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April 12, 2012

TO: Members of the MAG Solid Waste Advisory Committee

FROM: Christine Smith, Phoenix, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Thursday, April 19, 2012 - 10:00 a.m.
MAG Office, Suite 200 - Saguaro 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.

3. Approval of the February 16, 2012 Meeting Minutes

4. MAG Solid Waste Advisory Committee Survey Results

On March 8, 2012, a survey was distributed to the MAG Solid Waste Advisory Committee to assist in stimulating future discussions and activities. An overview of the survey results will be provided. Please refer to the enclosed material.

5. Arizona Department of Environmental Quality Solid Waste Program

The Arizona Department of Environmental Quality (ADEQ) Solid Waste Program includes permitting and corrective action for solid waste facilities, performing inspections and providing compliance assistance, and advocating solid waste reduction, reuse and recycling. In the past ADEQ has also provided funding for

2. For information.

3. Review and approve the February 16, 2012 meeting minutes.

4. For information and discussion.

5. For information and discussion.

recycling grants and projects. An overview of the ADEQ Solid Waste Program, the proposed fee rulemaking, and recycling fund will be presented.

6. City of Mesa Green Waste Barrel Program

The City of Mesa offers green waste collection services to residents interested in participating in the Green Waste Barrel Program. The green waste collected is delivered to the Salt River Landfill for recycling. An overview of the program and the distribution of the recycled green waste will be provided.

7. Town of Gilbert Household Hazardous Waste Collection Program

In 2007, the Town of Gilbert opened a Household Hazardous Waste Collection Facility to prevent improper disposal of hazardous materials. The Town of Gilbert Household Hazardous Waste Program is experiencing a diversion rate of 85 percent. A presentation will be given on the program.

8. Valleywide Recycling Partnership

A representative from the Valleywide Recycling Partnership will provide an overview of their history and current activities. The Partnership was developed for jurisdictions to convey a common message on regional promotion of recycling.

9. MAG Solid Waste Information Management System Database

As part of the 1991 MAG Regional Waste Stream Study, the regional Solid Waste Information Management System (SWIMS) database was established. The database identified the components of the waste stream in Maricopa County and was used to produce the 1993 MAG Regional Solid Waste Management Plan. At the February 16, 2012

6. For information and discussion.

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

Committee meeting, interest was expressed in the potential for updating the SWIMS database. The status of the database will be discussed.

10. Call for Future Agenda Items

The Chair will invite the Committee members to suggest future agenda items.

11. 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.

10. For information and discussion.

11. For information.

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

Thursday, February 16, 2012
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

Christine Smith, Phoenix, Chair	Manuel Castillo, Scottsdale
Louis Andersen, Gilbert, Vice Chair	James Swanson, Surprise
Cindy Blackmore, Avondale	Mary Helen Giustizia, Tempe
Elizabeth Biggins-Ramer, Buckeye	Rick Austin, Wickenburg
# Shereen Sepulveda, Chandler	Rebecca Hudson, Arizona Chamber of Commerce and Industry
Robert Senita, El Mirage	Veronica Garcia, Arizona Department of Environmental Quality
Frank Lomeli, Glendale	* Jennifer Gale, Keep Arizona Beautiful
Willy Elizondo, Goodyear	Tim Phillips, Maricopa County
* Chuck Ransom, Litchfield Park	* Dan Casiraro, Salt River Project
Will Black, Mesa	Alfred Gallegos, Valley Forward
William Mead, Paradise Valley	
Rhonda Humbles, Peoria	
Ramona Simpson, Queen Creek	
Richard Allen, Salt River	
Pima-Maricopa Indian Community	

*Those members neither present nor represented by proxy.

#Attended by telephone conference call.

OTHERS PRESENT

Julie Hoffman, Maricopa Association of Governments	Maher Hazine, Peoria
Kara Johnson, Maricopa Association of Governments	

1. Call to Order

A meeting of the MAG Solid Waste Advisory Committee (SWAC) was conducted on Thursday, February 16, 2012. Christine Smith, City of Phoenix, Chair, called the meeting to order at approximately 10:00 a.m. Shereen Sepulveda, City of Chandler, 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. Welcome and Introductions

Chair Smith welcomed the Committee. She stated that she was pleased to see so many people interested in the important topic of solid waste. Chair Smith added that she looks forward to some great discussions and identifying the needs of the Community with regard to the solid waste industry.

