Guam Environmental Protection Agency
1973

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FY 2019
CITIZEN CENTRIC REPORT

Walter S. Leon Guerrero
ADMINISTRATOR

Nicholas Rupley Lee
ACTING DEPUTY ADMINISTRATOR

Robert Perron
GUAM EPA BOARD CHAIR

BOARD: Florida Sanchez, Steven Carrara, Ann Roth, Steve Hollister, Terry Brooks, Nick Pape

The Agency

HISTORY
Acting Gov. Kurt S. Moylan Signed Public Law 11-191 on December 7, 1972 that enabled the creation of the Guam Environmental Protection Agency. The Public Law gave responsibilities once given to different agencies and commissions to the newly formed Guam EPA. On March 3, the following year, Guam EPA officially started work and took up residence at the Harmon Plaza. Today, agency is housed in two buildings in Tiyan Barrigada, Guam

MISSION STATEMENT
The Agency's public policy of this territory of Guam is that a high quality environment be maintained at all times to guarantee van enjoyable life for all people at present and in the future, and that 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 Act to provide a united, integrated, and comprehensive territory-wide program of environmental protect and to provide a framework to fulfill that task.

ABOUT THE AGENCY
The Guam Environmental Protection Agency is a semiautonomous agency of the Government of Guam. Through an integrated framework, regulations, and core divisions, Guam EPA focuses on protecting health of the community and intends on maintaining a sustainable and beautiful environment for the people of Guam. Guam EPA provides for the continued implementation throughout the Island of Guam, inclusive of air, land and water. GEPA also provides enforcement, permitting and public service through the various programs such as Water, Solid Waste, Hazardous Waste and Air Pollution. Protection of the island's air, land and water are paramount to the agency.

The Agency's policy is established by a Board of Directors . The Board meets once a month, and meetings are open to the public. Board Members are appointed by the Governor to three-year terms. Under Guam law, the Guam EPA Board of Directors also serves as an appellate body. Any citizen who believes he or she has been aggrieved by an action or decision of the Guam EPA Administrator can request a hearing before the Board. The Administrator and Deputy Administrator of Guam EPA are appointed by the Board of Directors.

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2 Programs & Metrics

Air Pollution Control Program
Asbestos Notification Plan Reviews: 11
Facility Inspections: 1
Major Source Permits Issued: 1
Major Source Permits Reviewed: 4
Minor Source Permits Issued: 37
Minor Source Air Permits Reviewed: 110
Occupancy Building Plan Reviews: 0
Notice of Violations Issued: 0
Fugitive Dust Control Plans Reviewed: 0

Hazardous Waste Management Program
RCRA C Co-Agency Compliance Inspections: 8
RCRA EPA ID Number requests: 11
Underground Storage Tank Inspections: 39
Underground Storage Tank Permits Issued: 127
Co-Agency inspections of Field Constructed Tanks/ Airport Hydrant Systems w/ USEPA Region 9: 3
Above Ground Storage Tank Permits Issued: 518
SPCC Plans reviewed: 7
SPCC Co-Agency Inspections: 5

Solid Waste Management Program
Complaints Received: 150
SW Inspections: 125
Notice of Violation (NOV) Issued: 2
Written Warnings / Field NOVs Issued: 32
Litter Citations Issued: 28
Disposal Plans Received: 531
Disposal Plans Issued: 531
Compliance Occupancy Inspections: 340

Monitoring Program:
Recreational Beach Monitoring Samples: 2,191
Status and Trends Monitoring Program Marine Bioassessment: 18
Aggregate Inspections: 3
Burial At Sea Requests: 5
Sanitary Survey Water Quality Inspections: 5
Vessel Grounding Inspections: 2
Inspection: (Coral Bleaching, Coral Resources): 5
Wetland verifications: 2

Analytical Services Program
Microbiology QA/QC Samples: 3292
Chemistry QA/QC Samples: 527
Laboratory Certifications: 12
Received Chemistry certification for EPA method 353.2 – Nitrate-Nitrite analysis
Annual Production Well (Nitrates/Chlorides): 232
Sand/Aggregates samples (Coliforms): 59
Recreational Beach Monitoring Program samples: 2254
Compliance Monitoring/Special Studies samples: 78

Pesticides Enforcement Program
Agricultural Use Inspections: 14
Market Inspections: 8
Importation Inspections: 20
Enforcement Actions: 16
Notices of Violation Issued: 3
Notices of Arrivals Processed: 3,000

Non-Point Source Program
Section 401 Water Quality Certification's issued: 13

Water Pollution Control Program
Building/Grading Permit Reviews: 437
Occupancy Permit Issued Including H-2 Importation: 231
Site Ocular Inspection Including ST/LF Inspection: 448
NOV Issued: 12
NPDES Facilities Inspections: 4
Pump Station/Collection Inspections: 6

AGENCY HIGHLIGHTS

Above-ground Storage Tanks (AST) Rules and Regulations Promulgated - December 2018
Bill 236-35 was signed into Guam Law on December 14, 2018 and established the island's official above-ground storage tank rules and regulations. Prior to this law, the authority over spills of above-ground storage of regulated substances resided primarily with the Federal Code of Regulations. The law allowed for the agency to have enhanced capability to respond to spills.

