



Business Plan 2007 – Division of Environmental Health - Florida Department of Health

Mission: “Promote and Protect Health”

Vision: “Healthier Floridians”

Goal: Plan for, respond, exercise and communicate during events with environmental public health impacts

Division of Environmental Health Administration – Office of Preparedness

Trends and Conditions:

The events of September 11, 2001, and an anthrax attack shortly afterwards within the state, brought attention to vulnerabilities related to terrorism. Subsequently, the state and the department embarked on an “all hazards” disaster preparedness effort that has enhanced readiness and expanded the state’s capabilities to respond to natural or man-made disasters. It is recognized that responding to disasters requires a collaborative effort between various levels of government and civil authorities. Planning, coordination, and resources are the essential ingredients to the successful “all hazards” readiness of the Division of Environmental Health. The State of Florida has developed a Domestic Security Task Force and Regional Domestic Security Task Forces to push preparedness to a local level initiatives to all levels. Specifically within the Department of Health, an infrastructure has been created to ensure department efforts and money expenditures are coordinated to align with strategic goals and federal mandates. Working in partnership with the Division of Emergency Medical Operations and funded partially through both the CDC Bioterrorism Preparedness and Response Cooperative Agreement 2002-2003 and the Office of Domestic Preparedness within the Department of Health and Human Services, the Division of Environmental Health’s Preparedness Program was initiated in Fall 2002. Within the Division of Environmental Health, a Preparedness Coordinator ensures inter- and intra-agency coordination for preparedness issues related to environmental health, aligns bureau preparedness programs to the bioterrorism cooperative agreement’s critical capacities, the department’s overall preparedness strategic plan and other homeland security programs. Over the past year, Florida has recognized the importance of an integrated public-health system for “all hazards” planning and response.

Division Cost: \$1,512,393 (Grant funding); **\$70,000** (GR allocation)

Division Positions: 1 FTE, 3 grant funded contractual. 2 cross-cut grant funded positions (a) food & waterborne disease coordinator, and (b) medical/veterinary environmental epidemiologist

County Program Cost: *

County Positions: *

* County staffing and costs are not tracked at a statewide level

The hurricane season of 2006 was thankfully less intense than early national hurricane models which predicted – nine named storms, two hurricanes and no major storms impacted Florida’s shores. In preparation for the season, strike team kit materials, katadyne water tablets and DEET stores were positioned in staging areas across the state, strike team training was made available with all the DSTF regions appointing an Environmental Health regional strike team leader and gathering team representation, sharepoint emergency information was updated including efficient tools for downloading county specific facility information and GIS related materials for pre-event preparation, central office staff were trained for preparing their program’s and their families for potential seasonal events, and central office staff coordinated efforts with the Department’s Office of Emergency Operations. After a second year of increased hurricane activity in the state, Florida is all too familiar with storm response roles and responsibilities and may be emerging as a model for Environmental Health preparedness issues in the nation. The Division of Environmental Health preparedness program (EH/PHP) is often noted as a key and integral component of the state’s preparedness and response capabilities. Again this year, while responding to Arlene, Dennis, Katrina, Rita and Wilma, . Personnel deployed both in the field and at local or state offices worked extremely long hours, gave continuously of themselves and showed exemplary dedication to environmental health response issues.



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Throughout season, the Environmental Health staff across every county exemplified excellence and service to the citizens of the state as well as neighboring jurisdictions. SBut still, much needs to be done to address areas of vulnerability in the all hazards preparedness framework and the Division of Environmental Health will be actively engaged in ensuring our professional capacity is the best available in the case of an emergency. During the fall of 2006, early portion of 2005, on the request of our CDC National Centers for Environmental Health counterparts, we collaborated with and implemented the first state pilot of the Environmental Health Training in Emergency Response. This training will be the foundation for Environmental Health strike team training and facilitated in other DSTF regions throughout the next year. EH/PHP successfully coordinated resources and projected needs through the Threat Analysis Situation Unit which is a state level mitigation analysis tool lead by the Office of Emergency Operations. As a result of the seasons experience, EH/PHP revisited Environmental Health division emergency plans and implemented a complete review of Environmental Health programs to assure the plans are operational and to identify the organizations and resources required to execute the four functional mission areas of prevent, prepare, respond, recover.

Although small but significant amounts of funding is committed through the state's general revenue and the Department of Homeland Security's Office of Domestic Preparedness, the primary funding for the activities within EH/PHP is awarded through the CDC's Cooperative Agreement Guidance for Public Health Emergency Preparedness (the grant). All EH/PHP projects are directly linked to the Department of Health's Public Health Preparedness Strategic Plan, the grant's critical tasks, and to the federal mandate from the National Preparedness Goals (Goal). The Goal is the response to Homeland Security Presidential Directive-8 issued in December 2003, which calls for "an all-hazards National Preparedness Goal that establishes measurable priorities, targets, and a common approach to developing needed preparedness capabilities. The Goal is achieved across four mission areas (prevent, protect, respond, recover) by strengthening target capabilities that support continuous infrastructure protection and operations in major events. This capabilities approach is mandated through DOH's Division of Emergency Medical Operations and embraced by our EH/PHP. Over the past year, our EH/PHP has worked to integrate and align preparedness programs and objectives into this common preparedness framework. Environmental Health target capabilities are focused on state and local preparedness outcomes and will be a continuous effort for the EH/PHP team at the state and local levels over the ensuing years.

