MARICOPA ASSOCIATION of GOVERNMENTS

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June 13, 2013

TO: Members of the MAG Solid Waste Advisory Committee

FROM: Christine Smith, Phoenix, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Thursday, June 20, 2013 - 10:00 a.m.
MAG Office, Suite 200 - Ironwood Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Solid Waste Advisory Committee has been scheduled for the time and place noted above. Members of the Solid Waste Advisory Committee may attend the meeting either in person, by videoconference or by telephone conference call. Those attending by videoconference must notify the MAG site three business days prior to the meeting. If you have any questions regarding the meeting, please contact Chair Smith or Julie Hoffman at 602-254-6300.

Please park in the garage underneath the building, bring your ticket, and parking will be validated. For those using transit, Valley Metro/Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

In 1996, the Regional Council approved a simple majority quorum for all MAG advisory committees. If the MAG Solid Waste Advisory Committee does not meet the quorum requirement, members who arrived at the meeting will be instructed a legal meeting cannot occur and subsequently be dismissed. Your attendance at the meeting is strongly encouraged. If you are unable to attend the meeting, please make arrangements for a proxy from your entity to represent you.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Jason Stephens at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

TENTATIVE AGENDA

	COMMITTEE ACTION REQUESTED
1. Call to Order	
2. Call to the Audience An opportunity will be provided to members of the public to address the Solid Waste Advisory Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Solid Waste Advisory Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.	2. For information.
3. Approval of the March 21, 2013 Meeting Minutes	3. Review and approve the March 21, 2013 meeting minutes.
4. City of Austin, Texas, Zero Waste Goal and Resource Recovery Master Plan In January 2009, the City of Austin, Texas, adopted a zero waste goal to reduce the amount of trash sent to landfills by 90 percent by the year 2040. The benefits of zero waste for the City include reducing the dependence on landfills, reducing Austin's greenhouse gas emissions, and generating new green jobs in the community. In December 2011, the Austin Resource Recovery Master Plan was approved, laying the groundwork for Austin's zero waste progress for the next 30 years and beyond. The Master Plan is located on the City of Austin website at: http://austintexas.gov/sites/default/files/files/Trash_and_Recycling/MasterPlan_Final_12.30.pdf. Bob Gedert, Director of Austin Resource Recovery, will give a presentation on the City's efforts to achieve zero waste.	4. For information and discussion.

5. Solid Waste Management Facilities and Services and Air Quality Considerations

The Maricopa County Air Quality Department is a regulatory agency whose goal is to ensure federal clean air standards are achieved and maintained for the residents and visitors of Maricopa County. Richard Sumner, Acting Permit Manager for the Maricopa County Air Quality Department, will give a presentation on solid waste management facilities and services and air quality considerations.

5. For information and discussion.

6. Update on the Regional Recycling Video

The members of the MAG Solid Waste Advisory Committee have expressed interest in producing a video, in cooperation with the Valleywide Recycling Partnership (VRP), to educate the public on the benefits of recycling. Initial discussions have revealed that short, 30-second to one-minute videos addressing waste reduction and recycling during the holiday season would complement the education efforts of VRP and the MAG member agencies. The holidays bring higher volumes of waste and recycling, an increase in contamination rates, and numerous questions on what is recyclable. An update will be provided.

6. For information and discussion.

7. Update on Regional Solid Waste Management Statistics

On April 2, 2013, a memorandum was distributed to members of the MAG Management Committee requesting updated regional solid waste and recycling data. Information on existing, planned, and closed facilities was also requested from the private sector. The data is being compiled to reflect the current solid waste management conditions in the region and will be useful to the MAG member agencies in evaluating current programs and opportunities for collaboration. An update will be provided.