4. Approval of the January 25, 2005 Meeting Minutes

Chair Smith indicated that since there are only a few members of the current Committee that were part of the Committee in 2005, the Committee will not be taking action on the minutes. The minutes will be noted for historical record. Chair Smith stated that the Arizona Department of Environmental Quality (ADEQ) has submitted comments that have been incorporated into the minutes. A revised copy is at each place. She asked the Committee if there were any additional comments for incorporation. Chair Smith noted that no additional comments were requested and that the minutes will be recorded for historical purposes. No action on the minutes was conducted.

5. Committee Role and Responsibilities

Chair Smith provided an opportunity for Committee member introductions. Members introduced themselves and shared their role within their jurisdiction.

Chair Smith introduced Julie Hoffman, Maricopa Association of Governments, to present on the role and responsibilities of the Solid Waste Advisory Committee. Ms. Hoffman stated that MAG is a Council of Governments that serves as the regional agency for the Phoenix metropolitan area. The membership of MAG includes 25 incorporated cities and towns, Maricopa County, and three Native American Indian Communities. She noted that the Arizona Department of Transportation and the Citizens Transportation Oversight Committee serve as ex-officio members for transportation related issues.

Ms. Hoffman discussed the MAG Committee structure. She indicated that the SWAC serves in an advisory capacity to the MAG Management Committee and MAG Regional Council on pertinent regional solid waste issues. She noted that the MAG Regional Council is the decision-making body of MAG. Ms. Hoffman stated that regional planning occurs within many areas at MAG including transportation, human services, and the environment. She stated that within Environmental Programs, MAG has been designated as the Regional Air Quality Planning Agency, the Regional Water Quality Management Planning Agency, and the Regional Solid Waste Management Planning Agency. Ms. Hoffman indicated that this designation as the regional agency responsible for undertaking area wide solid waste management planning was made by the Governor in 1979 pursuant to the Resource Conservation and Recovery Act of 1976. In accordance with this role, MAG prepared the Regional Solid Waste Management Plan. Ms. Hoffman added that the 2005 update of the plan was the last activity of the Committee.

Ms. Hoffman discussed previous Committee activities which included: preparing the Regional Solid Waste Management Plan; maintaining the plan; and information collection efforts on topics such as

facilities and programs. She noted that at the October 2011 MAG Management Committee meeting, interest was expressed in reconvening the Solid Waste Advisory Committee to discuss the performance of solid waste management facilities, best management practices, and other solid waste issues.

6. MAG Regional Solid Waste Management Plan

Ms. Hoffman provided a brief overview of the MAG Regional Solid Waste Management Plan. She stated that the Governor designated MAG as the Regional Solid Waste Management Planning Agency in 1979. The first MAG Regional Solid Waste Management Plan was completed in 1993 following a local and regional needs assessment and the 1991 Waste Stream Study. In 2005, a major revision of the MAG Regional Solid Waste Management Plan was adopted. The updated plan included new population projections, additional programs and facilities, and new State and Federal regulations. Ms. Hoffman noted that between 1993 and 2005 periodic data collection efforts were conducted to update some of the tables in the plan.

Ms. Hoffman stated that the purpose of the plan is to provide guidance for systems-level regional solid waste management planning. The overall goal of the plan is to prevent adverse effects on public health and the environment from improper solid waste collection, processing, and disposal. She stated that the plan includes many components including: historical background; goals; description of the waste stream in the region; evaluation of waste problems; current and planned facilities and programs; future needs; solid waste management strategies; financing options; and plan implementation.

