

Annual Report 2009-2010

Hazard Management Cayman Islands



HAZARD MANAGEMENT CAYMAN ISLANDS



ANNUAL REPORT 2009 - 2010

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HAZARD MANAGEMENT CAYMAN ISLANDS ANNUAL REPORT

Vision

A comprehensive approach to hazard management: To facilitate and coordinate the development and implementation of a comprehensive disaster-management program through mitigation, preparedness, response and recovery.

Mission Statement

Building the disaster resiliency of the Cayman Islands with full community participation in the national approach to hazard management through mitigation, preparedness, response and recovery, thereby ensuring the preservation of human life, property and economic recovery.

Overview

Hazard Management Cayman Islands (HMCI) has overall responsibility for the national hazard management program, including preparedness, response, mitigation and recovery. HMCI is responsible for the National Emergency Operations Centre (NEOC), which is activated to direct and coordinate the national response to threats. HMCI also has responsibility for maintaining the National Hazard Management plans for threats such as hurricanes and earthquakes.

Furthermore, HMCI is:

- developing and implementing policies and programs that will achieve and maintain an appropriate state of national preparedness for all emergency situations;
- encouraging and supporting disaster preparedness and mitigation measures, in collaboration with community-based organizations, private agencies and voluntary agencies;
- providing appropriate training programs and consulting services in disaster preparedness, mitigation and management, and loss reduction; and

- planning and implementing programs to enhance public awareness and understanding of disaster-related issues, emergency management, hazard prevention, and related matters.

Executive Summary

Mr. McCleary Frederick was appointed HMCI director on August 14, 2009. His predecessor, Dr. Barbara Carby, returned to Jamaica at the end of her contract.

During her three years with the agency, Dr. Carby was instrumental in establishing the full-time disaster management office, and implementing an all-hazard approach to disaster management. The agency has continued to promote comprehensive disaster management as the national approach for the Cayman Islands.

In addition to the departure of Dr. Carby, Donald Druitt, deputy director for operations, left on November 18, 2009, after two years with the agency. The vacancy was advertised; however, no suitable candidate was found among the applications received. The vacancy will be readvertised.

There were two additions to HMCI staff. Mikana Scott joined the agency on January 18, 2010, as hazard management intern. She is enrolled at Louisiana State University, pursuing a degree in disaster science and management. This internship position provides an opportunity for individuals to gain experience and improve their understanding and skill levels in disaster management, while pursuing relevant academics.

Amber Biberdorf joined the agency on March 15, 2010, as the hazard mitigation officer. She assists the deputy director of mitigation and operations in developing, implementing and maintaining risk management policies and procedures; and with projects and programs related to the national mitigation strategy. Her current focus is producing hazard and risk maps; developing the geographical information systems (GIS) database; and developing a national mitigation strategy and plan.

A restructure of the agency is proposed to streamline some functions, and to add and review others, in an effort to increase the departments' efficiency and allow growth within the department for staff.

Budget and Outputs

The total budget for 2009/2010 was \$1,356,027; actual expenditure was \$1,362,681.00. For a detailed budget, see Appendix A.

The department's five outputs establish its priorities and strategies, and define its expenditure and achievements for the financial year. The outputs for the 2009/2010 fiscal year are provided below.

NEM 1	National Disaster Preparedness	Budget	\$311,147	Actual	\$310,653
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Description

Maintain a state of maximum preparedness through the provision of necessary resources and ensure the existence of hazard management plans from community to national level, and for all sectors, through:

- public awareness;
- training; and
- developing and maintaining disaster plans.

NEM 2	Policy Advice & Ministerial Servicing	Budget	\$241,322	Actual	\$240,938
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Description

Provide policy advice to the Ministers, Chief Secretary, government departments and others on matters relating to national hazard management and disaster preparedness. Coordinate and monitor the implementation of the national disaster risk management program.

NEM 3	Hazard Mitigation	Budget	\$201,656	Actual	\$201,330
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Description

A cooperative proactive partnership of the public, private sectors to build a culture of safety and resilience, to encourage and facilitate implementation of mitigation measures and minimize the consequences of natural and other disasters.