7. For information and discussion.

8.	Call for Future Agenda Items The Chair will invite the Committee members to suggest future agenda items.	8. For information and discussion.
9.	Comments from the Committee An opportunity will be provided for Solid Waste Advisory Committee members to present a brief summary of current events. The Committee is not allowed to propose, discuss, deliberate or take action at the meeting on any matter in the summary, unless the specific matter is properly noticed for legal action.	9. For information.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
SOLID WASTE ADVISORY COMMITTEE MEETING

Thursday, March 21, 2013
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

Christine Smith, Phoenix, Chair
Louis Andersen, Gilbert, Vice Chair
Cindy Blackmore, Avondale
Elizabeth Biggins-Ramer, Buckeye
Sheree Sepulveda, Chandler
* Robert Senita, El Mirage
Christina Betz, Glendale
Willy Elizondo, Goodyear
* Chuck Ransom, Litchfield Park
Patrick Murphy, Mesa
Jerry Cooper, Paradise Valley
Maher Hazine for Rhonda Humbles, Peoria
Ramona Simpson, Queen Creek
* Richard Allen, Salt River Pima-Maricopa Indian Community
Manuel Castillo, Scottsdale
James Swanson, Surprise
* Charles Bladine, Tempe
* Helen Heiden, Arizona Chamber of Commerce and Industry
Veronica Garcia, Arizona Department of Environmental Quality
* Jill Bernstein, Keep Arizona Beautiful
Brian Kehoe, Maricopa County
* Dan Casiraro, Salt River Project
Chris Coyle, Valley Forward

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

OTHERS PRESENT

Julie Hoffman, Maricopa Association of Governments
Kara Johnson, Maricopa Association of Governments
John Trujillo, City of Phoenix
Dave Hauser, Republic Services
Willie Black, Waste Management

1. Call to Order

A meeting of the MAG Solid Waste Advisory Committee (SWAC) was conducted on Thursday, March 21, 2013. Christine Smith, City of Phoenix, Chair, called the meeting to order at approximately 10:10 a.m. Sheree Sepulveda, City of Chandler; Elizabeth Biggins-Ramer, Town of Buckeye; and Maher Hazine, City of Peoria, attended the meeting via telephone conference call.

2. Call to the Audience

Chair Smith 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. She noted that 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. Chair Smith noted that no public comment cards had been received.

3. Approval of the October 18, 2012 Meeting Minutes

The Committee reviewed the minutes from the October 18, 2012 meeting. Patrick Murphy, City of Mesa, moved, and Ramona Simpson, Town of Queen Creek, seconded and the motion to approve the October 18, 2012 meeting minutes carried unanimously.

4. City of Avondale Recycling Program and Joint Household Hazardous Waste Collection Events

Cindy Blackmore, City of Avondale, provided an overview of the Avondale Recycling Program and Joint Household Hazardous Waste Collection Events. She stated that the City of Avondale is celebrating the 10 year anniversary of their Recycling Program. The 10 year anniversary celebration was kicked off with staff at its quarterly meeting. Ms. Blackmore mentioned that in February, the Mayor of Avondale issued a proclamation recognizing the 10 year anniversary of the Recycling Program. She indicated that Avondale also celebrated its success at the Valleywide Recycling Partnership biannual meeting that was hosted by the City.

Ms. Blackmore discussed that coloring books for Avondale schools have been developed with the PIO Office. She noted that the coloring books being distributed to Avondale elementary schools celebrate the 10 year anniversary of the Recycling Program, but also educate school age children about recycling. Ms. Blackmore commented that for older students, a school essay contest is being explored in which students could write about what recycling means to the community. She commented that recently a recycling inspector read to children at the library, passed out promotional materials like pencils and coloring books, and introduced the Recycling Program mascot at the outreach event. Ms. Blackmore reported that Avondale plans to participate in outreach events every month this year to recognize the program and provide education and outreach to the community.

Ms. Blackmore discussed the beginning of the Avondale Recycling Program. She indicated that the City began recycling in 2003, however there was a two year planning and development process that the program went through before it was instated. Ms. Blackmore stated that many resources throughout the Valley were utilized to develop a program that would be successful in Avondale. When the program was introduced, approximately 14,500 houses were being serviced; today Avondale is serving over 22,000 households. Ms. Blackmore discussed that the Recycling Program has been a success and a positive change for the community.