Ms. Hoffman discussed some of the goals in the 2005 Regional Solid Waste Management Plan. She indicated that the plan includes goals for recycling such as: encouraging regional cooperation in market development for recycled items and public education efforts and continuing current practices with local agencies developing achievement targets consistent with local programs. The plan also contains the goal of encouraging backyard composting. In addition, the plan included goals to continue with landfilling as the primary strategy and develop transfer facilities based on need. She added that these are a few of the goals identified in the plan.

Ms. Hoffman presented a figure from the Solid Waste Management Plan that identifies the solid waste management facilities for the region. She mentioned that planned, existing, and closed facilities are depicted on the map.

Ms. Hoffman stated that the plan identifies future waste management needs and strategies on how to address them. She discussed the needs and strategies for illegal dumping, household hazardous waste, business waste reduction/recycling, and newly emerging waste types. In addition, Ms. Hoffman stated that the Solid Waste Management Plan identifies municipal, county, state, and private sector implementation responsibilities. She noted that the plan includes a process for tracking plan implementation and waste generation which was last updated in 2005 when the revision was completed.

Chair Smith inquired if the MAG solid waste database was still available for updates. Ms. Hoffman replied that the Solid Waste Information Management Systems (SWIMS) database has not been updated recently, but that she would report back to the Committee on the possibility of updating SWIMS in the future. Ms. Hoffman noted that information from the MAG member agencies and socioeconomic data feed into the database.

7. Solid Waste Advisory Committee Survey

Chair Smith stated that a draft survey for the Committee has been created to assist in stimulating future Committee discussions. She indicated that the intent of the Committee is to have sound dialogue that focuses on areas important to the region and the survey will assist with this. Chair Smith asked if the Committee had any feedback on the survey. She noted that once finalized the survey will be distributed to the Committee for completion. Once the survey results are compiled, the information will be shared with the Committee and aid in identifying future discussion items.

Tim Phillips, Maricopa County, responded that the survey will be beneficial in determining which direction the Committee wants to focus.

Elizabeth Biggins-Ramer, Town of Buckeye, requested that a solid waste statistics and data category be added to the survey. She noted that the 2005 data and statistics may not be pertinent to today.

Ramona Simpson, Town of Queen Creek, proposed the addition of a section on the survey that involves current programs that are available at each jurisdiction. For example, Queen Creek in 2005 had no programs listed, however currently the Town administers curbside trash and recycling pickup. She added that the Maricopa County landfill in Queen Creek is now closed. Ms. Simpson also noted that there are other changes throughout the region that could be updated utilizing the survey. She mentioned that knowledge of what jurisdictions offer across the region would be beneficial. Louis Andersen, Town of Gilbert, referred to question number four on the draft survey and noted that these areas mentioned by Ms. Biggins-Ramer and Ms. Simpson could potentially be updated in the MAG Regional Solid Waste Management Plan. He stated that as Ms. Hoffman looks into the SWIMS database, the intent may be to update the plan to include the activities within the cities and towns.

Mary Helen Giustizia, City of Tempe, requested that a category be added about education and community outreach to the survey. She stated that education and community outreach can have a significant impact on participation in recycling programs and also in reducing contamination. Ms. Giustizia discussed that education and community outreach is a critical component of solid waste programs.

Chair Smith commented on the addition of a “hot topics” category to the draft Solid Waste Advisory Committee Survey.

Ms. Giustizia inquired about adding the topic of regional synchronization to the survey. She stated that every municipality has its own list of acceptable recycling items for their program and often the list of acceptable items varies from municipality to municipality. She noted that this can be confusing to residents. Ms. Giustizia mentioned that the same would hold true for trash programs-what is acceptable and what is not. Ms. Giustizia stated that she would like to see discussion between jurisdictions about regional synchronization.

8. Tentative 2012 Meeting Schedule for the MAG Solid Waste Advisory Committee

Chair Smith stated that the tentative 2012 meetings of the MAG Solid Waste Advisory Committee have been scheduled for the third Thursday of every other month. A copy of the 2012 Tentative Meeting Schedule was provided in the Committee agenda packet. Chair Smith noted that the 2013 schedule will likely be set in approximately November of this year.

