

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

Thursday, February 12, 2015
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

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| Heather Finden for Randy Gottler, Phoenix
Barbara Chappell, Avondale, Vice Chair | David McNeil, Tempe |
| * Arnold Coronado, Buckeye | * Mark Berrelez, Tolleson |
| * Anupa Jain, Chandler | Kevin Chadwick, Maricopa County |
| Larry Dobrosky, El Mirage | * Henry Day, Arizona Public Service Company |
| Mark Horn, Gilbert | Jim Kudlinski, Salt River Project |
| Javier Setovich, Glendale | Edward Martin, University of Arizona Maricopa
County Cooperative Extension |
| Mark Seamans, Goodyear | * Michael Byrd, Salt River Pima-Maricopa Indian
Community |
| Daniel Cleavenger, Mesa | * Carole Coe Klopatek, Fort McDowell Yavapai
Nation |
| Roger Carr for Michael Weber, Peoria | Elisabeth Kahn for Glenn Stark, Gila River Indian
Community |
| * Greg Homol, Queen Creek | |
| Suzanne Grendahl, Scottsdale | |
| Terry Lowe, Surprise | |

*Those members neither present nor represented by proxy.
#Attended by telephone conference call.
+Participated via video conference call.

OTHERS PRESENT

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| Julie Hoffman, Maricopa Association of
Governments | Bhaskar Kolluri, Liberty Utilities |
| Kara Johnson, Maricopa Association of
Governments | Steve Carlson, Liberty Utilities |
| | Richard Humphreys, Carollo Engineers |
| | Scott Miller, Arizona Public Service Company |
| | Scot Mussi, Reliant Consulting |

1. Call to Order

A meeting of the MAG Water Quality Advisory Committee (WQAC) was conducted on Thursday, February 12, 2015. Barbara Chappell, City of Avondale, Vice Chair, called the meeting to order at approximately 3:30 p.m.

2. Call to the Audience

Acting Chair Chappell provided an opportunity for members of the public to address the Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG or items on the agenda for discussion, but not for action. According to the MAG public comment process, members of the audience who wish to speak are requested to fill out comment cards, which are available on the tables adjacent to the doorways inside the meeting room. Citizens are asked not to exceed a three minute time period for their comments. Acting Chair Chappell noted that no public comment cards had been received.

3. Approval of the December 18, 2014 Meeting Minutes

The Committee reviewed the minutes from the December 18, 2014 meeting. Larry Dobrosky, City of El Mirage, moved and Javier Setovich, City of Glendale, seconded, and the motion to approve the December 18, 2014 meeting minutes carried unanimously.

4. Public Hearing - Draft MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014

Acting Chair Chappell opened the public hearing on the Draft MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014. She stated that following a briefing on the amendment, hearing participants are invited to make comments for the public record. A court reporter is present to provide an official record of the hearing. Written comments are also welcome. Acting Chair Chappell stated that those wishing to speak on the draft amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014, please fill out a public hearing card which are available on the tables inside the meeting room.

Richard Humphreys, Carollo Engineers, provided an overview of the Draft MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014. He stated that the amendment is sponsored by the City of Glendale and Maricopa County. The service area expansion proposed in the amendment is located entirely within the City of Glendale planning area and includes Maricopa County islands.

Mr. Humphreys discussed the two purposes of the amendment. He indicated that developers in the land areas immediately north of the current Liberty Utilities service area boundary have asked Liberty Utilities to serve their developments. Secondly, the service area expansion provides a way for Maricopa County lands currently served by septic systems to be connected to wastewater collection systems in the future.

Mr. Humphreys provided a map of the current Liberty Utilities service area. The map also displayed the Liberty Utilities current Certificate of Convenience and Necessity (CC&N) boundary. He noted that the service area is larger than the CC&N area. He then presented a map of the service area expansion proposed in the 208 amendment.

Mr. Humphreys discussed that letters were received from organizations and local governments within three miles of the service area expansion. He indicated that the letters of no objection were received from the following communities: City of Avondale; City of El Mirage; City of Goodyear; City of Litchfield Park; City of Peoria; City of Phoenix; City of Surprise; Town of Youngtown; and Luke Air Force Base. Some entities included in their letters a request that any expansion or growth and development not impact the mission of Luke Air Force Base. It was requested that plans and drawings be reviewed by Luke Air Force Base to ensure no impact. Liberty Utilities has agreed to comply with this request. Mr. Humphreys stated that the Section 208 of the Clean Water Act Checklist has been completed and is available in Appendix D of the amendment.

Mr. Humphreys reported that Liberty Utilities currently operates the Palm Valley Water Reclamation Facility. In addition, Liberty Utilities has the option for a future facility, the Sarival Water Reclamation Facility. He displayed a map of the areas to be served by the Palm Valley Water Reclamation Facility and future Sarival Water Reclamation Facility. The future facility would be located at the current Sarival lift station that currently pumps wastewater flows to the Palm Valley

Water Reclamation Facility. Mr. Humphreys indicated that the proposed service area expansion is within the Palm Valley Water Reclamation Facility service area.