Ms. Blackmore reviewed how the Recycling Program has made a difference in the community, both fiscally and environmentally. Ms. Blackmore stated that Avondale recycles over 5,000 tons per year in the curbside program. She noted that this rate has stayed consistent along with population. Ms. Blackmore reported that in 10 years Avondale residents have recycled over 50,000 tons saving: 850,000 trees; 2.05 million kilowatt hours; 350 million gallons of water; and 165,000 yards of landfill space. Additionally, fiscal savings have been realized through the Recycling Program as well. Ms. Blackmore mentioned that when the program was initiated, it's main focus was on recycling the materials and educating residents as opposed to the financial aspect. She commented that as the Recycling Program has matured, Avondale now issues contracts to sell the recycling materials collected. The program has collected $750,000 in revenue and saved $1.15 million in tipping fees. Ms. Blackmore commented that the program has helped keep the sanitation rate stable.

Ms. Blackmore provided an overview of the program today. She shared the Public Works Department mission statement: "We provide essential public services to the community, through valued customer service, effective operations and sound planning." Ms. Blackmore commented that the program strives to provide residents with outstanding customer service. She indicated that the City conducts a customer service survey once a year in which the Sanitation and Recycling Programs always score high. Ms. Blackmore noted that customer feedback indicates the City is doing a good job at providing seamless service. She discussed that the City of Avondale seeks to provide quick, efficient services to residents including: answering customer service calls, providing curbside pickup, and delivering materials to the landfill or Materials Recovery Facility (MRF). Increasing opportunities for recycling is another focus of the program. Ms. Blackmore noted that the Recycling Program has shifted focus to education rather than penalties. She noted that the program did issue Notices of Violation in the first years of implementation however, the City of Avondale now utilizes informational materials to educate residents on sanitation and recycling issues.

Ms. Blackmore presented additional features of the program. In addition to residential curbside service, local businesses can participate in the Recycling Program. Ms. Blackmore indicated that the City encourages businesses to participate and currently about 30-40 businesses are being serviced through the Recycling Program. She added that the business recycling is picked up by a truck with a local route to improve efficiencies. Ms. Blackmore stated that the program does include multi-family recycling participation, however it is one of the challenges. The difficulty with multi-family recycling is the contamination of garbage in the recyclables. Ms. Blackmore mentioned that there are multiple drop off recycling locations around the City for those residents and businesses who are not serviced. She discussed that almost all of the elementary and high schools in Avondale are participants in the program. Ms. Blackmore added that the City works with the schools not participating in the program to educate students on recycling.

Ms. Blackmore commented on the City's recycling; Ms. Blackmore noted that there is paper recycling in all City offices and recycling of old containers. Additionally, the City works with the Phoenix International Raceway to bring recycling services to approximately 100,000 people that enjoy the events. Ms. Blackmore stated that they shows guests at the event that Avondale is a community that cares about the environment. She stated that the City works with Valleywide Recycling Partnership to hand out information at the events as well. Ms. Blackmore commented that the annual shred-a-thon and electronics recycling event at Estrella Mountain Community College, held in cooperation with the Arizona Department of Environmental Quality (ADEQ), is very successful as well. She reviewed that the program also seeks to recycle as much household hazardous waste as possible. In addition, the Recycling Program has a Christmas tree recycling event. The Christmas tree service is a public-private partnership with A to Z Equipment Rentals in which the trees are chipped and used as mulch by Hickman Farms.

Ms. Blackmore reviewed the cast of characters used in the educational materials. The cast of characters include: Phil D. Blue, Miss D. Curb, Bulk E. Pile, and Will I. Close. Ms. Blackmore added that the City utilizes stickers with the inspection process that are awarded to residents who have done a good job with their garbage and recycling containers. She indicated that the response to these methods has been positive.

Ms. Blackmore discussed that the City contracts with recycling processors. She indicated that in August 2012 the Avondale City Council awarded a one year contract to Freidman Recycling. The contract with Freidman Recycling added styrofoam, small electronics, and pots/pans recycling to the program. Ms. Blackmore commented that the current contract includes quarterly materials audits. The November audit produced the following results: 52 percent paper; 14 percent cardboard; 6

percent glass; 5 percent plastics; 2 percent tin; 1 percent aluminum; and 20 percent is classified as other. Ms. Blackmore commented that approximately 2-5 percent of the 20 percent other category is glass breakage.