Guam EPA Hosts the 30th Pacific Islands Environment Conference (PIEC) - June 2019
The host duties for Pacific Islands Environment Conference is assigned to Guam every six years, and rotates between American Samoa and the CNMI. The theme of this year's conference is "Greening Growth in the Pacific." The 30th PIEC highlighted the need for climate control, circular economies, zero waste, sustainability and the brought more awareness towards the dangers of PFAS. The PIEC featured world renown subject matter experts in its plenary and breakout sessions.

Guam EPA Leads Island's First Ever Agent Orange Sampling Event Outside the DOD Fenceline - November 2018
Through the support and coordination with US EPA Region 9's Superfund Technical Assistance and Response Team, Guam's first Agent Orange sampling event occurred at four locations on Guam: Tiyan, Pott Junction, Mongmong-Toto-Maite and Nimitz Hill. The sampling took place shortly after the US GAO released their report on the sampling and testing for constituents of Agent Orange on Guam.

Guam EPA Leads Efforts for the 90% Design Review of Layon Landfill Cell #3 - January 2019
Guam EPA completed was charged with the 90% Design review of Layon Landfill Cell 3. The review was a major requirement for the deign and construction of cell 3 at the Layon Landfill. This was a major component for the US District Court to end the federal receivership over the island's solid waste operations. Guam EPA worked with US EPA Region 9 to leverage funding for the US Army Corps of Engineers to perform the design review. The agency worked with Adanta, the US ACE's contractor

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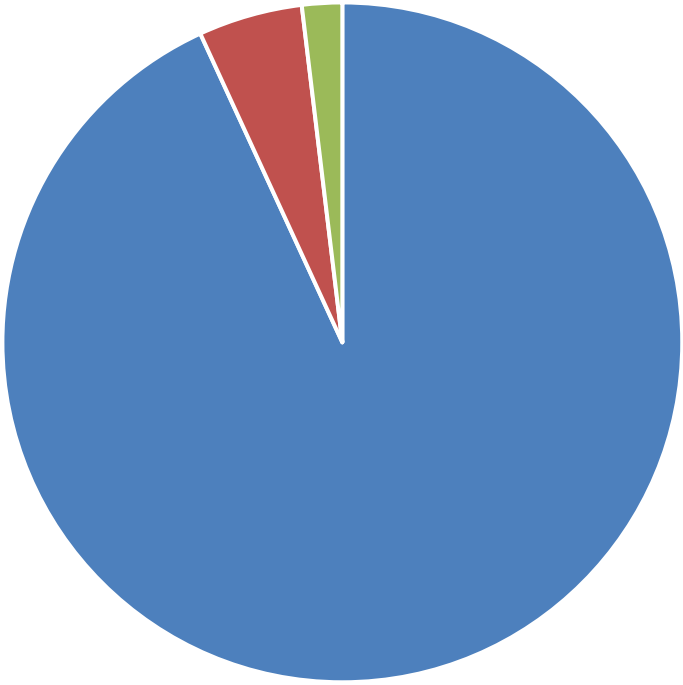
3 Agency Financials

FEDERAL FUNDING:
93% CONSOLIDATED GRANT
2% HMEP
5% DSMOA



FEDERAL FUNDS	FISCAL YEAR 2019		
Account Name	**REVENUE**	**EXEPENDITURES**	**BALANCE**
CONSOLIDATED GRANT	3,395,816.00	2,703,065.27	692,750.73
DSMOA	180,628.46	141,819.23	38,809.23
HMEP TRAINING/PLANNING	69,580.00	-	69,580.00
SPECIAL AND LOCAL			
Account Name			
ENVIRONMENTAL TRUST FUND	409,267.00	273,957.42	135,309.58
AIR POLLUTION CONTROL	230,673.00	209,725.94	20,947.06
WATER PROTECTION FUND	61,844.00	51,376.57	10,467.43
WATER RESOURCE FUND	67,811.00	61,323.35	6,487.65
SOLID WASTE MANAGEMENT FUND	6,685.34	3,676.61	3,008.73
PESTICIDES MGMT REVOLVING FUND	133,038.00	125,991.12	7,046.88
SAFE DRINKING WATER FUND	1,120.00	-	1,120.00
GEPA UST-LUST FUND	376,251.00	84,586.63	291,664.37
TOURIST ATTRACTION FUND	108,289.00	102,822.02	5,466.98
GEPA SOLID WASTE OP LANDFILL	202,922.00	200,000.00	2,922.00
GEPA RECYCLING REVOLOVING FUND	6,527,358.32	2,104,762.06	4,422,596.26

4 Future Outlook

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

- Continue towards the promulgation of the Recycling Revolving Fund rules and regulations
- Provide reports and updates into the use of chlorinated herbicides on Guam
- Address staff shortage in critical areas
- Continue to modernize environmental statutes, rules and regulations
- Fully implement our Water, Air and Land Territorial Electronic Record System
- Improve the customer experience in the permitting process
- Address illegal dumping activity on Guam
- Address abandoned derelict vessels
- Update Quality Assurance Plans for pesticides
- Improve on education and outreach in areas of enforcement and compliance