



# Seismic Assessments of Three Buildings at the Weymouth Plant

Engineering & Operations Committee

Item 7-3

March 11, 2013

# Current Action

- Appropriate \$225,000
- Authorize seismic assessments of three buildings at the Weymouth plant

# Distribution System



# Weymouth Plant



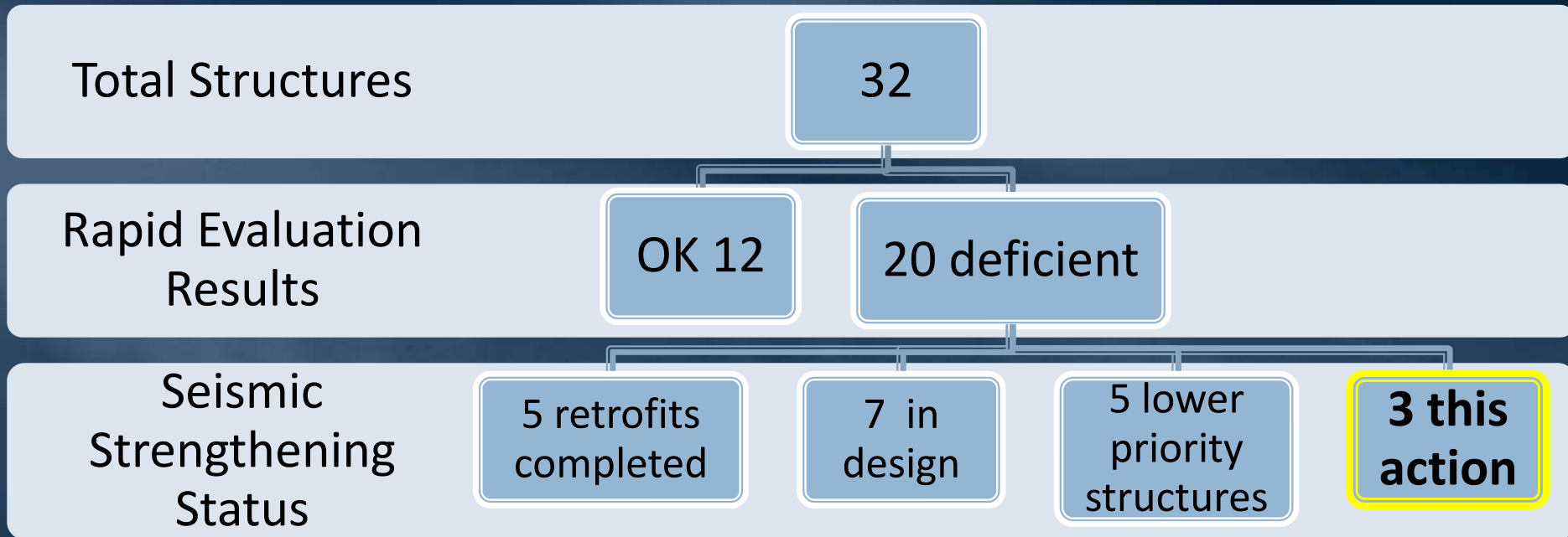
**Central  
Stores**

**Engineering  
Building**

**Water  
Quality  
Lab**

# La Verne Facilities Seismic Update

- Plant located 1.5 miles from Sierra Madre Fault
  - Capable of generating a 7.0 magnitude earthquake



# Background



Engineering Building

- Water Quality Laboratory
  - Houses scientists, engineers & specialists
  - Analytical Equipment
- Engineering Building
  - Houses inspectors, surveyors & technicians
  - Concrete & material testing laboratories
- Central Stores
  - Shipping & receiving hub
- Over 150 employees in 3 bldgs.

# Planned Scope



Central Stores

- Metropolitan Staff
  - Identify seismic deficiencies
  - Evaluate retrofit options
    - Constructability
    - Operational impacts
    - Cost
- Professional Services Support
  - Detailed Structural Modeling
- IDS Group, Inc
  - Competitively Selected (RFQ 1012)
  - Small Business Enterprise

# Requested Funds





## Labor

|                                      |           |
|--------------------------------------|-----------|
| Project Mgmt, Permitting             | \$ 41,000 |
| Seismic Assessments                  | 74,000    |
| Prof. Services – Structural Modeling | 81,000    |
| Remaining Budget                     | 29,000    |
| Total:                               | \$225,000 |



# Schedule

| Project  | 2013  | 2014 |
|--|---|------|
| Water Quality Lab,<br>Engineering Bldg. & Central<br>Stores Seismic Upgrades |  |      |

|   |                     |   |              |
|---|---------------------|---|--------------|
|  | Prelim Design/Study |  | Final Design |
|  | Construction        |  | Board Action |

# Board Options

- Option # 1
  - Adopt CEQA determination
  - Appropriate \$225,000
  - Authorize seismic assessments of three buildings at the Weymouth plant
- Option # 2
  - Do not proceed with the seismic assessments at this time

# Staff Recommendation

- Option # 1