Even the best plans and preparedness, cannot cover all the unexpected and unforeseen conditions that arise during disasters. However, impacts are best mitigated by the process of excellent planning, exercises to reintroduce the culture of preparedness to our environmental health professionals, and by response systems that are supported by up-to-date technology, training, and exercises. The Division of Environmental Health is dedicated to excellence and readiness in environmental health preparedness.

our Preparedness Program developed a full-day, training for environmental health response, compliant with the National Incident Management System, and subsequently trained over 700 public health professionals across the state. As leaders in the department community, the Division's central office held the first successful exercise for continuity of operations (COOP), developed in coordination with our emergency management partners, an environmental health coordination team framework outlining roles and responsibilities during ESF8 activations, and worked with our county health department partners to define and type our assets within the incident command framework. Response to the myriad of storms across the southern gulf states again directly impacted almost every county in Florida, as well as indirectly as activations for Katrina pulled staff from a



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number of already affected Florida counties. The Division of Environmental Health (EH) assisted both at headquarters and in the area of operations by providing resources, expertise and personnel for all events of the season: Arlene, Dennis, Katrina, Rita and Wilma. Since each community and storm affect was unique, the EH approach partnered versatility, leadership, expertise and creativity to provide much needed support to all jurisdictions who requested assistance. Even the best plans and preparedness, cannot cover all the unexpected and unforeseen conditions that arise during disasters. However, impacts are best mitigated by excellent planning, and by response systems that are supported by up-to-date technology, training, and exercises. Post disaster lessons learned are opportunities for change and reveal aspects of emergency preparedness that need to be taken seriously and corrected.

DEH lead daily conference calls to network the counties' EH resources together and inadvertently, counties who participated on calls early in the season were educated and informed on response roles and capacities when one of the subsequent storms crossed their path. Environmental Health Strike teams typed, were lead by a team leader and coordinated through an environmental health incident command liaison in the field. This process worked very well and was refined as each storm passed across the state. Personnel deployed both in the field and at local or state offices worked extremely long hours, gave continuously of themselves and showed exemplary dedication to environmental health response issues.

There is no question that the 2005 hurricane season left in its wake an enormous amount of problems and human needs that are still being addressed. Projections for upcoming seasonal increased activity shows similar storm patterns and numbers. Our programs and environmental health professionals are exercising, training and developing plans built on the lessons learned over the past year. Through 2005, environmental health rapidly mobilized, adapted and continued to raise the bar and provide assistance to the extraordinary demands engendered by a second year exhibiting a most unnatural confluence of natural disasters.

Short Term Objectives

By January 1, 20062008:

- Despite recent cutbacks in program funding, secure even funding sources for environmental health program areas through multiple grant sources.
- Development of sustainable, utilitarian and measurable preparedness project plans plans (including training, exercises and evaluation).
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- Development and offering of Environmental Health Preparedness class tied to CDC competencies and NIMS prior to the 2005 hurricane season.
- Coordinate and monitor development of interactive, web-based environmental health preparedness database surveillance system (e.g., ReHost) PhoEHnix.
- DOH intranet/sharepoint and internet website updated with applicable information and useable preparedness tools for EH preparedness issues.
- Define and implement hazards and vulnerability programs at the state, regional and local levels.



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- Update of Interactive Bookshelf materials tied to instructional environmental health preparedness Breeze and Podcast preparedness related materials available for the public health workforce to define EH preparedness roles and responsibilities.
- Align Environmental Health programs and goals with NIMS competencies and indicators.
- Align, integrate and define measurable and achievable outcomes for Environmental Health target capabilities.
- Establish memorandums of understanding and vetted guidelines for incident response with statewide environmental health stakeholders.
- Initiate CDC's Project Public Health Ready Environmental Health initiatives throughout the state.

Long Term Objectives

By January 1, 2007-2009:

- Provide a sustainable and accessible Environmental Health Preparedness curricula, certified by NIMS and NEHA, to the Environmental Health community.
- Coordinate and develop an environmental health preparedness workforce which is certified, credentialed and typed according to NIMS criteria and prepared for an all hazards response.
- Maintain and improve web-based statewide environmental health preparedness curricula, outreach and resources.
- Continue to present Florida Environmental Health Preparedness data/case studies at state and national conferences (e.g. NEHA, CSTE, etc.)
- Establish memorandums of understanding and vetted guidelines for incident response with statewide environmental health stakeholders.
- Establish Environmental Health Preparedness as an integral, early and active player in the emergency response community, locally, regionally and nationally.

By January 1, 2008-2010:

- Establish an accepted culture of environmental health preparedness for all environmental health practitioners.
- Collaboration with university partners and NEHA to establish Environmental Health curriculum with the interdisciplinary focus and a major in environmental health preparedness. Establish community-wide acceptance, awareness and understanding of environmental health preparedness at the local community level to establish environmental health resiliency for potential disaster impacts.