NEM 4	National Disaster Response	Budget	\$379,972	Actual	\$379,366
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Description

Provide the tools and support needed to ensure national response readiness in the event of any national disaster. The provision of assistance during or immediately after a disaster for the preservation of life and the provision of basic essential supply and services for those people affected.

NEM 6	Management of Hurricane Preparedness Activities	Budget	\$230,930	Actual	\$230,394
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Description

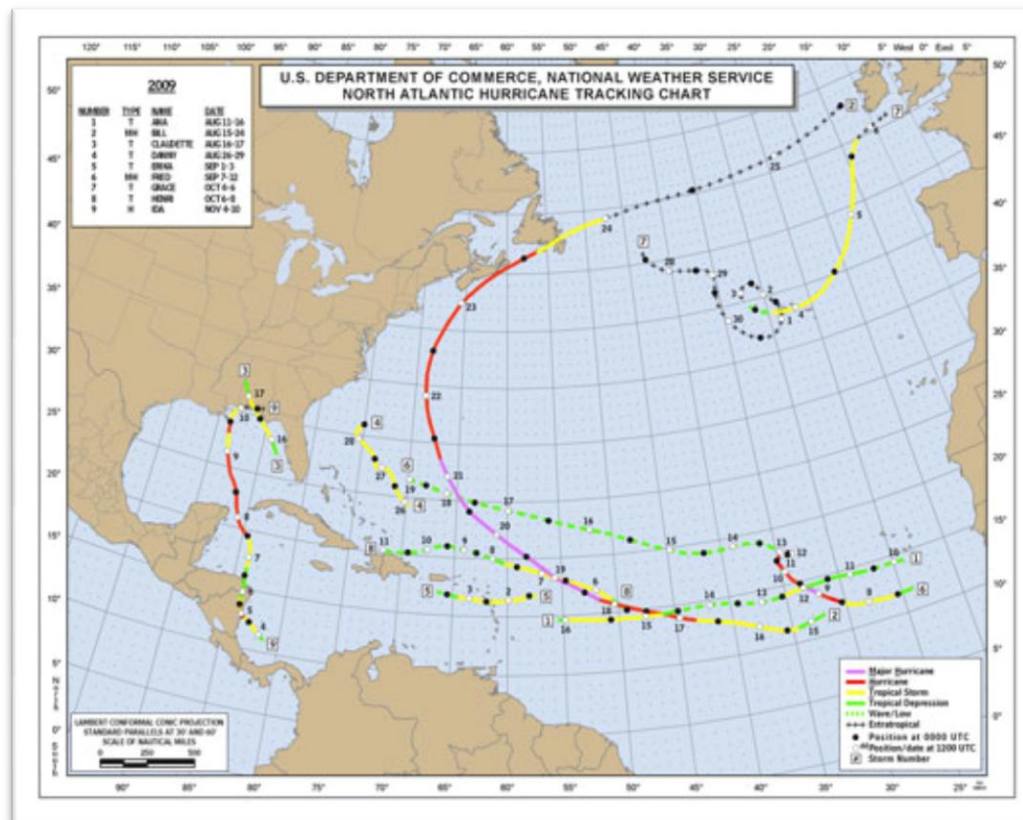
Promotion, facilitation and management of hurricane preparedness activities by maintaining and complying with the National Hurricane Plan.

Hurricane Season

Tropical cyclone activity during the 2009 Atlantic hurricane season was below normal,¹ as the long term average is 11 named storms, six hurricanes, and two major hurricanes.

In 2009, nine named storms formed in the Atlantic, of which three became hurricanes and two became major hurricanes. In addition to these, two tropical depressions did not reach tropical storm strength.

For the Cayman Islands, the only threat was Hurricane Ida. Ida was a late-season hurricane that greatly affected the east coast of Nicaragua and adjacent islands. It was the first November hurricane in the Gulf of Mexico since Kate of 1985. Ida's genesis was associated with a poorly defined tropical wave that reached the western Caribbean Sea on November 1.² About 1 am on November 4, a tropical depression was declared, just to the southeast of San Andres Island, Colombia.



