

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
WATER QUALITY ADVISORY COMMITTEE MEETING

Thursday, April 12, 2001  
MAG Office Building  
Phoenix, Arizona

MEMBERS ATTENDING

Roger Klingler, City of Scottsdale, Chairman  
Robert Hollander, City of Phoenix  
Eugene Jensen, Citizen Representative  
Patrick Clay, U of A Cooperative Extension  
Elaine Arena, Elaine Arena Associates  
Rick Rhoads for Cato Esquivel, City of Goodyear  
Dale Bodiya for John Power, Maricopa County Environmental Services Department

Dave Siegel, City of Chandler  
Esmeralda Avila, City of Avondale  
Chris Zapata, City of Glendale  
John Boyer, Pinnacle West Capital  
Dick Bradford for Bill Haney, City of Mesa  
\*Lonnie Frost, City of Gilbert  
\*Gene Cetwinski, Valley Forward Association  
\*Ray Hedrick, Salt River Project  
\*Laura Watson, Citizen Representative  
\*David McNeil, City of Tempe  
\*Kevin Kadlec, City of Peoria

\*Those members neither present nor represented by proxy.

OTHERS PRESENT

Amanda Carr, ADEQ  
Tina Wesoloskie, ADEQ  
Robert McCandless, Damon S. Williams Associates  
Damon Williams, Damon S. Williams Associates  
Rich Campbell, Witney, Tobin, Anderson and Morris

Kris Kommalan, ADEQ  
John Kivett, ADEQ  
Jerry Rathke, ADWR  
Gary Ullinskey, City of Phoenix  
Doug Williams, Maricopa County Flood Control District  
Brenda Geisen, Maricopa Association of Governments

1. Call to order

A meeting of the MAG Water Quality Advisory Committee was conducted on Thursday, April 12, 2001 at 10:00 a.m. Roger Klingler, Chairman, City of Scottsdale, called the meeting to order.

2. Approval of the March 6, 2001 Meeting Minutes

The Committee reviewed the minutes from the March 6, 20001 meeting. Dave Siegel, City of

Chandler, moved, and Robert Hollander, City of Phoenix, seconded and it was unanimously carried to approve the minutes from the March 6, 2001 meeting.

At this point, there was a brief pause in the meeting for MAG staff to repair technical difficulties. An informal discussion ensued.

3. Draft MAG Water Quality Management Plan Amendment for the City of Phoenix North Gateway Water Reclamation Plant

Chairman Klingler indicated that agenda item number three was for information, discussion, and possible authorization to conduct a public hearing on the Draft 208 Plan Amendment for the City of Phoenix North Gateway Water Reclamation Plant. Rob McCandless, Damon S. Williams Associates, provided a presentation on the proposed facility.

Mr. McCandless indicated that the City of Phoenix is requesting that the proposed North Gateway Water Reclamation Plant, identified in the current MAG 208 Plan as the Biscuit Flats Water Reclamation Plant with an ultimate capacity of 12.5 million gallons per day (mgd), be added to the MAG 208 Plan. The proposed facility would have an ultimate capacity of 32 mgd and would dispose of reclaimed water through reuse, recharge or discharge to Skunk Creek.

Mr. McCandless indicated that the proposed plant would be located immediately east of Interstate 17 and north of the Central Arizona Project Canal. Mr. McCandless indicated that the population and flow projections are based on the City of Phoenix Planning Department Black Canyon Corridor Plan, and that POPTAC population estimates are used in the draft amendment for comparative purposes only.

Mr. McCandless identified plans for an initial Phase I plant capacity of 4.0 mgd, followed by a Phase II capacity of 8 mgd and subsequent expansions of 8 mgd each to reach an ultimate capacity of 32 mgd.

Mr. McCandless indicated that the unit processes to be performed at the proposed plant include screening, grit removal, primary sedimentation, nitrification/denitrification secondary sedimentation, filtration, and ultraviolet disinfection. A primary clarifier would be added with the Phase II expansion. The site has been planned to accommodate a possible a regional solids handling facility to serve both the proposed Phoenix North Gateway Plant and the existing Phoenix Cave Creek Water Reclamation Plant.

Mr. McCandless indicated the facility would employ appropriate odor and noise control features, and setback requirements would meet or exceed Maricopa County Environmental Services Department requirements.

Dale Bodiya, Maricopa County Environmental Services Department, inquired about the location of the proposed plant relative to the floodplain, and how access to the plant would be

accommodated.

Mr. McCandless indicated the appropriate permits would be obtained for operations of the plant, and the City of Phoenix is currently working on the design for the access road.

Gary Ullinskey, City of Phoenix, indicated that a road was planned to provide future access to the plant and other city facilities such as a solid waste management facility and public works facility.

Eugene Jensen, Citizen Representative inquired whether the plant design would provide adequate flood protection.

Mr. McCandless indicated that the flood protection in the design of the project had been based on the 100 year floodplain as delineated in the Skunk Creek Watercourse Master Plan by ASL for Maricopa County Flood Control District.

Mr. Bodiya inquired about the capacity of the bypass sewer downstream of the proposed plant.

Mr. McCandless indicated that 19 mgd capacity was planned for the line to transport return flows from the plant. He indicated that the 30 inch interceptor immediately upstream of the influent diversion to the plant has a capacity of approximately 19 mgd. The interceptor sewer immediately downstream of the influent diversion, where flows would be returned, is a 21 inch sewer. All wastewater collected within the Phoenix North Gateway Plant service area downstream of the influent diversion would be conveyed by force main to the influent diversion.

Mr. Bodiya inquired whether redundancy was planned for the facility.

Mr. McCandless indicated Phase II plans include redundancy. In Phase I, the entire plant flow of 4.0 mgd could be passed to the 91<sup>st</sup> Avenue Wastewater Treatment Plant.