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Measure #1: Secure level funding for preparedness projects within the Division.

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness C- Every Position Ensure that State health departments establish training, plans, and protocols and conduct annual multi-institutional exercises to prepare for response to natural and technological disasters.	Target, apply and garner environmental health preparedness grant opportunities	Secure funding for preparedness projects for the Division	Heather Lake	December 2006/2007	Ongoing
Improve the quality, utility, awareness, and use of existing information systems for environmental health.	Completion of EH projects stated within the CDC Bioterrorism Cooperative Agreement (including supplemental Pan Flu criteria)	<ol style="list-style-type: none"> \$1,175,627 756,000 secured and spent by August 2006/2007 Initiate two new contractual grant funded positions for EH statewide coordinators Quarterly and annual updates completed Monitor grant project implementation to assure grant alignment 	Heather Lake	August 2006/2007	<ol style="list-style-type: none"> .25 35 encumbered Preparation of monthly accounting and workplan reports on schedule Ongoing
	Monitoring Office of Domestic Preparedness funding opportunities	<ol style="list-style-type: none"> \$299,654,740,000 secured and spent by No/December 2005/2007 	Heather Lake Bill Passetti John Williamson Janet Cooksey	November/December 2006/2007	<ol style="list-style-type: none"> Completed utilization of funds allotted from 2004 cycle Planning established for 2005 cycle



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		<ul style="list-style-type: none"> 2.\$340,364 secured and spent by November 2005 3.2. Ongoing monitoring and placeholder 3. Participation in next years grant funding cycle. 			<ul style="list-style-type: none"> 3. Placeholder established for 2006 cycle 4. Monitoring grant deadlines and progress reports 5. Ongoing
	Monitoring, promoting and collaborating on Hazardous Environmental Exposures and Substances grant from ATSDR	<ul style="list-style-type: none"> 1. Successful completion of progress reports and program objectives 2. Completion of continuation funding 	Heather Lake Alan Becker(position TBD)	December 20062007	<ul style="list-style-type: none"> 1. Initial Objectives and progress reports submitted on schedule. 2. Ongoing
	Monitoring, partnering, collaborating and lobbying promoting environmental health preparedness projects with the Domestic Security Task Force, State Working Group and other preparedness grant related activities and partners	2.3. Attendance and collaboration at statewide and regional meetings	Heather Lake	December 20062007	Ongoing
	Publish Environmental Health preparedness office projects and initiatives, aligned with critical capacities and strategic goals on DOH sharepoint	<ul style="list-style-type: none"> 1. Enhanced and updated sharepoint postings with Environmental Health preparedness initiatives and contingency planning 2. Action item task list for preparedness activities 3. Hurricane season preparation updates 	Heather Lake	June 20062007	<ul style="list-style-type: none"> 1. SP EH emergency response site/ PHP action item draft completed 2.Strike Team partnership SP completed 3.2. Ongoing



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Measure #2: Align Division preparedness plans and preparedness projects to Department Preparedness plan

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8-6	Ensure that State health departments establish training, plans, and protocols and conduct annual multi-institutional exercises to prepare for response to natural and technological disasters.	<i>Customer and Market Focus</i> Assess and align Environmental Health preparedness initiatives with the Department Preparedness Strategic Plan	Full Division and Departmental awareness of Division goals and progress of Department Preparedness activities.	Heather Lake	On-going	1. updates provided at chiefs meetings 2. updates provided at fall CHD director's meetings 3. ongoing
		Prepare, publish and distribute Environmental Health hurricane season preparedness plans, tools, and processes	Sharepoint hurricane materials published live: 1. EH Tools / program area 2. EH Resources 3. EH Contact numbers 4. EH priorities in response 5. EH mapping tools up to date	Heather Lake	June 2006 August 2006 December 2006	1. materials updated and developed into curriculum 2. 700 EH responders trained pre-2005 season 3. update of materials provided on key chain drive to EH Directors 4. updated materials available and distributed during 2005 season 5. ongoing
		Monitor, plan, assess, evaluate Environmental Health preparedness incidents as they occur	1. Incident dependent reports and hotwash 2. Coordinate and develop response guidelines with ACHA 3. Establish EH Toolkit 4. Refine EHCC procedures and disseminate 5. Provide guidance for EH personnel in SNS shelters 6. Coordinate and develop	Heather Lake	December 2006	1. Successfully responded to 2005 hurricanes: Arlene, Dennis, Katrina, Rita, and Wilma 2. 2004 hotwash action items complete 3. 2005 hotwash action items identified 4. Ongoing



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			<p>response/recovery guidelines with DFO for onsite</p> <p>7. Establish SE Regional EH Preparedness Conference</p> <p>8. Educate and train on new EMAC and other emergency/incident procedures</p> <p>9. Initiate certification and typing of water sources and labs</p> <p>10. Develop and disseminate EH JIT training</p> <p>11. Provide credentialing identifiers for deployed staff</p> <p>12. Initiate recognition process and incentive program for EH responding personnel</p>			
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Measure #32: Align Division preparedness resources and projects to DHS Target Capabilities, CDC’s Environmental Health Preparedness competencies and NIMS and federal National Preparedness Goals

