



# GUAM ENVIRONMENTAL PROTECTION AGENCY

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ALL LIVING THINGS OF THE EARTH ARE ONE

f/GuamEPA @GuamEPA @GuamEPA

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## Mission Statement

To maintain high quality environment be maintained at all times to guarantee an enjoyable life for all people at present and in the future, and that all environmental degradation of the quality of land, water, and air by any pollutants, including all physical, chemical, and biological agents, should not be allowed.

To these ends, it is the purpose of this Guam EPA provide a united, integrated, and comprehensive territory-wide program of environmental protection and to provide a framework to fulfill that task.

Public Law 11-191

## Contact Information

Guam EPA Administration Building  
17-3304, Mariner Ave.  
Tiyan, Barrigada, GU 96913  
Telephone: (671) 300.4751/52/53  
Fax: (671) 300.4531

Guam EPA Operations Building  
15-6101 Mariner Ave.  
Tiyan, Barrigada, GU 96913  
Telephone: (671) 300.4772  
Fax: (671) 300.4531

Fiscal 2015 Report

Issued August 2016

## Leon Guerrero Heads GEPA



### OPERATIONAL STRUCTURE

Guam EPA has four Divisions and several special program areas. Each division has multiple programs that work to protect Guam's natural resources.

The Agency is comprised of the Water Division, the Air and Land Division, Environmental Monitoring and Analytical Services (EMAS) Division and Administrative Services Division.

Under each division, separate programs work to enforce local environmental law. Staff are guided by local mandates and goals set by federal grants.

Programs are funded almost entirely by federal grants administered by U.S. EPA. There are some projects the Agency completes through

local or special funds. Guam EPA receives technical guidance and support from U.S. EPA Region 9 and the Pacific Islands Office located in San Francisco, CA.

### STRATEGIC GOALS

During fiscal 2015, Guam EPA's strategic goals included increasing voluntary compliance, improving the permitting process and drafting the rules and regulations for the Recycling Revolving Fund.

### DEMOGRAPHICS/ATTRITION

Staffing at Guam EPA continues to be a critical issue for the agency. Guam EPA has 52 full-time employees. This is a decrease from 59 employees in 2009 and 57 employees in 2008. Many spots in programs need to be filled to complete each program mission successfully.

# Multiple programs working to protect Guam's natural resources

## Air and Land Division

### HAZARDOUS WASTE

This program is responsible for the proper management of substances considered by law to be hazardous. Their work includes:

- Implementing and enforcing waste data management information and the Underground Storage Tank (UST) state program,
- Conducting inspections and ensuring compliance with local and federal hazardous waste laws and regulations,
- Overseeing Leaking Underground Storage Tanks (LUST) remediation

### SOLID WASTE

This program focuses on management of any solid waste including residential, commercial, hardfill materials and green waste. Their work includes:

- Reviewing applications for permits and ensuring compliance with permits for municipal solid waste landfills, transfer stations, hardfills and other solid waste activities,
- Investigating illegal dump sites and responding to complaints, and
- Revising the Integrated Solid Waste Management Plan for Guam.

### PESTICIDES

This program is responsible for ensuring registered pesticides are used correctly in Guam. Their work includes:

- Surveying pesticide imports to ensure no illegal products are coming to Guam,
- Reviewing the conduct of those using pesticides in their workplace including ensuring they have the proper certification and training,
- Track pesticide influence over groundwater, and
- Respond to complaints of misuse of pesticides.

### AIR POLLUTION CONTROL

This program focuses on protecting Guam's air quality by doing the following:

- Keeping Guam's state implementation plan updated and maintained,
- Providing tests, education and outreach about Radon,
- Testing motor vehicle exhaust to ensure compliance,
- Overseeing the asbestos and lead abatement activities of Guam,
- Maintaining Guam's radiation monitoring programs,

- Ensure Illegal Chlorofluorocarbons (CFCs) are not being imported to Guam, and providing air-related advisories when necessary.

### DSMOA/GREEN PARCEL PROGRAM

This program works to ensure properties are clean and used to their fullest potential. Their work includes:

- Oversight of environmental activities on Base Realignment and Closure (BRAC) 1993 (III) and BRAC 1995 (IV), Navy Installation Restoration Program (IRP), Andersen Air Force Base Environmental Restoration Program (NPL site) and Formerly Used Defense Sites (FUDS)
- Implementing the Green Parcel Program via federally-funded activities to revitalize lands.

## Water Division

### SAFE DRINKING WATER

This program is charged with making sure all of Guam's drinking water is safe for consumption. Their work includes:

- Oversight and enforcement of Guam's Safe Drinking Water laws and regulations,
- Offering and requiring operator's certification for those working on Guam's drinking water system,
- Enforcing the Guam Lead Ban Act,
- Monitoring GWA's compliance with the Stipulated Order (SO), and
- Enforce drinking water laws as they pertain to water retailers, vending machine and other establishments.

