



Meeting Date: 06/09/09

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, City Engineer Agenda Item No. I-13
 Reviewed By: City Manager [Signature] City Attorney [Signature] Finance [Signature] Public Works [Signature]

DATE: May 28, 2009

TO: City Council

FROM: Lou Balderrama, City Engineer [Signature]
 Public Works Department

SUBJECT: Recycled Water Master Plan Phase I

RECOMMENDATION

That City Council authorize the City Manager to adopt the City's Recycled Water Master Plan Phase I per City Ordinance No. 2728 Establishing Requirements for Use of Recycled Water.

BACKGROUND

In November 2004, the City Council certified the environmental impact report for the Groundwater Recovery Enhancement and Treatment (GREAT) Program. The GREAT Program is an innovative regional water resources project designed to improve the City's water system reliability and to meet its water supply needs through 2020. Planned components of the GREAT Program include the Advanced Water Purification Facility (AWPF), currently in design, Phase I of the recycled water backbone distribution system for users of agriculture, municipal, industrial and landscape. Recycled water generated from the AWPF will be primarily used for irrigation and for groundwater injection to maintain a barrier to seawater intrusion.

DISCUSSION

On November 28, 2006, City Council adopted City Ordinance No. 2728 that establishes requirements for the use of recycled water. This ordinance mandates the preparation of a Recycled Water Master Plan (RWMP) and adoption by the City Manager. In October 2007, through a competitive bid process, the City awarded a contract to Kennedy/Jenks Consultants to prepare the RWMP Phase I, which was completed in January 2009. The RWMP Phase I provides standards and guidelines consistent with local, state and federal laws, regulations and policies for the City to work with its existing and future customers to maximize the use of highly purified recycled water generated from the AWPF. The RWMP Phase I provides information on the significant developments affecting recycled water sources, supplies, demands, users, and costs so that the City can determine how to develop the first phase of a cost-effective recycled water system as part of the GREAT Program.

Phase I of the RWMP primarily focuses on the potential users, facilities, and infrastructure needs related to the production and distribution of recycled water through the Recycled Water Backbone System (RWBS). A planned component of the GREAT Program, the RWBS will slip-line and pipe burst a significant length of the abandoned Redwood Trunk Sewer line from the Advanced Water Purification Facility on Perkins Road, west along Hueneme Road, northward on Ventura Road to the RiverPark area. This construction technique and using the abandoned sewer line will minimize costs and corresponding traffic impacts. The RWMP identifies potential customers which can feasibly use recycled water from Phase I of the RWBS. These customers include the Vineyards and Victoria Lake golf courses, International Paper, City of Port Hueneme, and several parks and schools.

Staff is currently working to procure consulting services for the development and preparation of Phase II of the RWMP. The resulting agreement will include an operations plan in compliance with Title 22, modeling of the recycled water system, staffing plan, coordination with potential recycled water customers, and the development of standards for recycled water retrofits at customer sites.

FINANCIAL IMPACT

There are no financial impacts.

Attachment #1 – Recycled Water Master Plan Phase I

Note: The Recycled Water Master Plan Phase I has been provided to the City Council. Copies are available for review at the Circulation Desk in the Library after 6:00 p.m. on the Thursday prior to the Council meeting and at the City Clerk's Office after 8:00 a.m. on Friday.