Ms. Blackmore discussed the regional household hazardous waste events. She indicated that the City of Goodyear approached the City of Avondale about partnering with their household hazardous waste events. The first shared household hazardous waste event took place November 2, 2012 and the next event is scheduled for April 6, 2013. Ms. Blackmore stated that this regional effort was a product of the regional discussions taking place at the MAG Solid Waste Advisory Committee meetings. Ms. Blackmore commented that an Intergovernmental Agreement (IGA) was developed. She noted that many factors were discussed when creating the IGA, such as location, advertising, financial aspects, and more. Ms. Blackmore indicated that both Goodyear and Avondale are host cities; Avondale hosts the event in the spring and Goodyear hosts in the fall. The City of Tolleson and the City of Litchfield Park are participants according to the IGA. The IGA outlines what the requirements are for host cities and participant cities. Ms. Blackmore commented that both Avondale and Goodyear utilize the same contractor which made some of the details easier. She noted that the host city is responsible for the location of the event, set up, clean up, and paying for the contracted service. The other participating cities are then billed according to their resident participation. The citizens that drop off at the events need to show a matching water bill and ID. Ms. Blackmore stated that the November household hazardous waste event was very successful.

Ms. Blackmore discussed the cost savings associated with the combined household hazardous waste event. She noted that the cost per vehicle at the shared event was almost half the cost of when Avondale held the events alone. Ms. Blackmore discussed that the close proximity of the four participating cities will hopefully yield greater success in the future as words spreads of this combined household hazardous waste event. She mentioned potentially having education material at the next events that educates on how to avoid excess household hazardous waste.

Chair Smith asked why some schools are not participating in the Recycling Program. Ms. Blackmore replied that they are currently being serviced by a different service provider. Chair Smith thanked Ms. Blackmore for her presentation.

Chair Smith stated that there are new members on the Committee. She asked that they introduce themselves.

Christina Betz, City of Glendale, indicated that she is the Solid Waste Superintendent for the City of Glendale. She stated that operations she is responsible for are the landfill and the Materials Recycling Processing Facility. The Glendale Landfill takes in approximately 250,000 tons per year and the MRF processes approximately 15,000 tons per year of which about 10,000 tons of material is sold. Ms. Betz discussed Glendale's new recycling initiatives. She commented that in 2011 the Glendale MRF began accepting plastics three through seven which expands the plastics program for the first time since the MRF began operation. In December 2012, the City opened a drop off location for electronics recycling at the Glendale Landfill for residents of Glendale and surrounding communities.

Chris Coyle, from Republic Services representing Arizona Forward, stated that he has been with Republic Services for 12 years and been in the solid waste field for approximately 16 years. He indicated that he oversees the Phoenix metropolitan area collection operations. Mr. Coyle discussed that facility locations include Phoenix and Mesa. He commented that Republic Services runs approximately 115 routes per day which serve industrial, commercial, and residential. Mr. Coyle

noted that the Town of Buckeye, Town of Fountain Hills, the Home Owners Association of Anthem, and the Town of Superior currently have contracted service with Republic Services.

Mr. Murphy stated that he is an administrator for the Mesa Public Works Department. He stated that he handles the support services and residential areas. Mr. Murphy discussed that they are currently working with the Town of Gilbert, City of Tempe, and City of Scottsdale under an IGA to send out a request for proposals (RFP) for solid waste and recycling services.

Jerry Cooper, Town of Paradise Valley, stated that he is the Public Works Supervisor for the Town of Paradise Valley. He indicated that he oversees the maintenance and works with the four sanitation companies that the residents of Paradise Valley contract with for sanitation services. Chair Smith welcomed the new Committee members and thanked them for their the introductions.

