



City Council Report

Date: May 7, 2018
To: City Council
Through: Karolyn Kent, Assistant City Manager
From: Jake West, Water Resources Department Director
Subject: Greenfield Water Reclamation Plant Intergovernmental Agreement

Purpose and Recommendation

Council is requested to approve and authorize the City manager to enter into an Intergovernmental Agreement for the Construction, Operation and Maintenance of the Greenfield Water Reclamation Plant (GWRP) by and between the City of Mesa, as well as the Towns of Gilbert and Queen Creek as joint owners of the GWRP. The Agreement amends and restates an existing Agreement for the joint ownership in the GWRP Facilities.

Background/Discussion

The GWRP is a joint facility and partnership between the City of Mesa, Town of Gilbert and Town of Queen Creek, with Mesa serving as Lead Agent and Plant operator. Mesa and Gilbert conducted a preliminary study into the feasibility of constructing a joint use wastewater treatment facility in 1995. In 1997, the City and Town entered a comprehensive IGA that provided for acquisition of the future GWRP property, and construction of an interim headworks and lift station capable of handling 4.3 million gallons per day. The original Facility pumped the wastewater up to Mesa's Southeast Water Reclamation Plant for wastewater treatment.

In 2004, the parties agreed that it was desirable expand the GWRP into a wastewater treatment facility, and that the Town of Queen Creek also join as a participant. Therefore, the current Intergovernmental Agreement for the Construction, Operation and Maintenance of the GWRP was signed by the Parties in 2004. The GWRP currently has a liquid treatment capacity of 16 million gallons per day (MGD), with Mesa's capacity at 4MGD. Mesa currently has 12MGD of solids handling capacity, to account for additional solids sent from the Southeast Plant.

By 2015, it was identified that the GWRP would need to be expanded to accommodate growth and anticipated future demand. The expansion will provide {00272928.1}

Mesa with a total of 14 MGD of liquids handling capacity, and 22MGD for solids.

At Gilbert's request, the GWRP partnership took this opportunity to discuss amending the IGA. The proposed Amended IGA reflects efforts to broaden the Capital Improvement Program and Operation and Maintenance Budgetary processes, allow for substituting out the billing parameter of Biochemical Oxygen Demand (BOD) with Chemical Oxygen Demand (COD), more clearly define the duties of the Greenfield Management Committee. In addition, the proposed IGA includes amended Exhibits to reflect the Phase III expansion capacities and costs to each of the Parties. The Parties also had discussions regarding use of the "buffer" property around the current footprint of the Plant, which may result in a further minor amendment in the future.

Alternatives

Council may choose not to approve the Agreement and authorize its execution. In this case, the existing Agreement would remain in place until amended, superseded or terminated by mutual consent of the Cities.

Fiscal Impact

The City of Mesa would not incur additional fiscal impacts from this Agreement.

Coordinated With

Development of the Intergovernmental Agreement for the Construction and Operation of the Greenfield Water Reclamation Plant was coordinated between various representatives of the City of Mesa and the Towns of Gilbert and Queen Creek, including significant discussions with technical and legal staff from all three partners.