Richard Allen, Salt River Pima-Maricopa Indian Community, noted that the Solid Waste Association of North America (SWANA) WASTECON event may interfere with the August Committee meeting. Chair Smith indicated that the August meeting could be cancelled if necessary.

9. Call for Future Agenda Items

Chair Smith asked the Committee for suggestions on future agenda items. She mentioned regional synchronization discussed earlier by Ms. Giustizia. Chair Smith noted that a legislative update may be beneficial for the Committee to discuss. Ms. Biggins-Ramer responded that perhaps a historical perspective of legislation from when the Committee last met in 2005 to 2012 may be useful. She stated that knowledge of what is going on in the industry and what has transpired since 2005, on both a state and national level, may help the Committee understand what is directly or indirectly influencing solid waste in our region. Chair Smith replied that she would like to add to that the legal challenges that have arisen in the last few years.

James Swanson, City of Surprise, discussed the change in development fee structure. He stated that Surprise was impacted recently by how the collection of monies for their container program occurred. Mr. Swanson stated that it was tied to the most recent changes from the Legislature pushed by the Homebuilders Association. He offered this topic as a future discussion item.

Chair Smith asked Veronica Garcia, Arizona Department of Environmental Quality, if ADEQ could potentially provide an update. Ms. Garcia agreed. Chair Smith asked if the Committee had any particular areas they would like Ms. Garcia to discuss.

Will Black, City of Mesa, inquired if ADEQ could discuss the recycling grants. Ms. Garcia responded that she could give an overview of the Solid Waste Program including the recycling fund.

Mr. Andersen commented that perhaps a future agenda item could be the variance allowances on refuse and recycling collection. He mentioned that they may not have been looked at for some time. Mr. Andersen stated that the cities have requirements of two times per week refuse.

Chair Smith announced that if anyone has any other potential agenda topics they can contact herself or Ms. Hoffman. Ms. Hoffman noted that the results of the survey will also be discussed at the next Committee meeting. She stated that the survey will be emailed to the Committee and members will have a couple of weeks to complete the survey.

Chair Smith inquired if there are any solid waste, recycling, or pertinent events coming up. Ms. Simpson stated that the Town of Queen Creek is hosting their first Earth Day event on April 21st of this year at their green building library. The event will showcase recycling, water conservation, and air quality while bringing together members of the community and local businesses. She noted that electronics and tire recycling will be occurring on Earth Day. Ms. Simpson indicated that Queen Creek is new to this area, but they are excited to get their residents involved in recycling and waste diversion.

Chair Smith stated that she is interested in a future agenda item regarding waste-to-energy discussions such as landfill gas-to-energy projects or any other successful projects in the region. Frank Lomeli, City of Glendale, responded that they do have a gas-to-energy project and have been approached by private companies regarding waste-to-energy projects. He stated that he is also interested in a future agenda item on waste-to-energy since there is currently little guidance on navigating through the process. Chair Smith added that the topic of working with third party entities should be included in the discussion.

Mr. Allen commented that the discussion should not be limited to waste-to-energy projects. He stated that conversion technology could be discussed as well. He also stated that SWANA is hosting their annual Rodeo on April 28, 2012. The heavy equipment operators will be at the Salt River Pima-Maricopa Indian Community Landfill and the waste collection drivers will be competing at WestWorld in Scottsdale. He stated it is a great event to give them recognition.

Ms. Giustizia stated that she is interested in discussing emerging solid waste technologies. She gave the example of Tempe potentially investigating single-sided collection to see how it would benefit the city in lowering operational costs, emissions, and fuel costs. Ms. Giustizia stated that discussions on emerging technologies and also streamlining operations in this industry would be interesting.

Mr. Black stated that the City of Mesa would be willing to provide a presentation on single-sided collection and their success with that program. He discussed that single-sided collection is currently used in Mesa's mobile home and town home communities. He added that it is not optimal for all parts of the city; however, he could show the data behind their success with single-sided collection.

Mr. Andersen mentioned that Los Angeles County is currently doing a review of multiple technologies. He commented that perhaps someone from Los Angeles County could give a presentation to the Committee via video or audio conference on their findings.