5. City of Phoenix "40 by 20" Solid Waste Sustainability Initiative

Chair Smith introduced John Trujillo, City of Phoenix, to provide an overview of the City of Phoenix "40 by 20" solid waste sustainability initiative. Mr. Trujillo stated that Mayor Stanton recently announced the "40 by 20" sustainability initiative which is a goal to divert 40 percent of materials from regional landfills by the year 2020. He indicated that this is a citywide goal, including residential, commercial, industrial, and multi-family sectors. Mr. Trujillo mentioned the areas that the City will be working on to achieve the "40 by 20" goal. He stated that the 40 percent diversion rate is the initial goal for the program, however the City of Phoenix hopes to continue on to a higher diversion rate.

Mr. Trujillo discussed that communication, education and marketing is the first area they will be addressing for this sustainability initiative. He indicated that the City of Phoenix has hired Earth 911 which is working with Citizen Group to create a communication, education, and marketing plan. A kickoff is scheduled for March 22, 2013. Mr. Trujillo mentioned that the City of Phoenix will work with its private partners on the new look and citywide communication plan. The City of Phoenix private partners are responsible for a majority of commercial services and will aid in the development of the plan.

Mr. Trujillo reviewed the second area to be addressed for the "40 by 20" sustainability initiative. He stated that a focus will be placed on current programs and future programs with consultant assistance from SAIC. Mr. Trujillo explained that SAIC will investigate current programs for opportunities to increase efficiencies to improve diversion. SAIC will also evaluate the expansion of current programs and the development of new programs. Mr. Trujillo mentioned pilot programs currently in place. He indicated that some of the pilot programs in place deal with diversion efforts at the transfer stations, changes to the solid waste ordinance that allow incentives for customers at transfer stations, and a curbside green organics program. In April 2013, the City of Phoenix is kicking off a 5,000 resident pilot program in curbside green organics. Mr. Trujillo noted that Phoenix focused the curbside green organics pilot program on strategically identified locations based on the number of containers per household. He commented that one resident has up to 26 additional curbside containers.

Mr. Trujillo stated that Phoenix is working with Arizona State University (ASU) to create a Center of Excellence. The goals of the Center of Excellence would include: minimize waste generation and the impact on greenhouse gas emissions; maximize reuse, recycling, and organics recovery; create jobs; and maximize energy value of materials that are managed. Mr. Trujillo commented that he has not used the terms garbage or waste because these materials have value, they are resources. He

commented that only materials that have been discarded and buried are considered waste. The Center of Excellence and City of Phoenix will focus on the following: prioritizing investment in recovery over disposal; maximizing current efficiencies in infrastructure, as well as, future infrastructure development; foster technology; and ensure facilities are designed and operated well now and for the future. Mr. Trujillo indicated that the City of Phoenix is under contract with ASU to develop a business plan for the "40 by 20" sustainability initiative and hopefully make it self-sufficient in the future. He stated that grant funding opportunities are being researched, however private and City of Phoenix investment will likely be required to move this initiative forward.

Mr. Trujillo commented that the hope is that this program, once it has been developed, will be a regional program. He noted that he will be requesting feedback from the Committee on how this program may benefit the region as a whole once initial discussions have taken place and feedback has been received from ASU and the consultant. Mr. Trujillo mentioned that the region's population may double by the year 2050, which means a higher cost of transportation to dispose of waste. He added that Phoenix is looking to minimize the transportation cost of disposing materials. Mr. Trujillo commented that the Phoenix Landfill is located 65 miles (one way) from the northern transfer station. He reported that there is land available for the landfill, however the right thing to do is to minimize impact for future generations. Another goal is to maximize resource value of materials and minimize cost. Mr. Trujillo stated that he will be able to provide more detailed information on the program after the summer. He indicated that he will be meeting with others to create more regional discussions. Mr. Trujillo commented that this initiative will take a tremendous effort and capital investment which will include public-private cooperation. He provided the example of Edmonton who will likely be at a 90 percent diversion rate by 2015, however the investment was over $200 million. Mr. Trujillo mentioned that Edmonton has instated such a program because it needed to be put in place quickly to avoid ever higher costs associated with transportation due to a short landfill life. Phoenix is looking to minimize that impact for future generations of this region. Mr. Trujillo thanked the Committee and inquired if anyone had questions.

