



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

7-2

October 27, 1992

To: Board of Directors (Engineering and Operations Committee--Action)
(Finance and Insurance Committee--Action)

From: General Manager

Subject: Appropriation No. 655 for \$150,000 to Finance the Estimated Cost of Preliminary Design for a Hazardous Waste Storage Area at the La Verne Facility

Report

The District's hazardous waste storage area at the La Verne facility is currently inadequate for the purpose of storing hazardous waste generated at the La Verne facility. Pursuant to deficiencies noted during a recent inspection by the City of La Verne Fire Department and a thorough review of the storage area by District staff, the following measures are recommended to bring the La Verne facility into full compliance with the applicable Uniform Fire Code (UFC) requirements.

Needed improvements include providing adequate drainage and secondary containment, providing impervious and graded storage areas, restricting unauthorized personnel access, and upgrading safety features. Another major concern is the lack of adequate space. These concerns are described below:

1. The existing waste storage building does not have sufficient space to temporarily store the volume of hazardous waste generated nor an adequate secondary containment system as required by the UFC, to contain the greater of ten percent of the total volume of all containers in the waste storage area or the total volume of the largest container;

2. A drainage system is also required to direct spills to an approved secondary containment area. A release of hazardous material onto an unpaved area could result in costly remediation projects for the District should soil or groundwater contamination result;

3. Unauthorized personnel can enter the waste storage area which increases the potential for untrained personnel handling hazardous waste, and could result in the mixing of potentially incompatible waste streams and materials left without proper identification labels;

4. The hazardous waste storage area is not equipped with adequate safety features including an eye wash station, shower station, and a portable fire suppression system; and

5. The waste storage area does not have necessary communication equipment. A telephone is necessary for immediate reporting of any emergency occurrence to the proper authorities, thereby reducing the risk to employees and the environment and minimizing the District's liability.

The proposed project consists of constructing a hazardous waste storage facility which includes multiple covered structures with concrete spill containment curbs and concrete floors sloped to containment sumps. The areas around the individual structures would be asphalt-paved and the perimeter of the entire hazardous waste storage facility would be enclosed with chain link fence. The facility would include an eye wash, shower apparatus, and a small office.

It is anticipated that preliminary design can be completed by March 1993, at which time staff will return to the Board requesting authorization and funding for final design and construction. The total estimated cost of preliminary design is \$150,000. A breakdown of the estimated cost of preliminary design is shown on the attached Fiscal Statement. The estimated total project cost is approximately \$2.8 million.

This project, if approved by the Board for final design and construction, would be exempt from the provisions of the California Environmental Quality Act in that it would consist of the addition of safety and health protection devices in conjunction with an existing facility.

Board Committee Assignments

This letter is referred for action to:

The Engineering and Operation Committee because of its jurisdiction over the initiation, scheduling, contracting,

and performance of construction programs pursuant to Administrative Code Section 2431(b); and

The Finance and Insurance Committee because of its jurisdiction over appropriations pursuant to Administrative Code Section 2441(d).

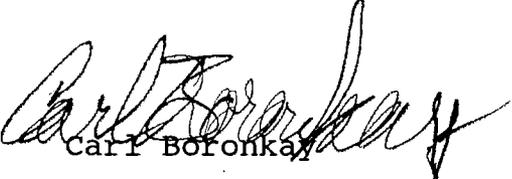
Recommendations

ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.

It is recommended that your Board authorize the General Manager to have all work performed for preliminary design for a Hazardous Waste Storage Area at the La Verne facility.

FINANCE AND INSURANCE COMMITTEE FOR ACTION.

It is recommended that your Board authorize the appropriation of \$150,000 from the 1991 Revenue Bond Construction Fund to finance all estimated costs of preliminary design for a Hazardous Waste Storage Area at the La Verne facility. This appropriation will be designated No. 655.


Carl Boronkay

JIM:ayb
(apr655-10262)
Attachment

Fiscal Statement

The breakdown of the total estimated cost for preliminary design and environmental documentation is shown below:

	<u>Cost Estimate</u>
Labor:	
Preliminary Design	\$ 80,000
Incidental Expenses	2,000
Operating Equipment Use	2,000
Administrative Overhead	44,000
Contingencies	<u>22,000</u>
Total	<u>\$ 150,000</u>

Source of Funds: 1991 Revenue Bond Construction Fund

Class: One--Projects required for health and safety or governmental requirements.

Projected Expenditures of Funds:

Through Fiscal Year 1992/93	\$ 150,000
Total	<u>\$ 150,000</u>

Estimated total project cost \$2,800,000.

Project Benefit: Will bring the La Verne facility Hazardous Waste Storage Area into compliance with the Uniform Fire Code, and reduce the potential liability of the District for costs resulting from hazardous waste spills or accidents.

Capital Program: Funds were not included in the Fiscal Year 1992/93 Capital Program. However, this project is required for environmental compliance.