

GUAM ENVIRONMENTAL PROTECTION AGENCY

AHENSIAŃ PRUTEKSIÓN LINA'LA GUAHAN



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GOVERNOR OF GUAM

RAY TENORIO
LT. GOVERNOR OF GUAM

ERIC M. PALACIOS
ADMINISTRATOR

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November 12, 2014

TO: Honorable Judith T. Won Pat, Ed. D.

32-14-2255
Office of the Speaker
Judith T. Won Pat, Ed.D

FROM: Administrator, Guam Environmental Protection Agency Date: 11-12-14

Time: 2:15pm

SUBJECT: Guam EPA 2013 Citizen Centric Report

Received By: [Signature]

Hafa Adai! Attached is the 2013 Guam EPA Citizen Centric Report pursuant to Public Law 30-127.

If you have any questions, please contact Serena Manibusan at 300-4753.

ERIC M. PALACIOS
Administrator

2014 NOV 12 PM 2:36
[Signature]

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"ALL LIVING THINGS OF THE EARTH ARE ONE."

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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

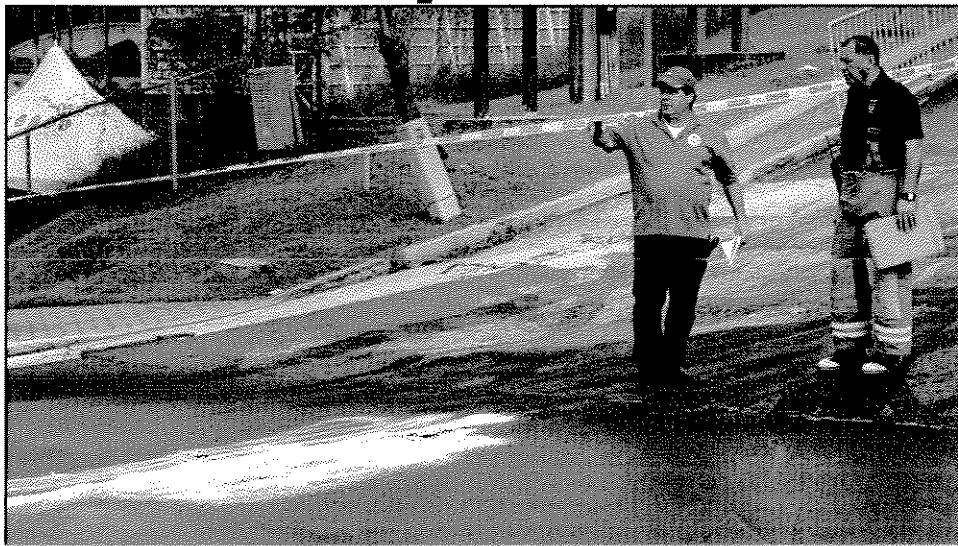
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FISCAL 2013 REPORT

ISSUED AUGUST 2014

One step at a time



EMERGENCY RESPONSE: Guam EPA Hazardous Waste Program's Michael O'Mallan discusses the emergency cleanup of a diesel spill in Tumon with the Guam Fire Department.

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 2013, Guam EPA's strategic goals included increasing voluntary compliance, improving the permitting process and hosting the Zero Waste Pacific workshop and conference.

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 Under-ground 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.

LOCAL FUNDS

Underground Storage Tank (UST) Fund

Solid Waste Mgmt Fund

Solid Waste Fund

Water Protection Fund

Water Resource Fund

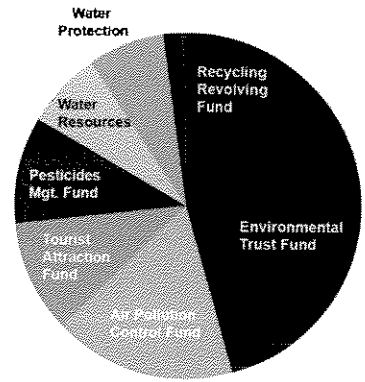
Pesticide Management Revolving Fund

Tourist Attraction Fund (TAF)