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Ensure that State health departments establish training, plans, and protocols and conduct annual multi-institutional exercises to prepare	<i>CCustomer and Market Focus</i> Communicate, collaborate, align and assess Environmental Health preparedness strategies and initiatives	1. Curriculum development, documentation of projects and tracking personnel competencies according to Core Competencies and NIMS for	Heather Lake	March/June 2007 August 2007 August 2008 June 2006 December 2006	<ol style="list-style-type: none"> 1. Train internal staff in NIMS and track both ICS and NIMS compliance 2. Train two trainers within the division to sustain compliance with NIMS and ICS 3. Initiate NIMS/ICS training



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<p>for response to natural and technological disasters. Preparedness B – Tipping Point</p>	<p>with the EH preparedness competencies, target capabilities, and NIMS to achieve EH professional preparedness readiness <i>customer and Market Focus</i> Assess and align Environmental Health preparedness initiatives with the CDC's Environmental Health Preparedness core competencies and NIMS structure</p>	<p>preparedness. Initial assessment of preparedness within EH statewide completed by DEMO 2. Utilize data as benchmark for progress 3. Obtain measurable tool 4. Review and implement</p>			<p>program for supervisors, managers and EH personnel 4. Initiate changes in position descriptions for NIMS and ICS training</p>
	<p>Monitor, collaborate and attend statewide DSTF conferences for environmental health preparedness</p>	<p>1. Participation on statewide advisory committees and other working groups 2. Review of materials and plans as provided</p>	<p>Heather Lake</p>	<p>March 2006-2007 December 2006-2007</p>	<p>1. Represented EH issues at statewide strategic planning conferences 2. Ongoing</p>
	<p>Develop tools and templates for CHDs to utilize for Environmental Health Project Public Health Ready</p>	<p>Tools and templates developed and online</p>	<p>Heather Lake Mitch Stripling Shannon Hughes</p>	<p>December 2006-March 2008</p>	<p>1. Preliminary research and national contacts initiated 2. Ongoing</p>
	<p>Monitor, collaborate and integrate Division of Environmental Health preparedness programs with state DSTF preparedness goals. Develop Environmental Health preparedness curriculum and partner with universities to establish</p>	<p>1. Bureau of Radiation Control preparedness crosswalk 2. Preparedness Plans crosswalk 3. Preparedness training crosswalk 4. GIS / HVA crosswalk 5. Avian flu 6. Pan flu 7. Foodborne Illness &</p>	<p>Heather Lake Heather Lake</p>	<p>August 2007 December 2007 August 2008-December 2006</p>	<p>1. Ongoing Pending</p>



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	EH preparedness discipline within the sciences	agroterrorism crosswalk 8. Arbo virus and vector control 9. HSEES Program 10. Water safety and security 11. General hazards response SOPs: mercury, onsite nuisance spills, beach water quality, etc. 1. Collaboration with UCF and the Florida Center for Public Health Preparedness 2. Initiate Interdisciplinary Graduate Readiness Training grant process			
	Collaborate with CDC and DHS to review applicability of Environmental Health TCs to state strategies	Work group collaboration with CDC	Heather Lake Jennifer Williams Melanie Black	March 2008	1.1. Initial review completed 2. Ongoing

Measure #43: Complete 100% Environmental Health's CDC Bioterrorism Cooperative Agreement project goals and critical capacities

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness C-Every Position	<i>Customer and Market Focus</i> Communicate, collaborate, align and assess Environmental Health preparedness initiatives with the CDC's	Project development, project monitoring and integration of CDC critical tasks with the Division of Environmental Health strategic planning and	Heather Lake	March/June 2007 August 2007 August 2008	Ongoing



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	progress reports and monthly financial statements for Focus Area B	monthly financial reports submitted		August 30, 2008 September 2006	
	4.Submission of CDC/BT progress reports	Progress reports completed on schedule.	Heather Lake	August 30, 2007 August 30, 2008 September 2006	3.1. December report completed 4.2. Ongoing
	5.Submission of redirect funds as necessary	Redirects completed on schedule.	Heather Lake	August 30, 2007 August 30, 2008 September 2006	5.1. December redirect completed and approved 6.2. Ongoing
	Monitor and measure progress of CDC critical tasks and target capabilities at the Division level	1.Outline measurable system 2.Measurable process on sharepoint 3.Upkeep 4.Communication of process to stakeholders internal and external	Heather Lake	March/June 2007 August 2007 August 2008	Initiated and ongoing.
	6.Monitoring and guidance as necessitated for contracts paid for under the CDC bioterrorism agreement Integration of Environmental Health program areas with Poison Control Data Centers	100% of deliverables met in contract amendment in time periods stated 7.100% of deliverables met in contract amendment 8.Environmental Health personnel trained in utilizing data sources from PCC	Heather Lake William Reinhold Janet Cooksey Carina Blackmore Heather Lake	August 30, 2007 August 30, 2008 September 2005	1. Contracts established and successful completion of deliverables met 2. Ongoing 7.Personnel trained spring 2005 8.Utilization of PCDC during storm response successful 9.Establishment of Division project lead: A. Reich 10.Establishment of Division CO monitoring lead and CO incident response lead: in process 11.Ongoing

