

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

Wednesday, August 27, 2003
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

Roger Klingler, Scottsdale, Chairman	Phoenix: Robert Hollander
#Avondale: Esmeralda Avila	Surprise: Rich Williams Sr.
#Chandler: Jacqueline Strong	Tempe: David McNeil
#Gilbert: Kathy Rall for Lonnie Frost	Maricopa County: Dale Bodiya for John Power
Glendale: Chris Ochs	Pinnacle West Capital: John Boyer
#Goodyear: Joel Wade	Salt River Project: Ray Hedrick
#Mesa: Bill Haney	*U of A Cooperative Extension: Patrick Clay
Peoria: William Mattingly for Steven Bontrager	*Citizen Representative: Eugene Jensen

*Those members neither present nor represented by proxy.
#Attended by videoconference or by telephone conference call.

OTHERS PRESENT

Town of Buckeye: Joseph Blanton	Coe & Van Loo: Ken Knickerbocker
Town of Buckeye: Carroll E. Reynolds	Damon S. Williams Associates: Rob McCandless
City of Glendale: Larry Brotman	Camp Dresser McKee: Marty Craig
City of Glendale: Rick Scott	Maricopa Association of Governments: Heidi Pahl
Pulte Homes: Steve Kunzweiler	Maricopa Association of Governments: Brenda Geisen
Coe & Van Loo: Lani Good	

1. Call to Order

A meeting of the MAG Water Quality Advisory Committee was conducted on Wednesday, August 27, 2003 at 4:00 p.m. Roger Klingler, Chair, City of Scottsdale, called the meeting to order.

2. Approval of the July 28, 2003 Meeting Minutes

The Committee reviewed the draft minutes from the July 28, 2003 meeting. Chris Ochs, City of Glendale, moved and Dale Bodiya, Maricopa County Environmental Services Department, seconded, and it was unanimously carried to approve the minutes from the July 28, 2003 meeting.

3. Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Festival

Ranch Water Reclamation Facility

Chairman Klingler indicated that agenda item number three was for information, discussion and possible authorization to conduct a public hearing on the Draft MAG 208 Plan Amendment for the Town of Buckeye Festival Ranch Water Reclamation Facility. Chair Klingler introduced Ken Knickerbocker, Coe & Van Loo, to provide an overview of the project.

Mr. Knickerbocker indicated that the presentation was prepared using the Arizona Department of Environmental Quality (ADEQ) 208 Amendment Checklist. He indicated that the proposed Festival Ranch Facility would have an ultimate capacity of 4.0 million gallons per day (mgd). There are no existing wastewater treatment facilities in the Festival Ranch area. He indicated that existing plants in the Buckeye Municipal Planning Area include Sundance, Verrado, and the Town of Buckeye Wastewater Treatment Facility.

Mr. Knickerbocker indicated that future Festival Ranch Facility population projections are estimated at 34,000 based on a land use model. Phase I capacity would be 1.0 mgd and ultimate capacity would reach 4.0 mgd by approximately year 2015. He indicated that the facility would meet Best Available Demonstrated Control Technology (BADCT) requirements and include fine screening, secondary sequence batch reactor technology, filtration, ultraviolet disinfection, and sludge processing.

Mr. Knickerbocker indicated that no water quality problems from the facility are anticipated. The facility would produce Class A+ effluent with total nitrogen less than 10 milligrams per liter, and no detectable fecal coliform. Methods of effluent disposal would include open access irrigation, recharge & recovery, and an Arizona Pollutant Discharge Elimination System (AZPDES) discharge to Wagner Wash. The permitting process has been initiated for the Aquifer Protection Permit, Reuse Permit, and AZPDES Permit.

Mr. Knickerbocker indicated that the Festival Ranch Facility land is currently owned by 10,000 West LLC and the plant site and collection system would be dedicated to the Town of Buckeye. Reuse would occur at golf courses, greenbelt areas, and school areas, and there would be recharge. Sludge would be treated in an aerobic digester, dewatered with a belt press, and disposed at a permitted landfill.

Mr. Knickerbocker indicated that no non-point source issues are anticipated. Offsite storm water would be delivered to Wagner Wash, and onsite storm water retention would accommodate a 100 year, 2 hour storm. Facility construction financing would be through a Community Facilities District with initial financing by Pulte Homes. Pulte Homes would administer the plan until construction is completed. The Town of Buckeye would own and operate the facility. He indicated that user fees would fund plant operation and maintenance.

Mr. Knickerbocker indicated that the facility construction would be completed concurrently with the first model homes and no wastewater flow would be generated until the plant can accept flows. Public participation requirements would be satisfied by MAG.

Mr. Bodiya inquired how facility operation and maintenance would be funded prior to the arrival of

the first customers.

Mr. Knickerbocker indicated that Pulte Homes would provide the initial funding.

John Boyer, Pinnacle West Capital, inquired about plant setbacks and locations for recharge.

Mr. Knickerbocker indicated that the plant would have a setback of 350 feet and recharge basins would be constructed there.

Chair Klingler inquired whether Wagner Wash eventually flows into the Hassayampa River.

Mr. Knickerbocker indicated that Wagner Wash does flow into the Hassayampa River.

Bill Haney, City of Mesa, inquired whether a beneficial plant sludge use, such as land application, was being considered for the project.

Mr. Knickerbocker indicated that, currently sludge disposal at a permitted landfill is planned, but there has been discussion of potential upgrading of the sludge facilities to produce Class A solids.

William Mattingly, City of Peoria, inquired how the initial wastewater flows would be handled.

Mr. Knickerbocker indicated that initial flows would be vault hauled to a nearby established facility until the Festival Ranch plant has enough flow to operate.

Robert Hollander, City of Phoenix, indicated that the draft 208 amendment identified year 2018 as the scheduled build out but year 2015 was identified in the presentation and he requested clarification.

Mr. Knickerbocker indicated that the draft amendment had been prepared months ago with year 2018 as the anticipated build out, but since that time the year has been revised to 2015.

Kathy Rall, Town of Gilbert, inquired what percentage of the reclaimed water would be reused.

Mr. Knickerbocker indicated that, during the summer, 100 percent of the reclaimed water would be reused, and during spring and fall any remainder would be recharged.

Mr. Ochs moved to authorize that a public hearing on the Draft MAG 208 Plan Amendment for the Buckeye Festival Ranch Facility be conducted. Mr. Hollander seconded and, through a roll call vote, it was unanimously passed by the Committee to authorize that a public hearing be conducted on the draft amendment.

4. Call to the Public

An opportunity was provided to members of the public to address the Water Quality Advisory Committee. No comments were received and the meeting was adjourned.