Chairman Klingler inquired about the location, service area, and current status of the Phoenix Cave Creek Plant.

Mr. McCandless indicated the facility is currently in the startup phase and is located five miles east of the proposed North Gateway Plant. The Cave Creek Plant would handle flow from the area east of the North Gateway Plant.

Chairman Klingler indicated that this agenda item was for information, discussion and possible authorization to conduct a public hearing on the Draft 208 Plan Amendment. Robert Hollander inquired whether it would be appropriate for a representative of the City of Phoenix to vote on the potential authorization to conduct a public hearing on the Draft 208 Plan Amendment for the City of Phoenix Plant. Chairman Klingler indicated that it has been common practice for members of various MAG committees, such as the MAG Regional Council, to vote on agenda items that may affect their city.

Mr. Siegel moved and Mr. Bodiya seconded, and it was unanimously passed that a public hearing be conducted on the Draft 208 Plan Amendment for the City of Phoenix North Gateway Water Reclamation Plant.

4. Presentation on Current and Future Arizona Department of Environmental Quality (ADEQ) Activities at the Motorola 52<sup>nd</sup> Street Superfund Site

Chairman Klingler indicated that agenda item number four was for information and discussion. Amanda Carr and Kris Kommalan of ADEQ provided a presentation on the Motorola 52<sup>nd</sup> Street Superfund Site.

Ms. Carr indicated the site boundaries encompass an area of groundwater contamination extending from 52<sup>nd</sup> Street on the east to at least 16<sup>th</sup> Street on the west. The contamination originated from the Motorola 52<sup>nd</sup> Street facility, the Honeywell (formerly Allied Signal) 34<sup>th</sup> Street facility, and possibly other industrial facilities in the area. Historical spills or releases of commercial and industrial solvents caused the contamination.

Ms. Carr indicated the site has been divided into three operable units. Operable Unit One consists of an expanded groundwater treatment system to contain and treat the solvent contamination. Operable Unit Two consists of a groundwater pump and treat remedy to contain the plume near 16<sup>th</sup> Street, to begin cleaning the groundwater, and to prevent further spreading of contamination.

Ms. Carr indicated that Operable Unit Three is currently being evaluated by the U.S. Environmental Protection Agency (EPA) and ADEQ for groundwater contamination. Upon completion of the investigation, EPA and ADEQ will determine the final site boundaries and select a final remedy for the entire site. Ms. Carr indicated that a Citizens Advisory Committee was being formed and ADEQ has provided many public presentations on site cleanup activities.

Chairman Klingler inquired about ownership of the water credits for the processed water that is added to the canal system from the cleanup operations and whether the processed water is used in industry.

Ms. Kommalan indicated that she believes Salt River Project obtains credits from the processed water added to the canal, and some water from the cleanup is used for cooling in nearby industry such as the On Semiconductor Plant.

5. Presentation on Watercourse Masterplan West Valley New River and Agua Fria Rivers Project

Chairman Klingler indicated that agenda item number five was for information and discussion. Doug Williams of the Maricopa County Flood Control District provided a presentation on the West Valley New River and Agua Fria Rivers Project. He indicated that the project is comprised of two components: the Agua Fria Master Plan and the New River and Agua Fria River Multi-

Modal Corridor Study.

Mr. Williams indicated that the Comprehensive Flood Control Plan includes hydraulic engineering analyses with future land use and development and environmental considerations. He indicated that the Plan is authorized by A.R.S. § 48-3609.01 and funding is provided by the Flood Control District.

Mr. Williams indicated the purpose of the project is to protect the public from hazards due to flooding, address bank erosion, provide opportunities for integration of open space, recreation and floodplain management, and to consider the impact of development on the waterway. He indicated structural and non-structural alternatives would be considered.

Mr. Williams indicated goals of the project include a reduction in the need for public funds for emergency management related to flood control and conservation of sensitive habitats and cultural resources where appropriate. He indicated that public involvement has been encouraged throughout the project.

Mr. Williams indicated regional connections would be established through multi-modal trails to connect sites such as schools, employment centers, neighborhoods, parks and shopping centers. He indicated that data collection and analyses are complete, and development of potential alternatives and potential routes are nearly complete. Upon completion of these items, an action plan will be developed, and it is anticipated that completion of the project may occur in the Summer 2001.

Mr. Jensen indicated a concern that cross purposes are occurring in water quality management. He indicated concern that one group is working to dispose of wastewater at low cost and another group is working to keep the water that is already there clean. He indicated that MAG should consider his concern at the policy level.

Mr. Williams indicated that the Governor has appointed a task force through water resources to evaluate recharge as a result of opposition to offline industry recharge. The task force has been charged with preparing a report on constructed versus managed options and related issues.

Chris Zapata, City of Glendale, indicated that if Mr. Jensen wanted further consideration of his concern by the Water Quality Advisory Committee members, he may want to research the topic and provide members with a summary of his concerns and recommendations for a potential solution.

Mr. Jensen indicated that he may consider this option, but he has time constraints which may make it difficult to put together a summary of his concerns.

Chairman Klingler indicated that it appears that water specialists are seeking possibilities to coordinate groundwater recharge and use of water for habitat and aesthetic purposes.

Ms. Geisen indicated that the MAG Regional Council is the decision-making body of MAG, and the Council considers recommendations provided by the MAG Management Committee. She indicated that the MAG Management Committee considers recommendations provided by the MAG Water Quality Advisory Committee, and technical evaluation of water quality issues such as disposal of effluent through reuse, recharge and discharge is one of the functions of the Water Quality Advisory Committee.

6. Call to the Public

An opportunity was provided to members of the public to address the Water Quality Advisory Committee. No comments were presented. Chairman Klingler then called for adjournment of the meeting.