Brian Kehoe, Maricopa County, asked if Mr. Trujillo could expand on the incentives provided at transfer stations. Mr. Trujillo replied that in the past, residents could bring an unlimited amount of material to the transfer stations regardless if they were a solid waste fee paying customer, they just needed to be a resident. Currently, one incentive put in place is solid waste fee paying customers may come to the transfer stations for free once a month with materials up to 2,000 pounds. Mr. Trujillo stated that another incentive is if clean green organics are brought to the transfer stations, a discounted rate would be applied to the gate fee. He indicated that this is more for commercial disposal. Mr. Trujillo mentioned that for residents its similar to pay-as-you-throw programs, in which the incentive is to throw less to pay less.

Ms. Simpson inquired if any of the contracts are organized for participation by other jurisdictions. Mr. Trujillo responded that Phoenix has some contracts that will be developed so that other jurisdictions may piggyback. He mentioned that Phoenix has been able to do so using contracts of other cities and is also moving toward developing contracts that can benefit the region. Ms. Simpson replied that it is great to develop contracts that accommodate a regional perspective so that other jurisdictions may take advantage of opportunities that are in place. Ms. Simpson asked if the City of Phoenix has an end user for the green organics pilot program. Mr. Trujillo responded that Phoenix has a contract with Gro-Well who is currently chipping the green organics which is then used to create compost off-site. He indicated that the City will be releasing a request for proposals within two weeks for a short term contract for the green organics program. Mr. Trujillo mentioned that the RFP is for a short term until the City decides which direction to lead the green organics

program; he noted that green organics can be used for composting, pyrolysis, and waste to energy. Mr. Trujillo indicated that Phoenix is ramping up the green organics program. In the past about 20-30 tons per year of green organics have been processed, however the City could process 100,000 tons per year.

Mr. Trujillo discussed that the City of Phoenix Public Works Department is converting to compressed natural gas (CNG). He stated that there is significant cost savings in switching to CNG due to the quantity of vehicles traversing the City everyday. Mr. Trujillo indicated that Phoenix will be buying from the pipeline. He mentioned that this could present a regional partnership, in that if any jurisdictions convert to CNG that they may utilize the Phoenix stations. Once the CNG conversion is complete, the City is looking at a potential fuel cost savings of over $1 million a year.

Ms. Blackmore inquired about the CNG stations. Mr. Trujillo replied that the City has four CNG stations with locations in the north, south, east, and west. He stated that there is both slow and fast fill options.

Chair Smith asked if other CNG locations have been utilized for CNG vehicles. Mr. Trujillo responded yes, however only for light vehicles.

Mr. Kehoe inquired about funding for CNG equipment. Mr. Trujillo replied that the City purchased the equipment and the return on investment is about three years. He indicated that the life of the equipment is estimated at about seven-eight years. Mr. Trujillo stated that there is grant availability for the equipment. He noted that Phoenix did receive grants and used the funding for ultra low sulfur diesel fuel particulate filter systems for the trucks. Mr. Trujillo thanked the Committee.

Chair Smith thanked Mr. Trujillo. She commented on the thread of regionalism throughout the Committee's discussions and presentations. Chair Smith stated that this Committee, in the long-term, can act as a facilitator and brainstorming group for great regional programs as the Valley moves forward.

6. Update on the Solid Waste Best Practices in the MAG Region

Julie Hoffman, Maricopa Association of Governments, provided an update on the Solid Waste Best Practices Report. She stated that in 2011 the MAG Management Committee expressed interest in reconvening the MAG Solid Waste Advisory Committee to share ideas on best practices. Since the first meeting in 2012, the Committee has heard a number of presentations on successful solid waste projects and programs that have been implemented in the region. On October 8, 2012, the report for the Solid Waste Best Practices in the MAG Region was presented to the Committee. Following the meeting, the report was presented to the MAG Management Committee in November and the MAG Regional Council in December. Ms. Hoffman indicated that the final report, which is available on the MAG website, included 31 best practices from 15 MAG member agencies.