Mr. Swanson commented on green waste collection. In the City of Surprise, Mr. Swanson indicated that residents have requested the green can for green waste collection, but it is currently not a program offered by the city. He mentioned that one of the issues is that their landfill does not have a green waste program. He asked if anyone on the Committee could share information about the third can program. Mr. Black responded that Mesa would be willing to share on this topic in partnership with Salt River Pima-Maricopa Indian Community. He noted that the interesting part is where the green waste goes. Mr. Allen stated that currently the green waste goes to a Western Organics facility where the green waste is processed and then distributed to businesses that sell the material. He noted that there has now been discussions on utilizing green waste as a biomass fuel. Mr. Allen stated that they are more interested in the larger materials where composters are more interested in the finer materials. Mr. Allen mentioned a Frito-Lay facility in Casa Grande that is interested in a potential source of biomass fuel in our region. They are looking to generate a certain amount of their power through biomass fuel.

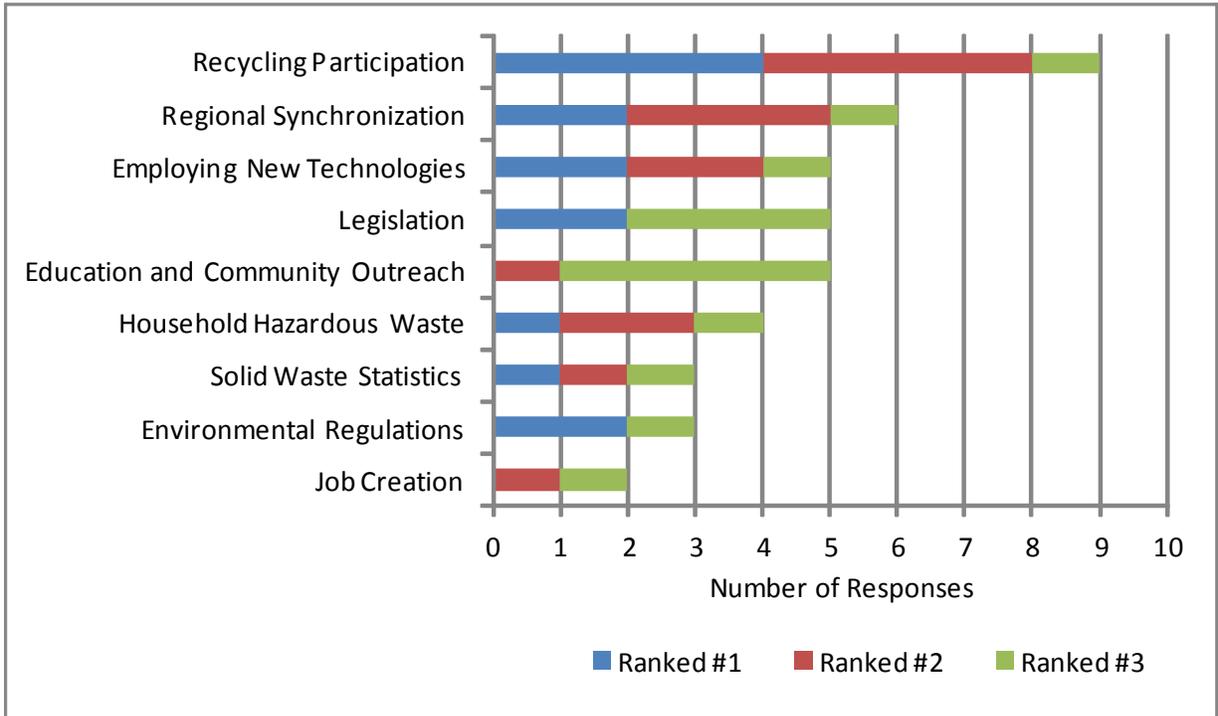
Chair Smith asked that any topics mentioned today be included in the survey to serve as future discussion topics. She commented that the topic of green waste can pose challenges. For example, she stated that oleanders and palm fawns may be accepted in some circumstances, but not others. Ms. Biggins-Ramer suggested a regional approach to the discussion of green waste. She provided the example of a regional green waste consortium in which the region could partner together to provide green waste solutions.