The depression further strengthened and Tropical Storm Ida formed at 4 pm Wednesday, November 4. At that time Ida was located at 12.0 N 82.7 W, or about 500 miles south of Grand Cayman. The depression intensified and a tropical storm warning was issued at 7am Saturday, November 7. At the time the warning was issued, Ida was located at 17.4 N 84.1 W, or about 220 miles southwest of Grand Cayman. The closest point of approach (CPA) was 185 miles west-southwest of Grand Cayman at 1pm Saturday, November 7. The all-clear was issued at 7 am Sunday, November 8.

¹ NOAA, National Weather Service, National Hurricane Center, Tropical Weather Summary Dec1, 2009

² NOAA, National Weather Service, National Hurricane Center, Tropical Cyclone Report Hurricane Ida (AL112009) 4-10 November 2009

Preparedness /Public Awareness

Public Awareness/Training

The beginning of the 2009 hurricane season featured a barrage of publicity. HMCI launched its hurricane awareness messages on four dms Broadcast radio stations; staff and partners also made numerous appearances on other radio stations and television, included recorded messages from the Governor and Premier.

The Premier, the Hon. McKeeva Bush, OBE, JP, toured the NEOC in 2009; and HMCI Director McCleary Frederick briefed the new Governor, Mr. Duncan Taylor, on the department's functions. Mr. Taylor toured the NEOC very soon after his arrival in Cayman.

Major public awareness campaigns conducted during the year were:

- The 5th Anniversary of Hurricane Ivan, on 11th September 2009 with His Excellency Governor Stuart Jack; Premier Designate the Hon. McKeeva Bush, OBE, JP; and Chief Secretary Donovan Ebanks contributing to pre recorded radio and television messages. Charley Powell and Edny McLean, shelter wardens for Bodden Town and East End, respectively, were interviewed about their experiences during Hurricane Ivan, and their interviews were replayed by the media.
- Earthquake Awareness Day on December 14 2009. Local interest in HMCI's seismic-outreach program rose dramatically after a 5.9 earthquake on 19 January 2010 shook the island's residents. Within two months after this event, 29 earthquake presentations and seven drills and were provided to financial institutions, schools and government agencies, and hundreds of residents received copies of HMCI's earthquake brochure. There also was significant interest in the development of disaster plans, and for review of existing plans.
- National Day of Preparedness, which has become established as an annual event, was held on May 17, 2010.
- HMCI participated in the Island Living and Agricultural shows, where staff distributed information and spoke with the public about their hurricane preparedness. Insurance, mental health issues, legislation, diabetes, travel documents and other disaster-related issues were featured in ongoing outreach efforts.

Two more efforts are noteworthy. HMCI and the Cayman Islands Red Cross partnered on the National Community Emergency Response Team Programme, which creates and strengthens Community Emergency Response Teams (CERTs) in all three

Cayman Islands. A new team was established in Pease Bay, and the Prospect and North Side groups continued to develop and grow.

Also, HMCI met with Ministry of Education officials to establish a schedule of awareness seminars and drills in the schools. In the past, hazard presentations were arranged directly with the principals; however, a more comprehensive and consistent program was needed. Presentations have now been made to all government and private schools in all three islands, providing students with an initial introduction to HMCI earthquake and the hurricane awareness presentations. Students also were involved in emergency drills.

Shelter Management

There are 20 Class A shelters, with a total capacity of 4,300 persons, approved for use during hurricanes. Furthermore, Class B shelters provide temporary housing in the aftermath of an event. Selected Class A shelters are designated as emergency medical shelters, with trained medical staff on hand. Besides hurricanes, the shelters could be activated after an earthquake, flood, or any other type of natural or manmade disaster that displaces a significant number of residents.



Approximately 125 people registered for shelter management training, held May 12 and 13, 2010 at Prospect Primary School Hall.

Participants were educated on the range of threats that could prompt the opening of the shelters; the use of hand-held radios; and shelter managers' roles and responsibilities. They also learned how to set up a shelter, including how to maintain rules and keep records.

HMCI is now testing a method of registering shelter residents with the use of electronic passport readers. It is expected that this method of registration eventually will be used at all of the shelters.

