



MAG Regional Solid Waste Management Plan

MAG Solid Waste Advisory Committee

February 16, 2012



History and Background

- n **1979 – Governor designated MAG the Regional Solid Waste Management Planning Agency**
- n **1993 – MAG Regional Solid Waste Management Plan Adopted**
- n **2005 – Major Revision of the MAG Regional Solid Waste Management Plan Adopted**



Purpose of the Regional Solid Waste Management Plan

- n Provide guidance for systems-level regional solid waste management planning
- n Prevent adverse public health and environmental effects from improper solid waste collection, processing, and disposal



MAG Regional Solid Waste Management Plan Overview

- n Historical Background**
- n Goals**
- n Waste Stream in the Region**
- n Evaluation of Waste Problems**
- n Current and Planned Facilities and Programs**
- n Future Needs**
- n Solid Waste Management Strategies**
- n Financing Options**
- n Plan Implementation**



Regional Solid Waste Management Goals

n **Recycling**

- | Continue current practices with local agencies developing achievement targets consistent with local programs and conditions
- | Encourage regional cooperation in market development for recycled items and public education efforts

n **Composting**

- | Focus on encouraging backyard composting

n **Landfilling and Waste Transfer Stations**

- | Landfilling continues to be the primary strategy
- | Develop transfer facilities based on need

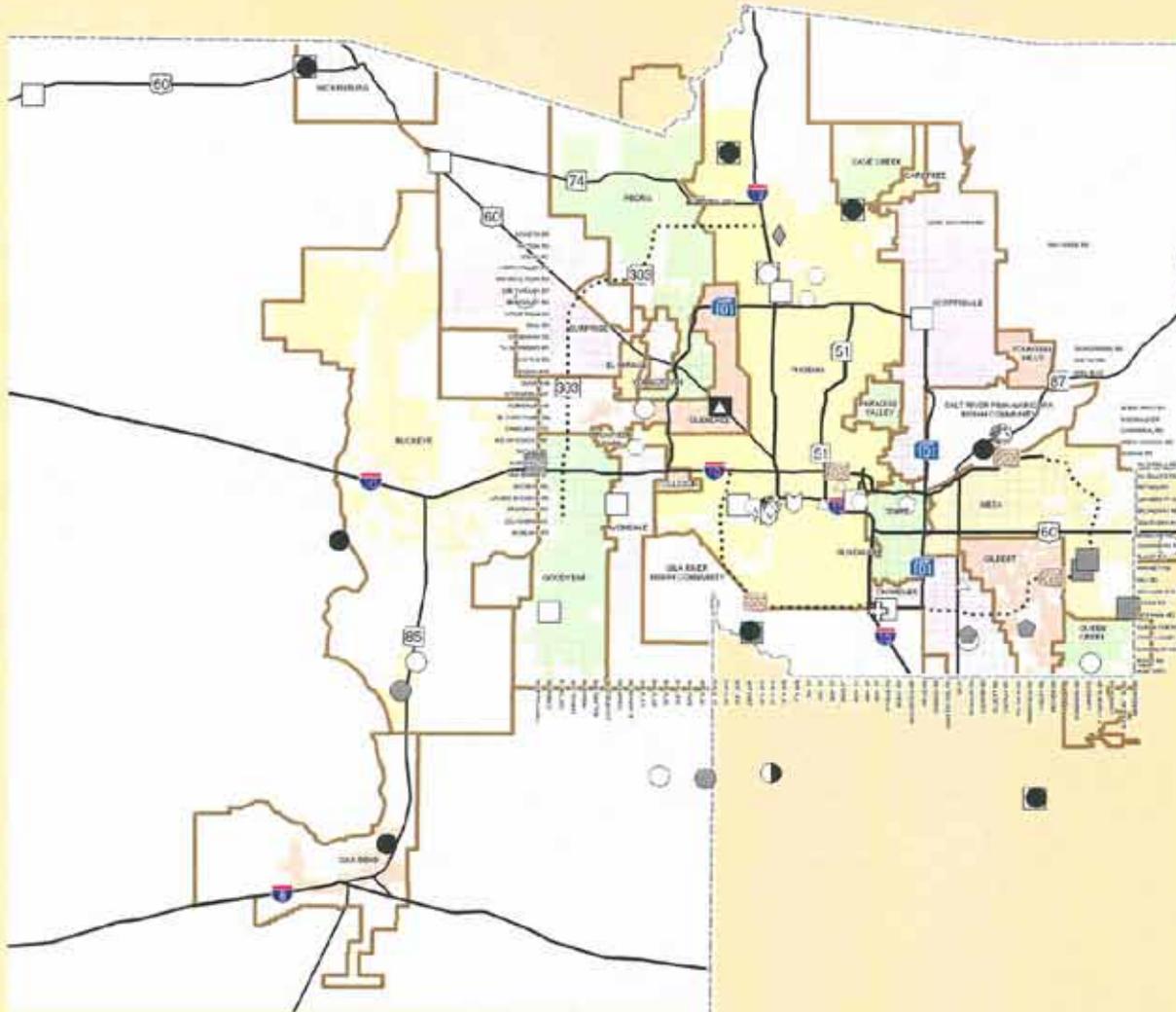
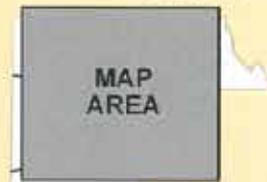
Solid Waste Management Plan

Fig. ES-1



Solid Waste Management Facilities

- | | |
|--|---|
| Landfill | Rubbish/ Construction & Demolition Debris Landfill |
| ○ Open | ▽ Open |
| ● Planned | Permanent Household Hazardous Waste Collection Facility |
| ● Closed | ○ Open |
| ◐ Inactive | ● Planned |
| Transfer Station | Composting Facility |
| □ Open | ⊕ Open |
| ■ Planned | ⊕ Planned |
| ■ Closed | Medical Waste |
| Materials Recovery Facility | ⊕ Open Treatment Facility |
| △ Open | ⊕ Open Transfer Station |
| Combined Transfer Station & Materials Recovery Facility | Other Features |
| ◇ Open | ▭ Municipal Planning Area |
| ◇ Planned | --- County Boundary |
| | — Existing Freeway |
| | ⋯ Planned Freeway |
| | — Other Roads |



Source: Maricopa Association of Governments

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Future Waste Management Needs

n **Illegal Dumping**

- | Establish ordinances/city codes
- | Develop a public education programs
- | Encourage volunteer watch programs

n **Household Hazardous Waste**

- | Partner
- | Establish more permanent facilities
- | Extend education efforts to the commercial sector

n **Business Waste Reduction/Recycling**

- | Encourage business waste reduction and recycling activities

n **Newly Emerging Waste Types**

- | Study options for management of appliances containing regulated substances and electronics waste



Plan Implementation

- n **Identification of municipal, county, state and private sector implementation responsibilities**
- n **Process for tracking Plan implementation and waste generation –Plan was last updated in 2005**



For more information

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