



# Water Resources Master Plan UPDATE

Jointly funded by the U.S. Environmental Protection Agency and the Guam Waterworks Authority.

## About the Master Plan

In June 2003 the U.S. Environmental Protection Agency, the Guam Waterworks Authority and the Government of Guam entered into an agreement called a Stipulated Order. Under this agreement the Guam Waterworks Authority, under EPA supervision, is undertaking a broad initiative to restore its facilities and to provide safe, reliable service to the island, while meeting all regulations.

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working with GWA, the GWA Water Resources Master Plan is examining GWA's existing water and wastewater system resources and identifying what needs to be built during the next 20 years to provide reliable water and wastewater service. It also identifies ways to improve service now.



*GWA's newly acquired crane has allowed the utility to promptly service its water wells and maintain production efficiency well above the U.S. national average.*

## Working Together

This master plan is different from previous master plans because the Stipulated Order will likely lead to a regulatory roadmap GWA must follow. In addition, the Water Resources Master Plan is taking a "team" approach. GWA staff and consultants are working together as an integrated project team to gather data and recommend asset management and capital needs. This effort will also involve working with the entire GWA staff during the data gathering phase. GWA employees are receiving extensive training in new technologies that will enable employees to work more effectively and efficiently in the future. The public is an important team member too. Last October GWA met with residents of villages throughout the island and is using that input to help develop the master plan. GWA will continue to provide information to the public and seek their input throughout the process.

## Schedule

As part of the Stipulated Order, the EPA requires GWA to make specific improvements or submit specific information to the EPA by predetermined dates. GWA has met most of the EPA's deadlines, but not all of them. GWA shares the EPA's goals of improving our system. GWA is making good progress on the master plan, working closely with the U.S. EPA and the Guam EPA to achieve the system improvements needed to provide excellent water and wastewater service to GWA customers. The master plan is scheduled to be completed in 2006.

[www.guamwaterworks.org](http://www.guamwaterworks.org)

## Common Questions

### What's included in a master plan?

Developing a master plan is more complicated than it sounds. It is truly a comprehensive document that will contain all the information needed for GWA to provide excellent service into the future. Here are some of the things GWA is working on as part of the master plan:

- Population forecasts
- Land use forecasts
- Water demand trends
- Detailed inventory of all facilities, including the condition, upcoming maintenance requirements and expected life spans of those facilities
- Digitizing all system maps and drawings
- Geographical information system (detailed mapping of island water and wastewater utilities)
- Hydraulic models
- Financial projections and plans
- Description of current and planned construction and rehabilitation projects
- Staff training
- Peer reviews of master plan
- Community activities

# We want to hear from you!

If you would like more information about the Water Resources Master Plan, or to provide input, please fill out and return this portion.

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

I would like more information about the Water Resources Master Plan

I have a comment about the Water Resources Master Plan (fill in below)

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Please detach and mail to:

Water Resources Master Plan Team, Guam Waterworks Authority, P.O. Box 3010, Hagatña, Guam 96932



P.O. Box 3010  
Hagatña, Guam 96932

Guam Waterworks Authority  
Water Resources Master Plan Update



**Guam Waterworks Authority**  
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August/September 2005

Dear Neighbor,

The Guam Waterworks Authority is committed to making sure our water and wastewater system works for everyone on Guam. That includes providing water Guam residents are confident is safe to drink, avoiding water outages and maintaining a wastewater system that protects human health and the environment.

We are currently developing a Water Resources Master Plan, which will greatly improve water and wastewater service on Guam and help us focus on routine maintenance and prevention of problems instead of emergency repairs. This plan will help ensure our children and their children will have the water they need and that the natural beauty and quality of life on Guam is preserved.

The purpose of this newsletter is to update you on our progress and get your input. Please look for future issues as we continue on our aggressive path to be a reliable, efficient and effective utility for our customers.

Sincerely,

David Craddick  
General Manager