Measure #54: Enhance visibility, implementation and distribution of environmental health preparedness tools, plans, educational, training and awareness materials to public health professionals statewide



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Preparedness C-Every Position 23-14 Increase the proportion of Tribal, State, and local health agencies that provide or assure comprehensive epidemiology services to support essential public health services.	<i>Customer and Market Focus</i> Increase the avenues of participation and awareness of Environmental Health preparedness in CHD, regional, state and inter-state networks.	Environmental Health preparedness as a key component on in plans, training, strategic goals, preparedness initiatives and activations. any education curriculum, conference panel, presentation or meeting organizer.	Heather Lake	December 2006 2007 June 2008	Key participant to statewide preparedness initiatives, meetings and decisions. Keeping abreast of current initiatives and focusing on all that have potential impact on Environmental Health preparedness
	Notify CHDs, DSTF regions and stakeholders of scheduled trainings, updates, materials and conferences	Announced on the division preparedness sharepoint website and on the web when appropriate.	Heather Lake Melanie Black Mitch Stripling Jennifer Williams Carina Blackmore John Williamson Tracy Wade Heather Lake	December 2007 June 2008 June 2006	3.1. Trainings and meetings updated and tracked via email and sharepoint 2. Ongoing
	Offer, collaborate, author and support inter-regional training and education	Deployment of Crosswalk with: 1. Regional nuclear incident response guidelines and training for CHDs 2. Regional chemical response guidelines and training for CHDs 3. ICS/NIMS for EH 4. Strike Team and Typing for RDSTF 5. EH Preparedness online modules / CEUs 6. Just in Time training 7.1. Online	Heather Lake Melanie Black Mitch Stripling Jennifer Williams Carina Blackmore John Williamson Tracy Wade Heather Lake Mitch Stripling Tracy Wade Alan Becker	J December 2007 June 2008 June 2006 August 2006 December 2006	1. Radiation guidelines draft 2. Chemical guidelines draft 3. Ongoing projects



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	<p>"bookshelf" redevelopment Preparedness Training</p> <ol style="list-style-type: none"> 2. Preparedness Plans 3. HVA / GIS 4. Avian and Pan Flu 5. Foodborne Illness and Agro terrorism 6. Chem/Tox/HSEES 7. Bureau of Radiation Control 8. Bureau of Water 9. Bureau of Onsite Sewage 			
<p>Communicate and establish awareness-level content that communicates EH preparedness roles and responsibilities to all partners</p>	<p>Crosswalk with:</p> <ol style="list-style-type: none"> 1. Preparedness Training 2. Preparedness Plans 3. HVA / GIS 4. Avian and Pan Flu 5. Foodborne Illness and Agro terrorism 6. Chem/Tox/HSEES 7. Bureau of Radiation Control 8. Bureau of Water 9. Bureau of Onsite Sewage 	<p>Heather Lake Melanie Black Mitch Stripling Jennifer Williams Carina Blackmore John Williamson Tracy Wade</p>	<p>December 2007 June 2008</p>	<p>Ongoing projects</p>
<p>Present at preparedness conferences and meetings</p>	<p>Presentations completed</p>	<p>Heather Lake Melanie Black Mitch Stripling Jennifer Williams Carina Blackmore John Williamson Tracy Wade Heather</p>	<p>December 2007 June 2008 June 2006 December 2006</p>	<ol style="list-style-type: none"> 1. Presented at NEHA 2005 2. Presented at CSTE 2005 3. Presented at spring statewide Epi seminar 2005 4. Fall CHD directors meeting presentations 2005 5. Ongoing



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Measure #65: Implement preparedness training initiatives to bring 80% of all Environmental Health staff statewide up to their proper response credential by December 2007.

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness C- Every Position	<i>Give live trainings to EH staff around the state tied to proposed credentialing structure</i>	Coordinate 7 regional EH Trainings in Emergency Response (Tied to proposed Type 3)	Mitch Stripling	August 2007	Development complete; Training approved; One given; Trainer guide underway; Scheduling other six
		Coordinate 7 regional EH Preparedness Day Trainings (as needed) (Tied to proposed Type 4)	Mitch Stripling	August 2007	Development complete; Training approved; One given; Trainer guide underway; Currently scheduling
		Conduct specialized training in HQ roles and responsibilities for 90% OF HQ employees	Mitch Stripling Melanie Black	May 2007	Holding until DEMO planning finalized.
Preparedness A- Community Integration	Ensure that strike teams have the proper knowledge and experience to work in communities during deployments	Coordinate 7 regional EH Strike Team Field Drill Exercises	Mitch Stripling	June 2007	Development underway based on Region 3's event last year; Currently scheduling
Preparedness B – Tipping Point	Create a self-sustaining set of curricula tied to national and state guidance for credentialing	Create Trainer guides for all trainings	Mitch Stripling	March 2007	Deep underway