Mr. Humphreys stated that the 208 amendment does not require any change to the previously approved capacity of the Palm Valley and Sarival Water Reclamation Facilities. The approved buildout capacity for each facility is 8.2 million gallons per day (mgd) with a total of 16.4 mgd for both facilities. Mr. Humphreys indicated that additional wastewater loads have been calculated for the previously approved amendments. This proposed draft amendment has an additional flow of 1.97 mgd which results in a total projected wastewater flow of 15.24 mgd; this is less than the 16.4 mgd by 1.16 mgd. Therefore, there is still seven percent of the planned capacity of the water reclamation plants that is available for future expansions.

Mr. Humphreys discussed the land use in the service area expansion. He indicated that in order to calculate projected wastewater flows, the land use classifications were utilized from the City of Glendale Land Use Plan. The land use in the service area expansion is comprised of: low density residential; medium density residential; medium-high density residential; high density residential; commercial; business park; light industrial; heavy industrial; and Luke compatible land use areas. The acreage, the dwelling units per acre, and the expected population at build-out for these areas were identified, which equated to an additional population of 7,474 individuals that would be served.

Mr. Humphreys displayed the anticipated wastewater flows for the existing and future development in the Liberty Utilities service area. The residential area unit load or gallons per capita per day flows are conservative at 100 gallons per capita per day. Values of 500, 800, and 700 gallons per acre per day were calculated for nonresidential area wastewater loads. The estimated daily flow from the service area expansion is approximately 1.96 mgd. Mr. Humphreys also indicated that peak hour flows for the plant capacity planning, as well as pipes and interceptors for wastewater flow, is estimated to be 5.89 mgd.

Mr. Humphreys also presented a map of the capital improvement projects that would provide wastewater flow to the service area expansion. He stated that capital improvements have been planned to convey the wastewater from these new areas, to intersect with existing interceptors, and convey flows to the Palm Valley Water Reclamation Facility. Mr. Humphreys noted that pipes were sized for incoming development.

Mr. Humphreys mentioned conditions for the proposed Draft MAG 208 Plan Amendment. First, the land areas included in the proposed amendment are outside of the Luke Air Force Base flight path and will not pose any risk to Luke Air Force Base flight operations. Secondly, officials at Luke Air Force Base request the opportunity to review development plans to ensure that there is no negative impact to Luke Air Force Base. Mr. Humphreys stated that Liberty Utilities has agreed to comply with this request. In addition, with the service area expansion, the Desert Gardens apartment complex will have the option to connect to the Liberty Utilities collection system upon payment of requisite fees. He noted that Desert Gardens currently has its own package wastewater treatment plant. Finally, the expansion will not affect any existing facilities and certificated areas.

Mr. Setovich commented that this draft amendment is a reminder of good things occurring in Glendale and the West Valley. He indicated that Glendale looks forward to moving ahead with this amendment.

Dr. Edward Martin, University of Arizona Maricopa County Cooperative Extension, asked if those on septic will just have the option to go on the sewer system and not be compelled to connect. Mr.

Humphreys responded that those on septic systems are not compelled to switch to sewer service. He indicated that this amendment provides an option if they choose to switch in the future.

Mr. Dobrosky inquired if Maricopa County would reissue septic permits or would the citizens have to connect to the sewer system if the septic system fails. Mr. Humphreys replied that he is not aware of any Maricopa County efforts to issue any kind of permits. Kevin Chadwick, Maricopa County, indicated that it is Maricopa County's policy to reissue on-site wastewater permits for repair, replacement, or new permits even if there is a sewer line in front of the residence. Mr. Chadwick noted that in incorporated areas, it depends on the policy of the community. He indicated that based on State rule, the County will abide by the applicable community's rule with regard to septic replacement or new installations in an area that can be sewerred.

Mr. Dobrosky asked Glendale's position. Mr. Setovich responded that Glendale does not provide water and wastewater service in the area being discussed. He noted that it is out of the jurisdiction of the Glendale Water Services Department and there is no set policy at this point.

Acting Chair Chappell called for additional public comments. Hearing none, Acting Chair Chappell closed the public hearing and requested that the Court Reporter end the transcription.

5. Draft MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014

Acting Chair Chappell provided an opportunity for the Committee to discuss the Draft MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014.

Acting Chair Chappell indicated that the Committee is requested to recommend approval of the Draft MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014. Roger Carr, City of Peoria, moved and Terry Lowe, City of Surprise, seconded, and the motion to recommend approval of the MAG 208 Water Quality Management Plan Amendment for the Liberty Utilities Palm Valley and Sarival Water Reclamation Facilities Service Area Expansion 2014 passed with Dr. Martin abstaining.

6. Call for Future Agenda Items

Acting Chair Chappell asked the Committee for suggestions on future agenda items.

7. Comments from the Committee

Acting Chair Chappell invited comments from the Committee members. Hearing none, the meeting was adjourned at approximately 3:50 p.m.