Shelter Signs

Directional road signs were installed to make it easier for residents and visitors to find emergency shelters. National Roads Authority staff procured and installed the 40 signs in locations across all three islands.



Exercises

- **Hurricane Dan**

The annual hurricane exercise was a tabletop practice, named “Hurricane Dan,” held on May 5, 2009. Goals were to:

- familiarize participants with the National Emergency Operations Centre’s standard operating procedures;
- test NEOC responders in the use of WebEOC, which is the NEOC’s central data management system; and
- ensure that all participants were familiar with their roles in managing a major hurricane affecting the Cayman Islands.

The exercise fulfilled its objectives; there were some lessons learned and issues identified that were critical to ensure effective and efficient response to disasters. Strategies have been implemented to address the main areas of concern, which were:

- notification of NEOC participants and MLAs;
- activation and operation of the NEOC; and
- Web EOC.

- **Sister Islands Hurricane Exercise**

An exercise for the Sister Islands was held with the Sister Islands Emergency Committee on 17 June 2010. It was coordinated with the June 18 visit to Cayman Brac of the *HMS Manchester*, under Commander Rex J. Cox. The exercise’s goal was to familiarize participants with WebEOC, and the *Manchester’s* disaster-relief capabilities.

- **Community Emergency Response Team**

The Belford Estates Community Emergency Response Team (CERT) conducted an emergency exercise on August 13, 2009. The exercise simulated the direct impact of a category 5 hurricane approaching from the south at 14 mph, with the eyewall coming ashore near Bodden Town. The exercise attracted a lot of interest, especially from other CERTS that are forming in different areas of Bodden Town. Ideally, every community in the Cayman Islands should have a CERT, to enable residents to better cope in the immediate days after a significant disaster, when national relief services and supplies may be limited.

- HMCI also participated in a full emergency exercise in Cayman Brac, for Gerrard Smith International Airport, on June 7, 2010. A full exercise is scheduled for Owen Roberts International Airport, in Grand Cayman, in 2011.

- **Training for Mass Casualty / Incident Command Systems**

HMCI and the Pan American Health Organization (PAHO) worked to improve the disaster-response capacity in the Cayman Islands. From February 16–28, about 90 persons received training in mass casualty management, emergency care and treatment, and incident command systems.

Participants included first responders such as police officers, firefighters, and health care workers, as well as volunteers from agencies such as the Red Cross, the Adventist Development and Relief Agency (ADRA), and the Community Emergency Response Teams (CERTs).

National Day of Preparedness

National Day of Preparedness was celebrated on May 17, 2010. Supporting HMCI's efforts were local hardware stores Cox Lumber Ltd., Kirk Home Centre, Uncle Bill's Home Improvement Centre, and A.L. Thompson's. Progressive Distributors also joined HMCI as a sponsoring partner in 2010.

Each company put together disaster preparedness kits as giveaways, and offered space in their premises for HMCI staff to speak with the public, and distribute hurricane information kits and hazard brochures. Residents were urged to take personal responsibility for their preparedness; update their family plans; check shutters; service generators; and restock first-aid kits and supplies of nonperishable food.

Other suggestions included checking on insurance policies to ensure they were current; removing debris from yards; trimming trees; and making sure persons had more than one safe alternative for shelter. Thousands of residents attended the event, and four of them won disaster preparedness kits. The National Preparedness events were preceded by a strong publicity drive, using a range of media.

Response

In 2009/2010, it was unnecessary to activate the National Emergency Operations Center (NEOC) as the result of an emergency. There were, however, incidents to which HMCI staff responded.

The Cayman Islands experienced an earthquake of magnitude 5.9 at 9:23 am on Tuesday, January 19, 2010. The earthquake was located 32 miles south of Bodden Town, Grand Cayman, at 19.021 N and 80.50.77 W; and at a depth of 6.2 miles. No tsunami

warning was issued, and there were no reports of injuries or structural damage. However, a sinkhole that opened at Pirates Liar in South Sound attracted much attention.



Sink Hole at Pirates Point ³

The earthquake caused occupants around Grand Cayman to evacuate buildings, and some concerned parents went to schools to collect their children.

