

January 19, 1999

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

From: General Manager _____

Submitted by: Gary M. Snyder _____
Chief Engineer

Subject: Authorization to Enter into an Agreement with East Valley Water District for Relocation of Domestic Water Well

Reference: Appropriation No. 15122

RECOMMENDATION(S)

It is recommended that the General Manager be authorized to execute an agreement with East Valley Water District substantially on terms outlined in this letter, and in form approved by General Counsel in amount not to exceed \$1,250,000 to relocate a domestic water well within the Highland Pipeline alignment of the Inland Feeder Project.

EXECUTIVE SUMMARY

A domestic water well owned by the East Valley Water District lies directly within the construction corridor of the Highland Pipeline alignment of the Inland Feeder Project. It has been determined that the well would likely be damaged and rendered inoperable and/or experience a degradation in water quality during construction of the pipeline. Approval of this recommendation would authorize the General Manager to enter into an agreement with the East Valley Water District (EVWD), in form approved by General Counsel, in an amount not to exceed \$1,250,000, for the relocation of the well to a new site, including purchase of a new site and a one-mile long pipeline. EVWD will complete all work associated with the well relocation and Metropolitan will reimburse EVWD for costs incurred. Metropolitan will acquire replacement property for the new well and EVWD will exchange a fee interest in its existing well property for a fee interest in replacement property. Costs for the well relocation were previously planned and budgeted for as part of the Inland Feeder Project budget. The budget for the Inland Feeder Project, which has been fully appropriated by the Board, remains unchanged at \$1,188,000,000.

JUSTIFICATION

Metropolitan cannot guarantee against any negative impacts to EVWD's well during pipeline construction and cannot effectively mitigate those potential impacts through construction or other methods. Relocation of the well will eliminate Metropolitan's potential liability for impacts to EVWD's water delivery system.

ALTERNATIVE(S) TO PROPOSED ACTION

Do not relocate well

Metropolitan could choose to not relocate the EVWD well and attempt to protect the well during construction using alternative construction methods. However, investigations have determined that the structural integrity and/or the water quality of the well could not be guaranteed regardless of the precautions taken during the construction to protect the well due to the nature and proximity of the construction activity.

Revise alignment of pipeline

Metropolitan could revise the alignment of the pipeline to avoid impacts to the EVWD well. This would result in added right-of-way and environmental impacts that would significantly increase costs of the Highland Pipeline.

ACTIONS AND MILESTONES

- Advertise Highland Pipeline in early 1999
- Complete acquisition of necessary right-of-way in early 1999
- Execute agreement with EVWD to relocate well in early 1999
- Start construction in mid -1999

CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

The necessary California Environmental Quality Act (CEQA) compliance and environmental documentation is being executed by EVWD through the issuance of a Negative Declaration. No environmental documentation is required for the Board to approve entering into a reimbursement agreement with EVWD.

DETAILED REPORT

The proposed alignment for the Highland pipeline segment of the Inland Feeder Project stretches approximately 2.8 miles from a point just east of Highway 330 in the city of Highland to the northern edge of the Santa Ana River Wash in the Community of Mentone. Along Abbey Way,

between Orange and Church streets in the city of Highland, the pipeline passes through property owned by the East Valley Water District (EVWD). On the property, EVWD operates a domestic water well, know as Well No. 121, capable of providing 1,500 gallons per minute to its service area. Engineering investigations have determined that due to the proximity of Well No. 121 to Metropolitan's construction of the Highland Pipeline, Well No. 121 would likely be damaged and rendered inoperable and/or adversely affect the water quality during pipeline construction. It is therefore recommended that the well be relocated to a new site that will be unaffected by Metropolitan's construction.

In accordance with terms and conditions to be set forth in the agreement between EVWD and Metropolitan, in form approved by General Counsel, Metropolitan will reimburse EVWD for the costs necessary to relocate Well No. 121 to a new site. The total cost of the project will include: (1) purchase of replacement property, (2) an engineering study to identify the location of the new well, (3) detailed engineering, (4) geotechnical investigations, (5) contract administration, (6) environmental studies, (7) construction of the well and appurtenant facilities including a one-mile pipeline to deliver water to the existing distribution system, (8) project inspection, and (9) as-builts and other associated costs. Metropolitan will acquire the replacement property for the new well and EVWD will exchange a fee interest in its existing well property for a fee interest in replacement property. Upon completion of the well relocation, EVWD will relieve Metropolitan of any future liability concerning the well. The budget for the Inland Feeder Project, which has been fully appropriated by the Board, remains unchanged at \$1,188,000,000.

BSB/bm