



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: September 16, 2011

TO: Natural Resources and Culture Committee - Agenda of September 28, 2011

FROM: Roger Bailey, Director of Public Utilities

SUBJECT: Monthly Update on the Indirect Potable Reuse/Reservoir Augmentation Demonstration Project

On August 3, 2011, the Public Utilities Department provided an update on the Indirect Potable Reuse/Reservoir Augmentation Demonstration Project (Demonstration Project) to the City Council's Natural Resources and Culture Committee (ITEM-3A). The primary subject of that update consisted of a report on the San Diego County Water Authority public opinion survey.

This is a monthly progress report on development of the individual tasks budgeted within the Demonstration Project. The following activities have occurred this summer:

Independent Advisory Panel

- The Demonstration Project's Independent Advisory Panel (IAP) met on June 6 and 7, 2011. In addition to the ten IAP members, the meeting was attended by representatives of the California Department of Public Health (CDPH), the San Diego Regional Water Quality Control Board, the San Diego County Water Authority, and City project staff and consultants. The major topics of the meeting were the Advanced Water Purification Facility (AWPF) Testing and Monitoring Plan, progress on the San Vicente Reservoir Limnology Study, and a tour of the AWPF facility.

Public Outreach & Education

- Following a mayoral press conference on June 30 and specialized stakeholder tours in June and early July, the Advanced Water Purification Facility opened for tours to the general public on July 19 and since that time has hosted 77 tours with 737 participants. Participants have included San Diego residents and elected officials, such as City Councilmembers Alvarez, Faulconer, Gloria and Lightner, Mayor Jerry Sanders and staff, mayors of Del Mar and Solana Beach, and staff members for State Assemblymember

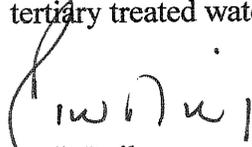
Jones, State Senator Anderson, U.S. Representative Issa and U.S. Senator Boxer. Other notable participants included representatives from the Audubon Society, the U.S. EPA, U.S. Department of the Interior, Office of Management and Budget, and the San Diego chapter of the WaterReuse Association.

- On July 20, 16 high school students and faculty from the Elementary Institute of Science (EIS) visited the AWPf where they received a presentation on the Water Purification Demonstration Project and a tour of the AWPf. Following the tour, project staff facilitated a brainstorming session with the students to develop science project ideas for the upcoming fall session of the EIS Commission on Science that Matters program. The EIS students will be learning about the many components of the City's Demonstration Project to create childhood educational materials for students at EIS and throughout San Diego.
- On August 13 and 14, the Demonstration Project was represented at the Fiesta del Sol community event at Cesar Chavez Park in Barrio Logan. This two-day festival provided an opportunity to enhance the Project's multicultural outreach efforts. The Demonstration Project partnered with the "San Diegans Waste No Water" campaign staff to educate community members about both important programs.
- The Speakers Bureau has completed 92 presentations to date and continues to schedule presentations for community planning groups, neighborhood associations, civic organizations, multi-cultural groups and groups recommended by City Council offices. Following each presentation, guests are invited to attend upcoming tours of the AWPf. A list of upcoming presentations available to the public can be found on the project website at www.PureWaterSD.org. The website also includes a list of completed presentations, the latest project information, and upcoming citywide community events.
- Due to the mayoral press conference, as well as ongoing media interest in the Demonstration Project, there has been a steady cycle of news coverage including stories on Time magazine's blog, the Huffington Post, NBC San Diego, Channel 10, San Diego News Room, San Diego Union-Tribune, Voice of San Diego, KPBS radio, San Diego Coastkeeper newsletter, the Association of California Water Agencies (ACWA) News, American Water Works Association (AWWA) Streamlines, Epoch Times, the American Planning Association blog, Water Tech Online, Desalination & WaterReuse news, and the Southern California Alliance of Publicly Owned Treatment Works newsletter.
- More recently, a Demonstration Project speakers bureau representative participated as a panelist on the September 13 "Water Talks" community forum series co-hosted by the San Diego County Water Authority and the San Diego Regional Chamber of Commerce. The Demonstration Project was the topic of the City presentation.
- The WaterReuse Association honored the City for its public education and outreach program for the Demonstration Project with the *2011 WaterReuse Public Education*

Program of the Year Award. The award recognizes education programs whose outreach enhances a better appreciation of water resources, management and conservation.

Operation of Advanced Water Purification Facility

- Routine Water Sampling – August 1st marked the official beginning of the demonstration testing and monitoring program. Routine water sampling began to assess performance of individual unit processes and characterize North City Water Reclamation Plant tertiary water quality.
- As an anecdotal note, more than 200 acre feet, or 65 million gallons, of purified water has been produced at the Advanced Water Purification Facility and has been added to the tertiary treated water delivered to our recycled water customers.



Roger S. Bailey
Director of Public Utilities

cc: Marsi A. Steirer, Deputy Director