Mr. Phillips added that if the Committee is interested in the Crumb Rubber Manufacturers (CRM) Tire Program, he could arrange a presentation.

Chair Smith stated that the discussion of the Committee has provided a range of topics for future Committee discussion. She noted that the survey results will also provide direction for future meetings. With no further comments, Chair Smith thanked the Committee for participating and called for adjournment of the meeting at 10:45 a.m.

Solid Waste Advisory Committee Survey Results

I. What are the top 3 solid waste issues/areas of interest that you think could benefit most from regional collaborative efforts?



Recycling Participation

- Ideas to increase recycling participation.
- Several regions are increasing recycle requirements per volume of waste. The issue in our region is landfill space and tip fee.
- Increasing recycling participation prolongs landfill life and offsets collection operating costs.
- If we are able to promote a commitment to recycling with the public, then many of the other disposal and reuse opportunities will be easier to implement.
- A regional effort aimed at increasing recycling participation would be helpful to all communities.
- Might tie into regional efforts, but information, consistency in messaging.
- Maricopa County needs to put more emphasis on diversion.

Regional Synchronization

- Regional synchronization could result in the compilation of solid waste statistics, another solid waste area of interest identified by the MAG Solid Waste Advisory Committee.
- Regional approaches make the most economic sense.
- Partnering on RFPs and RFBs might increase our buying power and reduce overall costs. This should also include the private service providers.
- Regional synchronization on Standard Safety Operating Procedures for sanitation collection, Materials Recovery Facility (MRF) and landfill operations.

Employing New Technologies

- Employing new technologies for more efficient sanitation collection operations, landfill operations and MRF operations.
- Employing new technologies such as using refuse/compost as fuel for manufacturing plants would be a huge change in the industry.
- The MAG Solid Waste Advisory Committee is a great forum to discuss emerging technologies. It is difficult to do this via e-mail, etc. Greenhouse gas emissions would most likely be addressed in the discussions of emerging technologies.

Legislation

- Staying on top of bills that impact the way we do business.
- Number one question - without some type of requirement or goal it is tough to increase participation without incentives (\$). Low tip fees at landfills.
- There is a lack of information distributed down to the local level. There is difficulty in interpreting the meaning, expected outcome, expected implementation, etc.

Education and Community Outreach

- Developing a "regional" inclusive effort in education/outreach is needed to change attitudes toward recycling and trash issues.
- Education and community outreach is important. The more that is understood by the general public about our industry, the more thought that is placed into where everyday items go when they are disposed of.
- It is important to have unified, consistent messaging.

Household Hazardous Waste

- Small communities do not have the resources to provide a Household Hazardous Waste (HHW) Facility or Special Event for residents. A collaborative effort working with larger communities would benefit the region in minimizing illegal dumping or storing of HHW.
- HHW is low hanging fruit with regards to development of regional cooperative opportunities.
- Residents have the expectation that the cities will provide these services; however, it is expensive and difficult to fund. Information on proper disposal methods is confusing. I would like to see a focus on educating residents to only buy what they need and use all of it, rather than encouraging them to just bring any left overs for the city to dispose of.

Solid Waste Statistics

- Without statistics available, planning to handle solid waste becomes an issue.
- All use the same methodology for collecting data, report it on an annual basis and share it with the group.

Environmental Regulations

- The requirement for twice a week collection. The requirement, as I understand it, was based on a polio study from the 1950s. It is time to revisit this and move to what we are offering today, once a week trash collection.
- There is a lack of information distributed down to the local level. There is difficulty in interpreting the meaning, expected outcome, expected implementation, etc.

Job Creation

- There is much debate about green initiatives and the benefits they create.
- Job creation is on everyone's mind and needs to be a component of any new and on-going processes.

2. Does your jurisdiction have any “best practices” that you would like to share with the Solid Waste Advisory Committee?