Air Pollution Control Fund

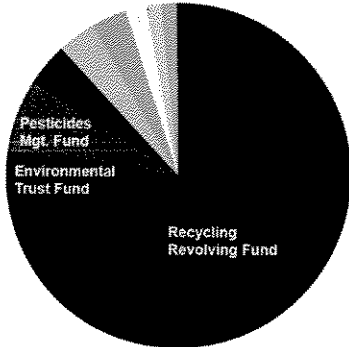
Environmental Trust Fund

Recycling Revolving Fund



Starting balance

Recycling Revolving Fund	\$3,514,356.47
Environmental Trust Fund	\$331,869.00
Pesticide Mgt Revolving Fund	\$331,795.88
Solid Waste Fund	\$200,000.00
Air Pollution Control Fund	\$184,422.00
Tourist Attraction Fund	\$171,179.32
Underground Storage Tank	\$89,183.00
Water Resource Fund	\$73,321.00
Water Protection Fund	\$66,461.00
Solid Waste Mgmt Fund	\$8,264.29



Expenditures

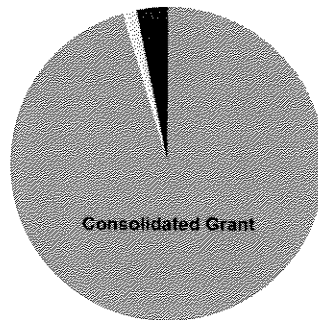
Recycling Revolving Fund	\$104,752.00
Environmental Trust Fund	\$284,710.00
Air Pollution Control Fund	\$146,475.00
Tourist Attraction Fund	\$88,737.69
Pesticide Mgt Revolving Fund	\$86,090.00
Water Resource	\$61,437.00
Water Protection Fund	\$60,074.00
Solid Waste Fund	\$14,915.95
Solid Waste Mgmt Fund	\$3,607.00
Underground Storage Tank	\$0.00

FEDERAL FUNDS

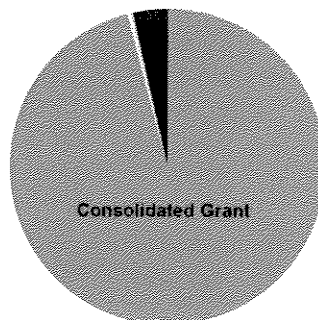
Starting balance

Consolidated Grant	\$3,956,349.00
HMEP	\$64,773.00
DSMOA	\$128,235.40

Starting balance



Expenditures



Expenditures

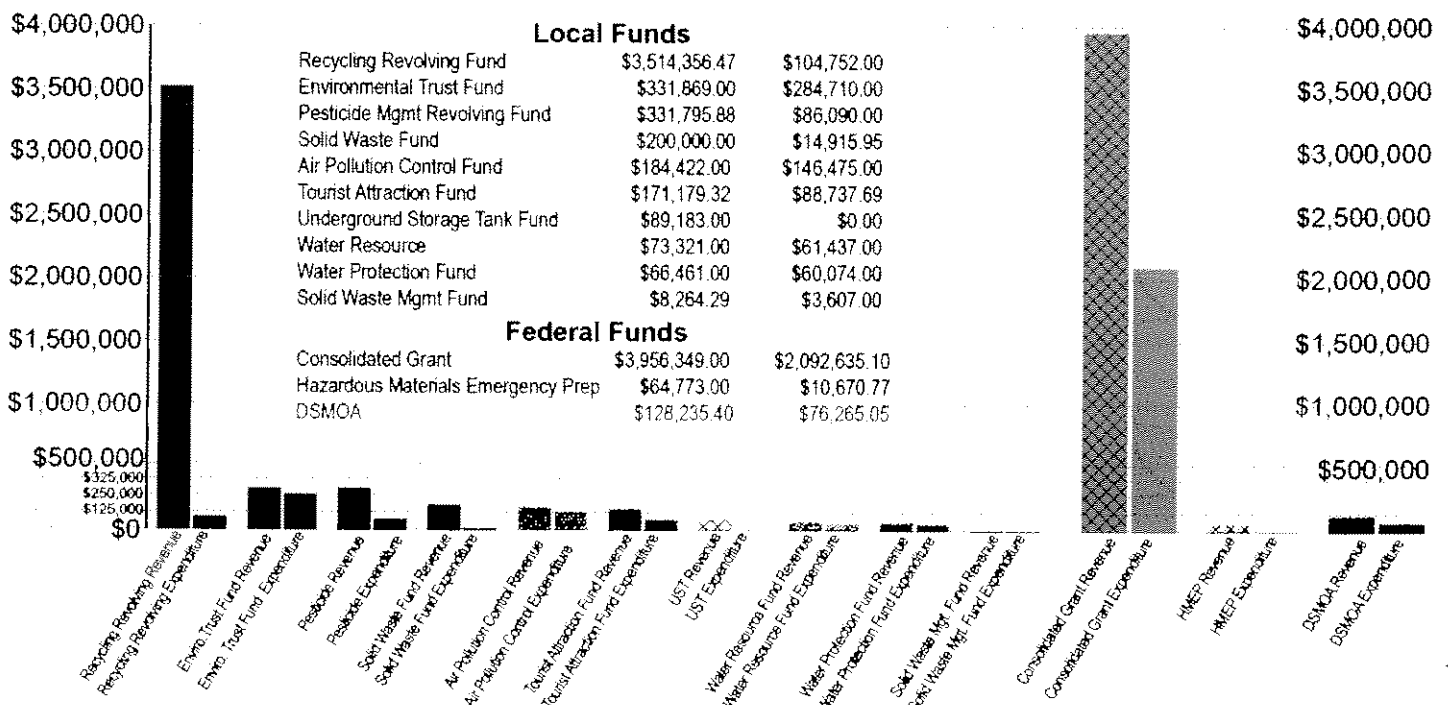
Consolidated Grant	\$2,092,635.10
HMEP	\$10,670.77
DSMOA	\$76,265.05