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		Create a Strike Team Leadership training Curriculum; (Tied to a proposed Type 2 hopefully in partnership with national agency or organization)	Mitch Stripling	December 2007	Not yet begun
		Create, review, implement and communicate EH Preparedness equivalencies to EH professionals	Mitch Stripling	December 2007	Not yet begun
	Design, communicate, document and implement EH Preparedness training guideline for EH professionals across the state and at central office	Crosswalk with: 1. Preparedness Plans 2. HVA / GIS 3. Avian and Pan Flu 4. Foodborne Illness and Agro terrorism 5. Chem/Tox/HSEES 6. Bureau of Radiation Control 7. Bureau of Water 8. Bureau of Onsite Sewage Document and assure recurring monitoring of actual achievement	Mitch Stripling	December 2007 June 2008	Ongoing
	Collaborate, design, communicate, document and implement measurable, recurring, and evaluative exercises for EH programs – crosswalk with EH Preparedness Planning	Crosswalk with: 1. Preparedness Plans 2. HVA / GIS 3. Avian and Pan Flu 4. Foodborne Illness and Agro terrorism 5. Chem/Tox/HSEES 6. Bureau of Radiation Control 7. Bureau of Water	Mitch Stripling	December 2007	Not yet begun



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		8. Bureau of Onsite Sewage			
Preparedness A – Community Consciousness	Communicate awareness-level EH preparedness roles and responsibilities to EH professionals statewide and to all partners	1,000 responders take and pass the EH Online Preparedness Orientation	Mitch Stripling	December 2007	Training completed, marketing can begin as soon as approval complete.
		Create 12 podcasts, one per month, that celebrate EH roles and partnerships	Mitch Stripling	March 2008	One created; transcription service engaged.
		Create an EH Response Leadership training Curriculum (Tied to a proposed Type 1; hopefully in partnership with national agency or organization)	Mitch Stripling	December 2008	Not yet begun

Measure #7: Increase awareness of Environmental Health’s response role to all partners

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness A – Community Consciousness	<i>To create awareness-level content that markets our role to all partners</i>	1,000 responders take and pass the EH Online Preparedness Orientation	Mitch Stripling	December 2007	Training completed, marketing can begin as soon as approval complete.



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		Create 12 podcasts, one per month, that celebrate EH roles and partnerships	Mitch Stripling	March 2008	One created; transcription service engaged.
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Measure #86: Ensure that Public Health Hazard & Vulnerability (PH HVA) resources are coordinated and available locally and regionally

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness A – Community Consciousness	<i>To promote public health mitigation and prevention strategies for preparedness based upon the foundation of data analysis and integration.</i>	7 Trained regions in awareness level HVA integration and process.	Jennifer Williams	December 2007	State based work plan established and reviewed
Public Health Hazard & Vulnerability Assessment	Gap and capability analysis of counties in FL. Gap and capability analysis of counties in FL.	Survey counties for capabilities and interest – collaborate and implement requests for assistance for HVSSurvey counties for capabilities and interest. This survey will be sent to CHD EH Directors to assess capabilities and needs relating to HVA.	Jennifer Williams Jennifer Williams	March 2007 March 2007	Survey drafted1. Survey drafted
	Incorporate data from OEO into PH HVA	Gather/access county profiles from OEO to use for HVA and preseason hurricane preparation	Jennifer Williams	June 2007	Request established and waiting for response.
	Develop accessible HVA data analysis tool for state, local and regional implementation. Develop tool consisting of GIS	Develop tool consisting of GIS capabilities to identify community specific hazards and vulnerabilities for	Jennifer Williams	June 2007	Data sets identified for inclusion. Access to 20% of data obtained.



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	capabilities to identify community specific hazards and vulnerabilities for preparedness planning resources to protect the public's health.	<p>preparedness planning resources to protect the public's health:</p> <ol style="list-style-type: none"> 1. Populate ArcCatalog with data sets/metadata 2. Create map templates as examples 3. Develop guidance document for counties 4. Obtain guidance from CDC (white paper, data sets, etc) 5. Prepare phased project workplan outline. 6. Implementation of delineated phases upon approvals. 			
Preparedness A-Community Integration	Ensure data availability	Develop mutual Aid Agreements on sharing data (DCA, DEP, AHCA) to ensure the future availability of data from various sources.	Jennifer Williams	July 2007	Data sets identified.
	Marketing PH HVA Program	<ol style="list-style-type: none"> 1. Develop power point to describe HVA purpose and plan 2. Use power point to produce breeze presentation for internet 3. Develop narrative for podcast on HVA 4. Present HVA ppt at various state and national meetings (FEHA, NEHA, RDSTF mtgs, etc) 	Jennifer Williams	April 2007	Power point on PH HVA presented at EH Director's meeting. Poster developed and printed.