In addition to this event, there were six other earthquakes reported within a 100-mile radius of Grand Cayman from July 1, 2009 to June 30, 2010. These earthquakes ranged in magnitudes from 3.8 to 5. See list below.

Year	Month	Day	Time(hhmmss.mm)UTC	Latitude	Longitude	Magnitude
2010	1	19	142338.85	19	-80.8	5.9
2010	2	12	74609.57	18.83	-81.39	3.8
2010	3	1	160537.1	18.86	-81.52	4.6
2010	4	3	231054.57	18.36	-81.38	4.2
2010	4	5	72912.63	17.9	-81.57	5
2010	4	18	13826.91	17.99	-81.64	4.8
2010	4	18	32449.14	18.11	-81.68	4.5

Seismographs

Four state-of-the-art seismograph stations have been installed throughout the Cayman Islands. Two seismographs are located in Grand Cayman, (West Bay and Frank Sound); one in Little Cayman; and another on Cayman Brac. Three of the four seismographs are fully functional, and providing data on earthquakes. The station in Cayman Brac is expected to be operational soon, after which the four-station network will be commissioned to form part of the regional and worldwide network.

Recovery

There were no recovery activities for the period. The draft national relief management plan is being reviewed, and a final draft should be provided to the National Hazard Management Executive early next year. The draft recovery plan will also be reviewed.

³ U. S. Geological Survey Earthquake Data Base

Mitigation

Not much has been done in the development of the national mitigation plan. However, with the addition of the hazard mitigation officer, hazard mapping will be an HMCI priority. Maps that will be developed initially are:

- the flood map, to document areas that flood from heavy rain;
- hazardous materials storage;
- essential facilities; and
- required maps for WebEOC.

HMCI Activities

OTC Conference Miami

The Foreign and Commonwealth Office (FCO) held its Third Annual Overseas Territories Disaster Management Seminar, for the Caribbean Overseas Territories, in Miami on June 10 and 11, 2010. The seminar was co-funded by the UK Department for International Development (DFID).

Representatives came from the governors' offices of all of the Overseas Territories. Also, Overseas Territories (OT) disaster management departments from Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Montserrat, and Turks and Caicos Islands provided briefs on local preparedness, and exchanged ideas on best practice and mutual assistance.



A key component of the annual seminar is the attendance of officers from the Royal Navy, Atlantic Patrol Taskforce North. This segment allows OT representatives to brief the taskforce about their respective countries' infrastructure; and where the taskforce could add the most value in the event of a direct hit. It also allows participants to discuss taskforce training visits.

During the conference, senior officers of the *HMS Manchester* briefed OT representatives on the crew's capabilities to provide assistance in the immediate aftermath of a hurricane.

Regional Risk Reduction Initiative (R3I)

The Cayman Islands is participating in the Overseas Countries and Territories Regional Risk Reduction Initiative (OCT R3I), a three-year initiative funded by the European Commission. The €4.932M (CIS\$ 5.496M) project serves Anguilla, Aruba, British Virgin Islands, Cayman Islands, Montserrat, Netherlands Antilles (Bonaire, Curacao, Saba, Sint Eustatius and Sint Maarten), and Turks and Caicos Islands.

Its objectives are to:

- develop the local capacities of the OCTs by providing them with tools (spatial data infrastructure and models), and best practices to support a comprehensive disaster risk management approach; and
- build capacity in disaster risk management.

At the R3I meeting held February 8-11, 2010, in Martinique, it was agreed to conduct a capacity assessment of participating countries. Consultants subsequently assessed each country, to determine its risk management index. The index helped to identify each country's capacity gaps, so that the data could help to shape activities for the country's government, civil organizations, and private sector.

Cayman's overall risk-management score (RMI) was 49%. According to the consultants, "This indicates a lot of work and resources are required for the country to be able to mainstream disaster risk reduction.

"Disaggregating the data for various risk indices revealed that the country obtained scores of 50% and above in disaster preparedness (66%), emergency response (58%) and rehabilitation and reconstruction (50%). Overall, the Cayman Islands' main weakness is in hazard mitigation (39%).

