



Meeting Date: 11 / 21 / 2006

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

Prepared By: Anthony Emmert Agenda Item No. L-3

Reviewed By: City Manager City Attorney Finance Planning

DATE: November 7, 2006

TO: City Council

FROM: Anthony Emmert, Water Resources Manager
Public Works Department, Water Resources Division

SUBJECT: Recycled Water Use Ordinance and Recycled Water Master Plan, Municipal and Industrial Recycled Water Backbone System, Addendum to the GREAT Program Environmental Impact Report, and the Water Conservation and Shortage Response Ordinance.

RECOMMENDATION

That City Council:

1. Approve the first reading by title only and subsequent adoption of an ordinance establishing the requirements for use of recycled water.
2. Authorize the implementation of the Municipal and Industrial (M & I) Recycled Water Backbone System.
3. Authorize the preparation and implementation of a Recycled Water Master Plan.
4. Approve the Addendum to the Groundwater Recovery Enhancement and Treatment (GREAT) Program Environmental Impact Report (EIR), which provides the California Environmental Quality Act (CEQA) compliance support for the Recycled Water Use Ordinance and the M & I Recycled Water Backbone System.
5. Approve the first reading by title only and subsequent adoption of an ordinance for water conservation and water shortage response.

DISCUSSION

Recycled Water. The Advanced Water Purification Facility (AWPF) of the City-approved GREAT Program will produce 6.25 million gallons per day of highly purified recycled water in 2010, and up to 25 million gallons per day at full build-out. The GREAT Program will utilize the majority of the recycled water for agricultural irrigation and for injection into the overdrafted Oxnard Plain Groundwater Basin Lower Aquifer System to maintain a barrier to seawater intrusion. The GREAT Program Advanced Planning Study and GREAT Program Environmental Impact Report included the use of the recycled water for non-potable industrial processes and landscape irrigation (municipal and

industrial uses), but the study and the report determined not to implement such uses during the first two phases of the GREAT Program, due to the higher cost of constructing a recycled water distribution system within the existing developed areas of the City.

Recently, a relatively low-cost opportunity has arisen to construct the first phase of a recycled water distribution system, by slip-lining a significant length of recently-abandoned wastewater pipeline. This new Municipal and Industrial (M&I) Recycled Water Backbone System would transmit the recycled water product from the AWPf on Perkins Road, west on Hueneme Road, north on Ventura Road, as far as the RiverPark Project area. A number of potential recycled water users are conveniently located adjacent to this proposed pipeline alignment. In addition, the RiverPark Project has installed recycled water distribution piping within the project area, in anticipation of future recycled water deliveries.

The Recycled Water Use Ordinance and Recycled Water Master Plan are complementary documents which establish the institutional framework for the City to work with its existing and future customers to maximize the use of the GREAT Program-generated, highly purified recycled water. The ordinance implements existing State law that requires the use of recycled water in instances where it is available at an adequate quality and competitive cost.

The ordinance also mandates the preparation of a Recycled Water Master Plan. This document designates "mandatory recycled water use areas" within the City. The plan does so through identification of higher volume potential recycled water users located in areas where recycled water will be available (along the alignment of the M & I Recycled Water Backbone System and other areas adjacent to GREAT Program facilities). Staff expects to complete the Recycled Water Master Plan in May 2007. Between the effective date of the ordinance and the completion of the master plan, Public Works Department and Development Services Department staff will work with potential users in the mandatory use areas to make necessary arrangements for facilities, training, and public education to anticipate the use of recycled water.

Water Shortage Response. The Water Shortage Response Ordinance updates and simplifies the current water shortage emergency provisions of the Oxnard City Code. The ordinance authorizes the City Council to customize its water shortage response requirements through adoption of a resolution based on the then existing water shortage conditions. Appropriate water shortage responses will be achieved through a combination of public education, rationing, prohibition of certain uses and penalties for wasteful use.

California Environmental Quality Act (CEQA). CEQA compliance for the Recycled Water Use Ordinance, the Recycled Water Master Plan, and the M & I Recycled Water Backbone System is accomplished through an addendum to the GREAT Program programmatic environmental impact report (PEIR) approved by the City Council in September 2004. The PEIR extensively analyzed the impacts associated with the generation and use of highly purified recycled water. The addition of the ordinance, the master plan, and the backbone system to the GREAT Program are considered minor changes to the GREAT Program, none of which either add previously unidentified significant environmental impacts or increase the intensity of the previously identified significant impacts already addressed in the PEIR. Thus the addendum is the appropriate CEQA compliance document associated

with the approval of these items.

FINANCIAL IMPACT

The costs associated with the two ordinances and the Recycled Water Master Plan is nominal. The costs associated with the implementation of the M & I Recycled Water Backbone System are currently estimated at \$24 million. Staff anticipates that the M & I Recycled Water Backbone System will be designed, funded, and constructed in phases, over several years. The Water Revenue Project Bonds, Series 2006 included funding the Recycled Water Backbone Project. Funds are available in 601-6552-821-8604 Project 066009 GREAT Program. Staff anticipates that future phases will be included in the City's Capital Improvement Program budget, and will be funded through Water Resource Development Fees, Capital Connection Charges, the sale of additional revenue bonds, grants, as well as the future sale of recycled water.

AAE:aae

- Attachment #1 - Recycled Water Use Ordinance
#2 - Municipal & Industrial Recycled Water Backbone System Study
#3 - Addendum to the GREAT Program PEIR for M & I Recycled Water Backbone System
#4 - Water Conservation and Water Shortage Response Ordinance

Note: The Recycled Water Use Ordinance, Water Shortage Response Ordinance, M & I Recycled Water Backbone System Study, Addendum to the GREAT Program PEIR, and Water Conservation and Water Shortage Response Ordinance have been provided to the City Council. Copies are available for review at the Circulation Desk in the Library and at the City Clerk's Office after 5:00 p.m. on Thursday, November 16, 2006.