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	Threat Assessment	<p>Collaborate, prepare and implement threat analysis system in coordination with FL DOH office of emergency operations.</p> <p>Coordinate and implement threat assessment tools, integrated with HVA theory and practice, during emergency response</p>	Jennifer Williams	December 2007	<p>Materials prepared; ongoing implementation phase; procedures under review.</p> <p>As activated.</p>
Preparedness A-Community Integration	Assist counties with PH HVA process.	<p>Schedule workshops/training on application for counties. These workshops will be held regionally and/or with counties preparing to start HVA process.</p> <p>Provide white paper of resources available pre-season to EH Directors.</p> <p>As requested through regional HVA lead, assist counties and regions with HVA implementation</p>	Jennifer Williams	August 2007	Initial awareness and education presentations and poster completed at preparedness related statewide meetings.
DEMO HVA Work Group	<p>Assessment of chemical antidotes for EMS responders and its effectiveness in protecting public health of Florida</p> <p>Purpose: To identify and</p>	This assessment will include the measurement of the efficacy of chemical antidotes, PPE, training for EMS responders and the	Jennifer Williams	April 2007	Working Group has been meeting weekly to develop process for assessing efficacy. An outline has been drafted and currently researching issue.



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	analyze data to measure the efficacy of chemical antidotes for protecting EMS responders during an emergency and its capacity to assist in the responders role to protect public health/patient care.	practice of decontamination. THE HVA working group will use a PH HVA Process methodology to support public health planners with the prioritization of PH preparedness resource allocation.			
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Measure #9: Ensure that Florida Department of Health Emergency Notification System (FDENS) is operational for Division of Environmental Health

FDENS	Provide tool to send alerts and notifications to DEH staff.	Florida Dept of Health Emergency Notification System is a new tool developed in 2006 designed to alert staff by phone, fax and email in the case of emergency. it can also be used in place of call down tree. The immediate goal is to have DEH staff registered and profiles completed and then test the system for effectiveness	Jennifer Williams	June 2007	All of the bureaus except Radiation have been sent requests to log onto FDENS. Waiting on list from readiation. Have held training of bureau chiefs, Dr. Conti, Dr. Blackmore and preparedness staff on sending alerts.
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Measure #10: Provide Tools for DOH EH Professionals for use during emergencies.

FL EH Disaster Guide	Develop EH Disaster Guide to be mass produced and distributed to EH Professionals in Florida.	A disaster guide for environmental health will be developed with subject matter expert input to be printed in handbook size for distribution to EH strike team members and chd	Jennifer Williams	August 2007	A site has been created to begin collecting and organizing information.
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		eh. This manual can also be placed on web to be indexed and searched electronically. Will also be included on ADEPT site for FL plans.			
EH Strike Team Kits	Provide EH Strike Teams with field gear during deployment.	12 EH Strike Team kits and 2 leader kits have been stocked with field gear and stored for deployment for upcoming hurricane season and/or emergency response. Kits include complete list of inventory, SOG and start up list.	Jennifer Williams	July 2007	Kits were inventoried, restocked and stored for deployment July 2006. Kit content needs to be reviewed for expired materials.

Measure #117 Align Division preparedness plans to Department of Health Preparedness Plan, Preparedness Strategic Plan, the National Preparedness Goals, National Response Plan, Target Capabilities Process, Universal Task Lists and National Planning Scenarios.: Align Division Emergency Operations Plan with Key Health and Medical Emergency Management Plans.

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness C-Every Position	Update and align Division of Environmental Health Emergency Response Plans with the state and federal key Public Health and Medical plans	Completed plan and annexes including exercise, evaluation and monitoring cycle documented	Melanie Black	May 2007	The emergency response plans and annexes are in draft form Ongoing
	Update and align Division of Environmental Health Emergency Response Plans with the DOH key Health and Medical plans	Complete plan and annexes	Melanie Black	May 2007	The emergency response plans and annexes are in draft form Ongoing
	Gap analysis and alignment of Division of Environmental Health	Quarterly review of preparedness and referenced strategic	Melanie Black	May 2007	Realignment of PHP strategic plan with target capabilities in progress



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	preparedness projects with the department strategic plan and target capabilities	<p>initiatives</p> <p>Crosswalk with:</p> <ol style="list-style-type: none"> 1. Preparedness Training 2. Preparedness Plans 3. HVA / GIS 4. Avian and Pan Flu 5. Foodborne Illness and Agro terrorism 6. Chem/Tox/HSEES 7. Bureau of Radiation Control 8. Bureau of Water 9. Bureau of Onsite Sewage 			Ongoing
Preparedness C-Every Position	Monitor, author and collaborate as requested with department emergency response plan development, including annexes and policies	<p>Division Ccompletion of:</p> <p>Radiation Annex Chemical Annex Vectorborne Annex Food and Waterborne Annex Aquatic Toxin Annex</p> <p>PHP Review Process Initiated, timeline submitted</p> <p>Review of other plan areas as completed.</p> <p>OtherIdentify other program area identified as needing response plans, operating procedures and//or guidelines</p>	Melanie Black	<p>June December 2007</p> <p>January 2008 – December 2008</p> <p>Semiannual review</p>	<p>DOH-EOP Plan Maintenance and Review Process in draft form. When finalized, this procedure will be incorporated into the DOH-EOP</p> <p>Radiation plan in review phase with National Regulatory Commission</p> <p>First draft of Vectorborne and Food and Waterborne Annex completed and ready for internal review</p> <p>Chemcial Annex currently being revised</p>



