenance Building Insulation Replacement

# Staff Recommendation

- Option # 1