### WATER RESOURCES MANAGEMENT

This program monitors Guam's groundwater to ensure it is not being impacted by surface activities. Their work includes:

- Running the Underground Injection Control (UIC) Program,
- Enforcing the Wellhead Protection Program,
- Enforcing regulations and permitting requirements for those who develop or operate water resources,
- Monitoring ground and surface water quality,
- Implementing the Groundwater Remediation Program and the MOU between Guam EPA and U.S. EPA regarding the Northern Guam Lens.

### WATER POLLUTION CONTROL

This program protects all types of water

in Guam through law, rules and regulations. Their work includes:

- Providing oversight of sewer construction
- Reviewing permit applications for the National Pollutant Discharge and Elimination System (NPDES),
- Leads the Spill Prevention and Control Countermeasure (SPCC) efforts of Guam EPA,
- Provides Watershed Planning Committee leadership and lead the Guam Nature Alliance
- Implements and administers the U.S. EPA Nonpoint Source Pollution Management Program,
- Is the lead division in the development and reporting of impaired waters to the U.S. EPA through the Clean Water Act requirements.
- Acts as the lead in implementing and enforcing soil erosion control and feedlot waste regulations, and
- Implements and enforce Individual Waste-water Regulations.

## Environmental Monitoring and Analytical MONITORING PROGRAM

This program conducts multiple monitoring programs for the island. This includes:

- Collects samples for the BEACH program
- Implements the Guam Water Quality Monitoring Strategy, and
- Provides technical support to other programs and agencies

### ANALYTICAL SERVICES PROGRAM

This program is tasked with maintaining and running Guam EPA's certified laboratory. This includes:

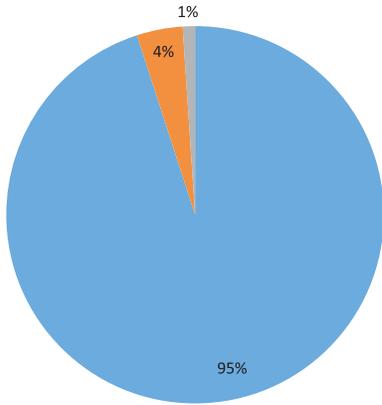
- Conducting and administering the Drinking Water Laboratory Certification program,
- Analyzing surface and groundwater samples

## Administrative and Management Division

Staff within the Administrative Services Division, including the Administrator, provide critical grant management and other type of support for the entire agency. For more information about our staffing, call 300-4751/52/53.

**FY 2015 FEDERAL FUNDS -REVENUE-**

Consolidated Grant DSMOA HMEP

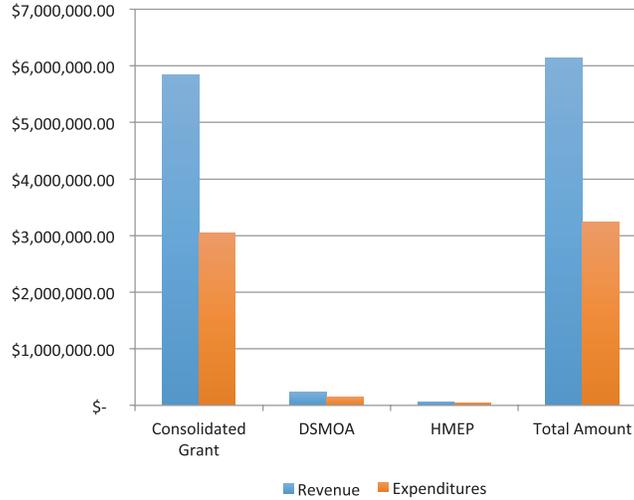


**Federal Funds**

	Revenue	Expenditures
Consolidated Grant	\$ 5,842,362.00	\$ 3,050,619.00
DSMOA	\$ 241,304.17	\$ 144,563.00
HMEP	\$ 64,806.12	\$ 49,453.00

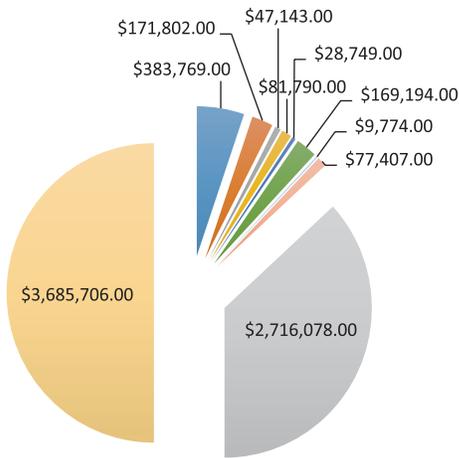
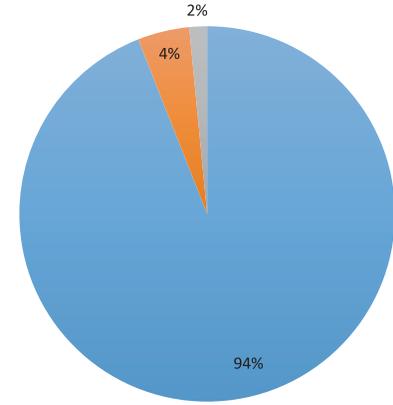
Total Amount \$ 6,148,472.29 \$ 3,244,635.00