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					Ongoing
	Update and align Division of Environmental Health emergency contact protocols	Protocol currently being updated to include duty officer notification, after hours notification and participation with BOE in after hours on-call	Melanie Black	April 2007	Duty Officer notification in review Ongoing
Preparedness C-Every Position	Design, communicate for review, and implement EH Target Capability performance measures assessing completion of training, exercises, collaborative efforts and other capabilities	<ol style="list-style-type: none"> 1. Establish and design system 2. Communicate to internal review process 3. Design documenting procedures (electronic or on sharepoint) 4. Implement with review and evaluation cycle 	Melanie Black Heather Lake	December 2007 June 2008	Not initiated
	Update, communicate, train and exercise Environmental Health COOP	<p>Complete plan update in progress</p> <ol style="list-style-type: none"> 1. Exercise phone tree 2. Update functional directory 3. Update job action sheets 4. Provide training to staff 5. Exercise plan 6. Assemble Critical/Essential Go-Kits 7. Develop MOA with alternate facilities 	Melanie Black	March September 2007 February 2007	Ongoing Critical/Essential Go-Kits supplies purchased COOP Website developed Off site facility obtained for COOP supplies IT Go Kit assembled and stored off sight Critical data identified and backed-up Contact list updated monthly Three of four alternate facilities designated DEH Employee Information Line activated



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Measure #8: Provide Tools for DOH EH Professionals for use during emergencies: local, regional, state and interstate

Division Strategic Plan	Strategy	Benchmark	Responsible Party	Target Date (up to 18 months)	Status
Preparedness C-Every Position	<i>Customer and Market Focus</i> Assess and align Environmental Health preparedness initiatives with the Department Preparedness Strategic Plan	Full Division and Departmental awareness of Division goals and progress of Department Preparedness activities.	Heather Lake	On-going	<ol style="list-style-type: none"> updates provided at chiefs meetings updates provided at fall CHD director's meetings ongoing
	Prepare, publish and distribute Environmental Health hurricane season preparedness plans, tools, and processes	Sharepoint hurricane materials published live: <ol style="list-style-type: none"> EH Tools / program area EH Resources EH Contact numbers EH priorities in response EH mapping tools up to date Establish EH Hurricane Toolkit, including a printable version, on Sharepoint Provide guidance for EH personnel in SNS shelters Provide guidance for EH personnel in Pan Flu response and Avian Flu response Coordinate and develop response/recovery guidelines with DFO for 	Heather Lake	June 2007 December 2007	Ongoing



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		<p>OSTDS</p> <p>10. Disseminate EMAC awareness materials prior to hurricane season</p> <p>11. Initiate certification and typing of water sources and labs</p>			
Preparedness A-Community Integration	FL EH Disaster Guide	<p>Develop EH Disaster Guide to be mass produced and distributed to EH Professionals in Florida.</p> <p>1. Coordinate process for review and integration of material</p> <p>2. Define workgroup to review and approve</p> <p>3. Initiate review of documents and define outline.</p> <p>4. Research and define distribution method/process: web, print and electronic</p> <p>5. Implement inclusion in FL ADEPT website</p>	Jennifer Williams	August 2007	A site has been created to begin collecting and organizing information.
	EH Strike Team Kits	Provide EH Strike Teams and regional DSTF inventories with field gear prior to and during deployment.	Jennifer Williams	July 2007	12 EH Strike Team kits and 2 leader kits have been stocked with field gear and stored for deployment for upcoming hurricane season and/or emergency response. Kits include complete list of inventory, SOG and start up list.



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					Kits were inventoried, restocked and stored for deployment July 2006. Kit content needs to be reviewed for expired materials.
Preparedness A-Community Integration	Monitor, plan, assess, document and evaluate Environmental Health preparedness incidents as they occur	Crosswalk with: 1.Preparedness Plans – establish clear, concise and usable notification procedures for the Division of Environmental Health 2. Bureau of Radiation Control preparedness crosswalk 3. Preparedness Plans crosswalk 4. Preparedness training crosswalk 5. GIS / HVA crosswalk 6. Avian flu 7. Pan flu 8. Foodborne Illness & agroterrorism crosswalk 9. Arbo virus and vector control 10. HSEES Program 11. Water safety and security 12. General hazards response SOPs: mercury, onsite nuisance spills, beach water quality, etc.	Heather Lake	December 2007	Ongoing
	FDENS: Provide tool to send alerts and notifications to DEH staff.	Florida Dept of Health Emergency Notification System is a new tool developed in 2006	Jennifer Williams	June 2007	1. All of the bureaus except Radiation have been sent requests to log onto FDENS. Waiting on list



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		<p>designed to alert staff by phone, fax and email in the case of emergency. it can also be used in place of call down tree. The immediate goal is to have DEH staff registered and profiles completed and then test the system for effectiveness</p>			<p>from radiation. 2. Have held training of bureau chiefs, Dr. Conti, Dr. Blackmore and preparedness staff on sending alerts.</p>
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Measure #12: Align Division Emergency Operations Plan with National Response Plan, Target Capabilities Process, Universal Task Lists and National Planning Scenarios.

			Melanie Black	August 2007	<p>Realign Division Emergency Operation Plans and procedures to reflect plan with target capabilities in progress</p>