



Weymouth Treatment Plant Two Improvements Projects

Engineering and Operations Committee
Item 8-4
February 7, 2011

Current Action

- Appropriate \$2.18 million in budgeted funds
- Authorize construction to rehabilitate the Weymouth Washwater Reclamation Facilities
- Authorize construction of the North Perimeter Security Wall at the Weymouth plant

Metropolitan Water Treatment Plants



Weymouth Plant Project Location



**Washwater
Reclamation Plant**

Security Wall



Wastewater Reclamation Facilities (WWRP) Background



- The WWRP equipment has reached the end of its useful life
- Aging equipment, requires frequent repairs



Washwater Reclamation Rehabilitation Scope

- Replace coal slurry dewatering system
- Replace WWRP equipment
- Extend decant piping to Filter Building No. 1
 - Work in filter sump planned for March plant shutdown
- Construction by Metropolitan staff
- Construction cost is \$1,615,600

Weymouth North Perimeter Security Wall Background

- Needed to enhance security, reduce noise from plant operation & screen construction activities at Weymouth from the adjacent neighborhood
- WWRP is located within 150 feet from the northern boundary

Weymouth North Perimeter Security Wall

Contract Scope

- Remove existing chain link fencing between the mobile home park and the Weymouth plant
- Construct 970 feet of a six-foot-tall concrete block wall along the northern perimeter of the plant
- Construction cost is \$219,000

Bid Results

Specifications No. 1682

Bids Received: 1/11/11

No. of bidders: 14

Lowest bidder: Granstrom Masonry Inc.

Bid: \$219,000

Other Bids: \$224,000 to \$413,700

Engineer's estimate: \$300,000

*** SBE participation:** 100 %

*** SBE (Small Business Enterprise) participation goal = 20%**

Requested Funds

Labor

Project Mgmt, Environmental Monitoring & Permitting	\$	95,400
Submittal Review, O& M Manuals & Record Drawings	\$	52,000
Construction Inspection and Support	\$	28,000
Metropolitan Force Construction	\$	705,600
Materials, Supplies & Incidental Expenses	\$	910,000
Contract	\$	219,000
Remaining budget	\$	170,000
Total	\$	2,180,000

Project Schedule



Board Action



Construction



Completion

Board Options

- **Option # 1**
 - **Adopt the CEQA determinations**
 - **Appropriate \$2.18 million in budgeted funds**
 - **Authorize Metropolitan force construction to rehabilitate the Weymouth Washwater Reclamation Facilities**
 - **Authorize construction of the Weymouth North Perimeter Security Wall**
- **Option # 2**
 - **Do not proceed at this time**

Staff Recommendation

- **Option # 1**