Department of Defense State and Territorial Memorandum of Agreement (DSMOA)

Hazardous Materials Emergency Preparedness (HMEP) Grant

Consolidated Grant

INCOME VS. SPENDING BY ACCOUNT



2014 Goals and Challenges



PERMIT REVIEW

During FY 2014, Guam EPA processed more than 1,000 permits and applications. The programs continue to work on ensuring all applications are processed in a timely manner. This process also includes making sure each permit is reviewed and properly vetted to ensure protection of natural resources.

As the Agency continues to complete this enormous tasking, there are significant challenges associated with permitting effectively.

UPDATING REGULATIONS

Many rules and regulations governing environmental protection in Guam are old and outdated. The Agency is in need of full-time legal counsel to get input from staff and help guide the process to update the Agency's laws and regulations.

TRAINING AND RETENTION

The influx of new projects and companies to Guam has made it critical for Guam EPA to retain key staffing personnel. While the Hay study was implemented in Feb. 2014, many private sector jobs still pose a threat to the Agency's retention rate.

Highlights from 2014

- Staff attended many trainings in emergency response and hazardous situation management offered through a grant coordinated by the Green Parcel program.

PARTNERSHIP

Guam EPA continues to work at building partnerships with other agencies, including the Mayors Council. Mayors were a partner during the Zero Waste Pacific conference and were given money out of the Recycling Revolving Fund to

assist with materials management throughout the island.

ENFORCEMENT

Effective enforcement has been and will continue to be a major goal for

Guam EPA. Guam EPA is partnering with other natural resource agencies to increase the amount of inspectors in the field and enforcement actions.

Highlights from 2014

- Guam EPA purchased motion sensor cameras to monitor illegal dumping sites and catch those in the act of illegal dumping.

FULL RECERTIFICATION OF LABORATORY AND STAFF

Guam EPA's lab received full recertification from U.S. EPA Region 9 for microbiology and inorganics. To maintain this certification, the chemists and lab are visited by a certification officer every three years.

PESTICIDE ENFORCEMENT

The Pesticide Enforcement Program continued their work to educate all workers using pesticides as part of their employment. This includes working to hire a contractor to conduct various pesticide courses, and managing the certification program for hotel workers who need BT-A cards. The program also received numerous Notice of Arrival forms to monitor the pesticides being imported to Guam.

ENSURING PROPER REPORTING

Guam EPA continues to work with local businesses and organizations to ensure they are properly reporting hazardous waste, chemicals, pesticide importation, sand importation and other activities that could have potential impacts on Guam's natural resources.



FOR MORE INFORMATION ABOUT THE GUAM ENVIRONMENTAL PROTECTION AGENCY, VISIT US AT WWW.EPA.GUAM.GOV OR CALL (671) 300-4751/52/53.