- The City of Glendale - Landfill Gas-To-Energy Facility.
- The Town of Buckeye implemented a "sticker" program for solid waste accounts in areas of the community where the Town does not control the water resources. This practice has helped control the amount of bad debt and illegally serviced accounts.
- The City of Mesa would be willing to present on any topic of interest to the group.
- The Arizona Department of Environmental Quality - e-waste collection events; frequency of collection variance for solid waste; biohazardous medical waste program.
- The Town of Queen Creek provides "same day" trash and recycling collection services, which allows the inspector to inspect both the trash and recycling carts simultaneously. This has created efficiencies and increased public education and awareness for both "bag and tie" and recycling contamination issues.
- The Town of Gilbert HHW is running at 85 percent diversion, ensuring that HHW does not go into the landfill the Town opened a HHW Facility in 2007.
- The City of Phoenix is in the midst of implementing recycling and trash collection on the same day. Private/Public partnerships for trash/recycling collection to reduce greenhouse emissions and operating costs.

3. What solid waste “best practices” have you heard about that may benefit the region or that you would like to learn more about from a regional perspective?

- Green waste and/or zero waste programs.
- Investigate a household hazardous waste consortium for area communities. The Cuyahoga County Solid Waste District in Cleveland, OH has been a participant in such a group for years.
- Regional approach to green waste; composting; household hazardous waste.
- Residential curb-side appliance and metal recycling, and HHW collection.
- Green waste collection and composting, and multi-use opportunities for closed landfills.
- Permanent household collection sites.
- SWANA has technical policies which act as best management policies that may be helpful.

4. The MAG Regional Solid Waste Management Plan was updated in 2005. Briefly describe what aspects of the plan would be most beneficial to review and update?

- Solid waste statistics are helpful for benchmarking with others in the region and for planning.
- Statistics, efforts/programs of municipalities.
- The waste characterization of the area and a waste flow analysis.
- I would like to hear about what the plan is for and how it's being marketed since so much work goes into putting it together.

- Description of the regional waste stream and management and disposal trends; interface with air quality regulatory programs; major changes since 2005.
- The statistical and location data on current landfills, transfer stations, and material recovery facilities needs to be updated as there are several changes that have occurred since 2005.
- Most important would be updating the data that drew conclusions in 2005. With the aggressive population growth in 2006/2007 followed by the recession, baseline data may not be reflective of current 2012 conditions.
- Solid Waste Management Facilities and Solid Waste Management Programs.
- Landfill airspace available and time frame; location of all disposal facilities; current programs each city provides; philosophy of our local leaders.
- Revisit goals to reaffirm or update; update all data (e.g. landfill capacities, population projections, plans and facilities, etc.).
- Obviously a lot has changed since 2005. Landfills have closed, landfills have opened, MRFs have opened, landfill gas-to-energy projects have come on line and population statistics and the life of landfill sites have dramatically changed. Updating those and looking forward to where we see the solid waste industry moving toward in the future should be a focus.

5. Are there any “hot topics” in the solid waste industry that you would like the Solid Waste Advisory Committee to discuss?

- Waste-to-energy technologies in the United States (discuss proven technologies currently being utilized and new technologies being explored); Federal legislation on Greenhouse Gas Reporting/Tailoring Rule; Arizona State Legislation in support of defining multi-family housing as commercial for solid waste and recycling collection services.
- Plastic bag bans.
- I would like there to be a discussion of what funding mechanisms are available in Arizona to promote recycling markets and/or recycling processing facilities.
- Accident and injury prevention.
- When a collection vehicle has a hydraulic leak on the black top - what is your process to contain, absorb and remove material?
- Waste-to-energy projects.
- Green waste regional collection and recycling options would be beneficial to discuss. Also, a collaborative effort for regional recycling education and outreach efforts.
- Regional cooperation.
- Zero waste, plastic bag ban, recycle requirements. The variance requirement (bag and tie)-why is this still required?
- Conversion technology and at what point will it make sense in the Valley. Product stewardship/extended producer responsibility.
- Conversion technologies and their feasibility and economic costs.