

Exhibit G
Summary Scope of Work Document as prepared by CH2M HILL
INDIRECT POTABLE REUSE INVESTIGATION IN TUCSON, ARIZONA
(WateReuse-13-09)

To meet the needs of the greater Tucson Metropolitan area, the City of Tucson and Tucson Water is exploring the concept of potable reuse as a means to diversify and expand their water portfolio. Preliminary studies indicate the use of the traditional treatment approach, including microfiltration (MF), reverse osmosis (RO), and ultraviolet advanced oxidation process (UVAOP), as a cost-effective method to attain reuse goals. As other communities also look to expand future water supplies through reuse, an opportunity exists to explore the efficacy of alternate methods of treatment. Alternative treatment approaches for potable reuse must continue to provide multiple treatment barriers for organics and pathogens, adequately remove salts, utilize energy more efficiently, and effectively mitigate concentrate disposal.

Tucson Water, the University of Arizona, and CH2M Hill will examine possible treatment approaches that will guide water managers to improved practices. CH2M HILL submitted a proposal to the Water Reuse Research Foundation (WRRF) in collaboration with Tucson Water and the University of Arizona (UofA) for the *Indirect Potable Reuse Investigation in Tucson, AZ* (Project). This summary Scope of Work Document is a derivative work of the Project Proposal as follows:

Task 1 – Pilot Design. The pilot system will be designed to include NF, ozone, and BAC/GAC filtration. The pilot plant will be located on Tucson Water's Reclaimed Water Treatment Plant site. Extraction water from the Sweetwater Recharge Basins will be provided by a well within close proximity to the site.

Task 2 – Pilot Construction. The University of Arizona will provide three pilot skids for this research: (1) a RO/NF pilot skid located in a mobile trailer; (2) an ozone oxidation and disinfection pilot skid; and (3) a BAC/GAC filter skid. Tucson Water will construct the pilot testing facilities including setting the equipment, electrical connections, mechanical connections, etc.

Task 3 – Pilot Operations. The pilot will be operated in two 3-month phases of alternative pilot configurations. Side-stream NF treatment will be tested during Phase I for a period of three months. The testing protocol for Phase II, which will also last three months, is dependent on Phase I results but will include an additional filter column with virgin GAC to compare trace organic removal to BAC and/or full-stream NF treatment to compare finished water quality to side-stream NF treatment. The University of Arizona will be the lead operator and will prepare a pilot operations narrative report on a bi-weekly basis. Treatment processes will be regularly monitored and recorded for key performance criteria. CH2M HILL will oversee the overall pilot plant operation and provide general oversight on a bi-weekly basis.

Task 4 – Final Report. CH2M HILL will issue a draft and final report. The University of Arizona will be responsible for contributing significantly to the report, including completing sections on literature review, research materials and methods, results and discussion, and conclusions.

Task 5 - Project Management. CH2M HILL will provide project management for the contracts and subcontracts related to this project. This includes progress reporting, team coordination, and budget and schedule management. In addition a project management plan will be developed at the onset of the project.