\*\* Financials are based of the AS400

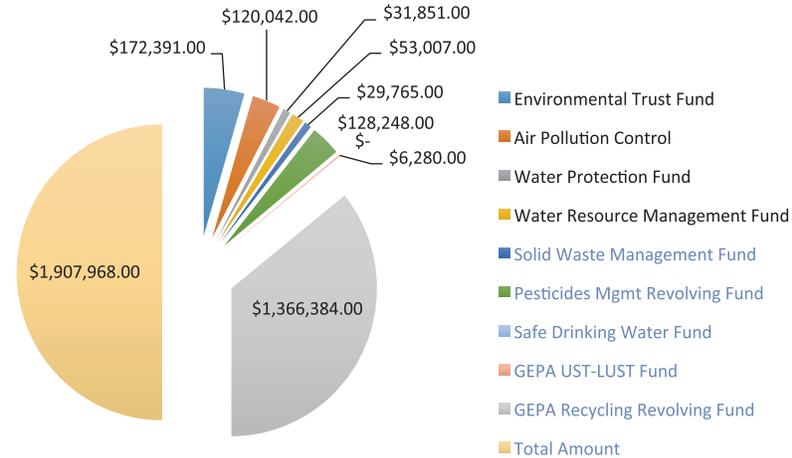


**FY 2015 FEDERAL FUNDS -EXPENDITURES-**

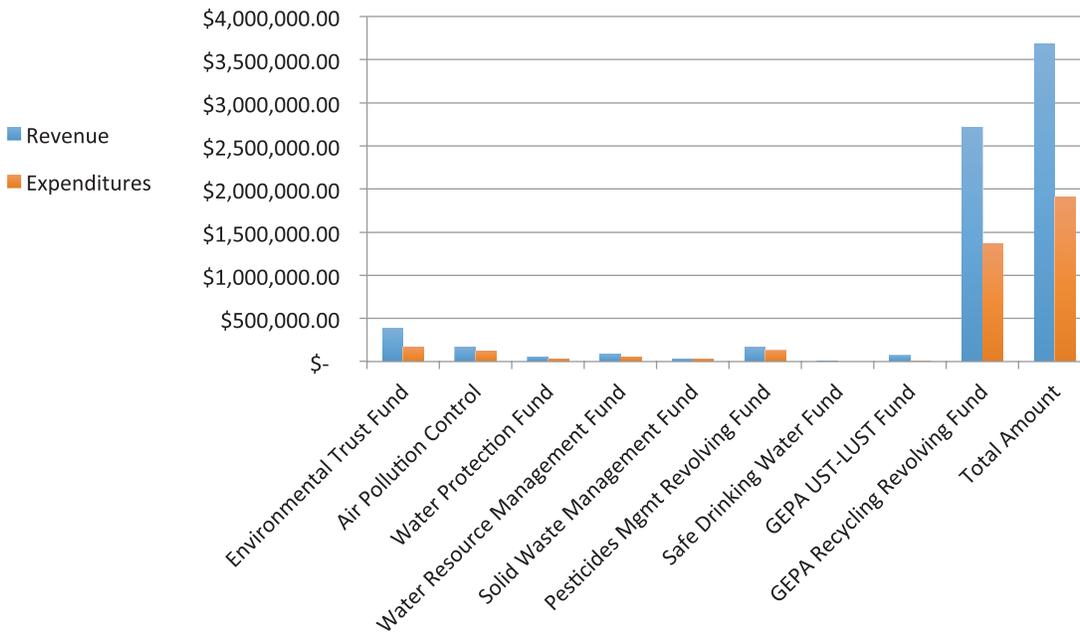
Consolidated Grant DSMOA HMEP



**FY 2015 LOCAL FUNDS - REVENUE**



**FY 2015 LOCAL FUNDS - EXPENDITURES**



# FY2016 Goals and Challenges



As we embark on the upcoming Fiscal year, our agency looks to the following:

- Address staff shortage in critical areas
- Modernize environmental statutes
- Promulgate rules and regulations for the Recycling Revolving Fund
- Implement the Guam Zero Waste Initiative
- Fully implement our Water, Air and Land Territorial Electronic Record System
- Improve the customer experience in the permitting process
- Continue to make strides with our US EPA counterparts in our performance