Ms. Hoffman provided an overview of the discussion at the MAG Regional Council meeting following the presentation on the Solid Waste Best Practices Report. There were comments about the importance of educating students and looking for ways to get the information out to schools. Ms. Hoffman added that there was much discussion on the same day trash and recycling services. The benefits of same day programs that were discussed included: increase in recycling rate, only having receptacles on the street one day a week, and the high customer satisfaction. Ms. Hoffman stated that the MAG Regional Council members also mentioned that this report may motivate the cities and

towns. She noted that the Phoenix "40 by 20" initiative was discussed. Ms. Hoffman added that potentially setting a regional goal for increasing diversion was also mentioned. It was stated that in terms of diversion, this region is behind other regions of similar size. Ms. Hoffman commented that additional discussions on regionalism included: the Town of Gilbert sharing resources with the Town of Queen Creek on their Household Hazardous Waste Program; shared collection routes between Glendale and Phoenix; and the value of regional partnerships. She indicated that one comment at the Regional Council meeting indicated that a lot of focus is placed on recycling pickup, however a focus on the end use of the recycled materials is important as well. Ms. Hoffman noted a discussion on the need for keeping recycling easy and simple to increase participation. She shared a final comment from the MAG Regional Council in which a follow up was requested to see if other jurisdictions were able to partially or completely implement other best practices. Ms. Hoffman mentioned that the Committee may begin to work on the follow up later in the year. She reviewed that the Solid Waste Best Practices Report was well received by the MAG Management Committee and the MAG Regional Council, as well as, creating good discussions among the elected officials. Ms. Hoffman thanked the Committee for their work on the report.

Chair Smith asked if any of the City Managers have had discussions with members of the Committee since the Solid Waste Best Practices Report was released. No discussions were noted.

7. Update on Regional Solid Waste Management Statistics

Ms. Hoffman provided an update on the Regional Solid Waste Management Statistics. She indicated that the Committee has expressed interest in collecting updated regional solid waste management data. Ms. Hoffman stated that concern was expressed at the last Committee meeting about duplicating data collection efforts. Some jurisdictions had received a request from the Arizona Department of Environmental Quality (ADEQ) to update recycling information. The data collection effort was placed on hold until discussion with ADEQ could take place to ensure no duplication. Ms. Hoffman noted that five tables are provided at each place; four of the tables were presented at the October Committee meeting and the last table is a recycling table that was created by ADEQ. She indicated that ADEQ is collecting recycling data that has been requested from the Environmental Protection Agency (EPA) for the National Pollution Prevention Results Data System. ADEQ will be sending the data collected to EPA who is only requesting information from the largest municipalities in the State. The data requested is recycling tonnages for years 2010-2012 in which six municipalities in the State have provided some level of information. Ms. Hoffman added that five of the six municipalities were in the region. She indicated that the information being collected by ADEQ is for EPA purposes and that it is limited. For convenience and consistency, ADEQ has agreed to allow MAG to use their form to collect a more complete set of regional recycling data.

Ms. Hoffman referred to the table titled MAG Residential and Commercial Breakdown of Solid Waste Generation Summary. She indicated that this table was in the 2005 MAG Regional Solid Waste Management Plan. Ms. Hoffman noted that some communities utilized an average of 2.36 pounds per capita per day for residential and 2.02 pounds per employee per day for commercial/industrial. Research has been conducted on national averages for solid waste generation rates; EPA reports an average over four pounds per capita per day. Ms. Hoffman noted that the MAG information collection efforts use regional data, in comparison to the national data. She stated that the regional solid waste generation average is produced by averaging the data from communities who submit information which is then applied to the population and employment in the individual communities. Ms. Hoffman indicated that in the past the regional data produces an average that is

lower than the national average. New residential and commercial/industrial averages will be calculated during this update. She requested feedback on the tables.

Ms. Simpson asked if the data supplied in the tables is data to be updated. Ms. Hoffman replied that the data provided in the tables is 2002 data that was included in the 2005 plan. She stated that the communities would be asked to update the information to reflect 2012 information. Ms. Simpson commented that this update is important due to population growth and to provide a region-wide snapshot of solid waste management.

