



Meeting Date: 03/09/10

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input checked="" type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Lou Balderrama Agenda Item No. I-2
 Reviewed By: City Manager [Signature] City Attorney [Signature] Finance [Signature] Public Works [Signature]

DATE: March 1, 2010
TO: City Council
FROM: Lou Balderrama, City Engineer [Signature]
 Public Works

SUBJECT: PW07-05 Phase I of the Recycled Water Backbone Project

RECOMMENDATION

That City Council approve Project Specification No. 07-05 Phase I of the Recycled Water Backbone System Project to include recycled water gravity lines, recycled water force main, recycled water pipeline, and subsequent street resurfacing from the Advanced Water Purification Facility on Perkins Road, west along Hueneme Road, northward on Ventura Road to West Gonzales Road and authorize staff to solicit bids for the project.

DISCUSSION

The Recycled Water Backbone System (RWBS) is a planned component of the Groundwater Recovery Enhancement and Treatment (GREAT) Program. The RWBS consists of approximately ten miles of pipeline that will transport recycled water produced by the Advanced Water Purification Facility (AWPF) located on Perkins Road. Phase I of the RWBS consists of slip-lining approximately four miles of the abandoned Redwood Trunk Sewer pipeline located along west Hueneme Road to northbound on Ventura Road to West Gonzales Road. The remaining six miles consists of pipebursting and open trench installation of new pipeline along the northern portion of Ventura Road to the Riverpark area.

The recycled water will be used for landscape irrigation, industrial processes, agricultural irrigation, and groundwater injection. The use of recycled water for landscape irrigation and industrial processes will directly offset the use of potable water for existing and new water customers. The use of recycled water for agricultural irrigation and groundwater injection will produce groundwater credits, which the City will use to pump groundwater from areas not subject to seawater intrusion. Potential customers for recycled water from Phase 1 include the Vineyards and Victoria Lakes' golf courses, International Paper formerly known as Weyerhaeuser, several parks and schools, the City of Port Hueneme, and the Seabee Golf Course.

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Phase I of this project also includes the subsequent street resurfacing from the Advanced Water Purification Facility on Perkins Road, west along Hueneme Road, northward on Ventura Road to West Gonzales Road. Future phases of the RWBS will transport recycled water to the southeastern and northeastern areas of Oxnard and potential areas adjacent to Oxnard.

FINANCIAL IMPACT

The engineer's estimated cost for Phase I of the Recycled Water Backbone System which includes design, project management, materials, inspection, and construction is \$24,200,000. Appropriations for this project will be from the 2010 Series Water Revenue Bonds. On July 1, 2009, the Federal Bureau of Reclamation under the Title XVI Program awarded the City \$20,000,000 in federal stimulus funding to partially offset planned components of the GREAT Program including the RWBS. This federal stimulus funding is under the provision of the American Recovery and Reinvestment Act of 2009.

Attachment #1 - Project Site Map

Note: Plans and specifications for PW07-05 Recycled Water Backbone Project are available for review at the City of Oxnard Corporation Yard General Services Department – Building No. 2, 1060 Pacific Avenue 8:00 a.m. on Thursday prior to the City Council Meeting.