"This means that during the occurrence of a disaster there is a higher probability of increased property damage and community interruption. Critical facilities will not be protected; loss of lives is likely to occur. Having a mitigation plan would provide long-term perspective; it would be comprehensive and would encourage communitywide involvement. Cayman Islands' interventions should reflect this area."

Overall while the Cayman Islands’ risk management indices (RMI) received an average rating, in the individual components show that the Cayman Islands have many strengths that other Caribbean countries or OCTs can benefit from.”⁴

The full report can be read on HMCI’s website, www.caymanprepared.gov.ky

Other Conference and Seminars

Staff from HMCI also attended these conferences and seminars during the 2009/2010 financial year.

- CARIFORUM disaster task force, April 8–10 2010, Trinidad.
- WebEOC User Conference, May 17-21 2010, Augusta Georgia
- Governor’s Hurricane Conference, May 23-29, 2010, Fort Lauderdale, Florida
- 4th Caribbean Conference on Comprehensive Disaster Management, December 7-11, 2009, Montego Bay, Jamaica

Outstanding Issues

Legislation

The Disaster Preparedness and Hazard Management Bill (2009) was developed in cooperation with the Legislative Drafting Department, and circulated to the National Hazard Management Committee and Executive. A document incorporating feedback to the bill was submitted to the Portfolio for Internal and External Affairs (which has oversight responsibility for HMCI), for submission to Cabinet.

Website

HMCI’s website, www.caymanprepared.ky, needs a major redesign, as its present format is difficult to navigate. In addition, the site does not support video footage, and HMCI staff are not able to easily post important information.

The site, which is heavily used especially during emergencies, should be a major resource for citizens – especially schools – on hazard information. The Computer Services Department has been engaged to facilitate the website’s redesign.

⁴ DISASTER MANAGEMENT CAPACITY ASSESSMENT REPORT CAYMAN ISLANDS June 2010, Virginia Clerveaux, PhD, The Overseas Countries and Territories Regional Risk Reduction Initiative (R3I)

NEOC Building

The design is complete, and the project has been submitted for approval to the Planning Department. The building is designed to accommodate the National Emergency Operations Center (NEOC), HMCI offices, the National Weather Service, 911/Emergency Communications, and the Office of Telecommunications.

Because of the current economic climate, the project is on hold. It is expected that it will be financed, and that construction would commence, in the near future.

Appendix A

2009/2010 Budget

Account		Budget Amount \$	Budget 08/09	% Increase/ Decrease
Personnel Costs				
Salaries & Allowances				
50011	Basic Salary	\$ 564,888	\$ 530,000	7%
50013	Overtime		\$ 6,000	-100%
50015	Salaries and Wages Review		\$ 23,004	-100%
50018	Temporary Relief	\$ 6,000		100%
50029	Acting Allowance	\$ 2,000	\$ 2,400	-17%
50066	Freight - Personal	\$ 6,000	\$	100%
50071	Recruitment	\$ 5,000	\$ 1,048	377%
50072	Employee Health care	\$ 77,136	\$ 65,100	18%
Sub Total		\$ 661,024	\$ 627,553	5%
Employee & Employer Pension Contributions				
50080	Government Pension Contribution	\$ 33,893	\$ 34,328	-1%
50082	Pension Contribution - PPE Employ	\$ 33,893	\$ 34,328	-1%
Sub Total		\$ 67,787	\$ 68,656	-1%
TOTAL Personal Cost		\$ 728,811	\$ 696,209	5%
Operating Expense				
Travel and Subsistence				
50224	Official Travel - Expense	\$ 10,000	\$ 9,500	5%
50229	Training	\$ 9,000	\$ 9,500	-5%
50256	Visiting Specialist/Other Expertise		\$ (34,000)	-100%
Sub Total		\$ 19,000	\$ (15,000)	227%
Supplies & Materials				
50602	Food / Dietary Supplies	\$ 10,000	\$ 2,400	317%