Ms. Hoffman noted that ADEQ has recently sent out a survey with regard to possibly reestablishing their recycling program. She mentioned that in speaking with ADEQ, they indicated they do not plan to perform a data collection effort in the near term and that this data collection effort would not be a duplication of ADEQ efforts.

Chair Smith stated that since the Committee has reviewed the tables, she discussed moving forward with the data collection. She asked if the tables were sent out electronically, would a May 1, 2013 deadline to submit information to MAG be reasonable.

Ms. Sepulveda inquired about what information is to be submitted. Chair Smith responded that there are a total of five tables. Ms. Hoffman stated that there are three tables that were included in the 2005 plan that deal with the following: what programs are available by jurisdiction; residential and commercial breakdown of solid waste generation; and the facilities located in the region. She commented that the fourth table would collect solid waste rates and services data while the fifth table requests recycling tonnages. Ms. Hoffman indicated that the recycling form is the same form that ADEQ used recently in their data collection for EPA. Ms. Sepulveda inquired if ADEQ could provide the information that they have already received. Chair Smith replied that ADEQ only received recycling information from a limited number of cities and the information is being provided to EPA. She added that the table can be resubmitted for jurisdictions that have already completed the recycling table for ADEQ.

No dissenting comments were presented on the May 1, 2013 deadline. Louis Andersen, Town of Gilbert, indicated that the Town of Gilbert has information on solid waste generation rates from a number of the municipalities that he can provide to MAG. Ms. Hoffman thanked Mr. Andersen.

Chair Smith reviewed that the deadline for submitting the information requested is May 1, 2013. She mentioned that the Committee can expect to hear an update on the data compilation at the June meeting. Chair Smith commented that she hopes to complete the update by the end of this year.

8. Legislative Update

Ms. Hoffman provided a legislative update. She stated that House Bill (H.B.) 2361, Large Electronics Recycling Program, requires a manufacturer of covered electronics sold or offered for sale in the State to provide the collection, transportation and recycling of the covered electronic devices. This bill would also require the manufacturer to register, submit a plan and pay an annual registration fee to the Arizona Department of Environmental Quality. Ms. Hoffman indicated that this bill was assigned to three different Committees in the House, however has not been heard. She noted that H.B. 2361 has a duplicate bill in the Senate, S.B. 1261. Ms. Hoffman stated that this item is for information and discussion.

Chair Smith mentioned that she is aware of another bill regarding bottles however, it too does not appear to be moving.

9. Call for Future Agenda Items

Chair Smith asked the Committee for suggestions on future agenda items. Ms. Simpson indicated that she has been designated as the liaison between Valleywide Recycling Partnership (VRP) and the MAG SWAC. She stated that VRP is a coalition of regional cities and towns that help fund public education and outreach efforts through mass media like radio, television, and print ads. Ms. Simpson commented that a future agenda item could be a potential coordination of recycling efforts by Valleywide Recycling Partnership and the MAG SWAC. She mentioned that VRP has decided to focus on two topics a year, each topic campaign lasting about 6 months. Ms. Simpson noted that the latter half of this year, VRP will focus on holiday recycling. January 2014 will start a different public education recycling focus. Ms. Simpson discussed VRP and the MAG SWAC working cooperatively to provide cities and towns similar recycling messages. Chair Smith asked how VRP is distinguished from the Arizona Recycling Coalition. Ms. Simpson replied that VRP has municipality representation and the Arizona Recycling Coalition includes private sector partnerships. Chair Smith inquired about the MAG SWAC working cooperatively with VRP. Ms. Hoffman responded that a recycling video was discussed at the last Committee meeting. It was suggested that MAG staff contact VRP about their recycling messages and working cooperatively. Ms. Hoffman indicated that MAG staff has spoken with VRP and options are being evaluated. She indicated that an update will be provided to the Committee at the next meeting.

10. Comments from the Committee

Chair Smith asked for any comments from the Committee. With no further comments, Chair Smith thanked the Committee for participating and called for adjournment of the meeting at approximately 11:35 a.m.