50961	Vehicle Fuel and Oil	\$ 3,000	\$ -	100%
50962	Computer and Communications Supplies	\$ 1,200	\$ 1,200	0%
50964	Paper and Printing Consumables	\$ 1,200	\$ 1,200	0%
51001	Office Supplies - Consumables	\$ 2,369	\$ 1,200	97%
Sub Total		\$ 17,769	\$ 6,000	196%
Utilities				
51405	Electricity	\$ 16,555	\$ 11,568	43%
51420	Water	\$ 2,580	\$ 144	1692%
51430	Telephone Charges	\$ 21,469	\$ 17,745	21%
51470	Cable Television	\$ 1,068	\$ 983	9%
Sub Total		\$ 41,672	\$ 30,440	37%
Maintenance				
54306	Janitorial Services	\$ 2,894	\$ 3,120	-7%
54320	Maintenance - Office Equipment	\$ 1,200		100%
54334	Maintenance - Vehicles and Equipment	\$ 2,642	\$ 1,200	120%
54351	Computer Software Maintenance	\$ 10,000	\$ 30,882	-68%
54352	Software Licensing Fees	\$ 40,800	\$ 36,207	13%
54361	Computer Hardware Maintenance	\$ 2,200		100%
54424	Vehicle Cleaning	\$ 423		100%
54457	Vehicle Licensing / Inspection	\$ 600	\$ 360	67%
57095	Miscellaneous Other		\$ 201	-100%
58501	Compensation		\$ 2,714	-100%
Sub Total		\$ 60,759	\$ 74,684	-19%
Service Fees				
54227	Bank Charges	\$ 300	\$ 300	0%
54256	Professional Fees	\$ 29,633	\$ 19,313	53%
54304	Mail Courier Service	\$ 800		100%
54433	Overseas Postage	\$ 200		100%
Sub Total		\$ 30,933	\$ 19,613	58%

Disaster Preparedness				
54308	Local Promotion / Community Sponsor	\$ 2,500	\$ -	100%
54211	Advertising	\$ 400	\$ -	100%
51075	Disaster Preparedness	\$ 60,000	\$ 60,000	0%
54401	Public Relations and Publicity	\$ 10,000	\$ -	100%
54418	Hurricane Disaster Preparedness	\$ 91,400	\$ 2,400	3708%
54935	Other Training	\$ 2,000	\$ -	100%
70035	Disaster Response			0%
Sub Total		\$ 166,300	\$ 62,400	167%
Reference Material				
57154	Radio/Other		\$ 30	-100%
57165	Extra-Curricular Supplies		\$ 1,502	-100%
Sub Total		\$ -	\$ 1,532	-100%
Insurance				
57278	Insurance - Liabilities		\$ 3,729	-100%
57281	Insurance - Vehicles	\$ 3,070	\$ 1,200	156%
Sub Total		\$ 3,070	\$ 4,929	-38%
Lease				
58001	Lease of Sites or Buildings	\$ 65,000	\$ 55,185	18%
Sub Total		\$ 65,000	\$ 55,185	18%
INTERDEPARTMENTAL EXPENSES-General				
AUD00100	Financial Attest Services	\$ 2,180	\$ 2,633	-17%
Sub Total		\$ 2,180	\$ 2,633	-17%
Supplies & Consumables Total		\$ 404,503	\$ 239,783	69%
Operating Cost		\$1,135,494	\$ 938,625	21%
Depreciation				
60001	Depreciation Buildings	\$ 1,398	\$ -	100%
60004	Depreciation Other Infrastructure assets	\$ 56,392	\$ -	100%
60005	Depreciation Vehicles	\$ 25,773	\$ 18,000	43%

60008	Depreciation Furniture & Fittings	\$ 231	\$ -	100%
60009	Depreciation Computer Hardware	\$ 29,557	\$ 13,398	121%
60011	Depreciation Office Equipment	\$ 4,727	\$ -	100%
60012	Depreciation Other Plant & equipment	\$ 12,098	\$ -	100%
60013	Depreciation Other Assets	\$ 99,357	\$ -	100%
Sub Total		\$ 229,533	\$ 31,398	631%
64001	Capital Charge Expense		\$ 35,359	-100%
Sub Total		\$ -	\$ 35,359	-100%
Total Expenses		\$ 1,365,027	\$ 1,005,382	36%

