

DOC NOAA EMS Report #1

FY08 NOAA EMS data call summary

							2008 Facility EMS Annual Report Data (D	
Agency	SubAgency / Command	Facility	EMS Description	Inception Date	Implementation Date	EMS POC	EMS POC Email	
DOC	DOC/NOAA/NOS/NCCOS	NCCOS EMS	The National Centers for Coastal Ocean Science (NCCOS) organizational level includes 6 facilities in 4 states; includes partners and contractors.	On or before Jan 24 2007	12/31/2008	Bernard William Gottholm	b.william.gottholm@noaa.gov	
DOC	DOC/NOAA/NMAO	Marine and Aviation Operations, Marine Operations Center, Atlantic (MOC-A), Norfolk, VA	EMS developed for NOAA's Atlantic Marine Operations Center which provides an efficient management structure, and which reinforces effective environmental performance evaluations, individual accountability and continual improvement.	On or before Jan 24 2007	12/31/2008	James Schell	james.schell@noaa.gov	
DOC	DOC/NOAA/NMAO	Marine and Aviation Operations, Marine Operations Center, Pacific (MOC-P), Seattle, WA	EMS developed for NOAA's Pacific Marine Operations Center (MOC-P) which provides an efficient management structure, and which reinforces effective environmental performance evaluations, individual accountability and continual improvement.	On or before Jan 24 2007	12/31/2008	James Schell	james.schell@noaa.gov	
DOC	DOC/NOAA/NMFS	National Marine Fisheries Service, Northwest Science Center, Montlake Lab, Seattle, WA	The Northwest Fisheries Science Center seeks to better understand living marine resources and their ecosystems to assist resource managers in making sound decisions that build sustainable fisheries, recover endangered and threatened species, and sustain healthy coasts. The Montlake Laboratory is the largest of six NWFSC facilities which has 350 employees and contractors, laboratories, offices, and wet lab (fish rearing) operations. The NWFSC EMS program covers the Montlake Laboratory, though most of our environmental programs focus on facility and laboratory operations. The site encompasses approximately 5.3 acres in close proximity to a large body of water in the Seattle Union (Portage Bay).	On or before Jan 24 2007		Thea Smith	thea.smith@noaa.gov	

OC) - I. Facility/Organization EMS Information

Perf Track Recognition?	Other Recognition	Registered to ISO 14001?	Comments	Start Date	Target Date	Completion Date	Permits Held	Other Permits Held	No. Bldgs.
No	United States Department of Commerce/National Oceanic and Atmospheric Administration	No	Due to the geographic distribution of NCCOS's facilities and the wide range of science and research activities, the work that we do significantly interacts with the environment. Since December 2005, NCCOS has used EMS as the primary management approach for addressing environmental aspects of our internal agency operations and activities.	12/1/2004	12/31/2005	12/29/2005	HW-Generator(any)	Dept of Treasury Alcohol Permit; DEA Controlled substances Permit; Water Appropriation Permit; Radiation License	43
No	3-star Model Level rating from the Elizabeth River Project's River Stars program	No		1/10/2005	12/14/2005	12/14/2005	HW-Generator(any)		2
Yes		No		9/16/2002	5/18/2005	5/18/2005	HW-Generator(any)	fire department permits, boiler operating permits, and asbestos abatement permits	2
No		No	11/14/2008 - Third party audit October 27-28, 2008; implementing corrections to mitigate any critical failures (2 elements) to allow self-declaration on 12/17/2008.	8/1/2003	12/17/2008		HW-Generator(any)		9

Benefit of EMS on the Facility/Organization			2008 Facility EMS Annual Report Data (DOC) - III.b. EMS Effectiveness - Benefit of EMS									
Fac/Org Q9	Fac/Org Other	Other Rating	Environment Q1	Environment Q2	Environment Q3	Environment Q4	Environment Q5	Environment Q6	Environment Q7	Environment Q8	Environment Q9	Environment Q10
Quite a bit	Our EMS is used as tool in managing our environmental affairs and is integrated into all that we do.	A great deal	A great deal	Quite a bit	A great deal	A great deal	Quite a bit	A great deal	A great deal	A great deal	Quite a bit	A great deal
Quite a bit			Quite a bit	Quite a bit	A great deal	Quite a bit	Somewhat	A great deal	A great deal	Quite a bit	Somewhat	Somewhat
Quite a bit			Quite a bit	Quite a bit	A great deal	Quite a bit	Somewhat	A great deal	A great deal	A great deal	Quite a bit	Quite a bit
Quite a bit			A great deal	Does not apply	A great deal	Somewhat	Somewhat	A great deal	Quite a bit	A great deal	Quite a bit	A great deal

on Environment						
Environment Q11	Environment Q12	Environment Q13	Env. Other	Other Rating	Benefits / Successes	Best Practices
A great deal	A great deal	Quite a bit	100% of our FY08 IT Purchases met the EPEAT Silver and Gold tiers of environmental performance. Recalibration of sensors in a water cooling tower at one of our facilities resulted in a savings of 1.7 million gallons of water/year.	A great deal	*Development and introduction of a new publicly accessible NCCOS EMS website: http://coastalscience.noaa.gov/ems/ *Award of a comprehensive chemical and biological waste disposal contract to increase efficiency of NCCOS' environmental management practices and reduce costs. *Significant energy and water conservation across NCCOS resulting in reduced costs.	* EMS is promoted through continual improvement of recycling programs across NCCOS * Continued pursuit of conversion to bio-based fuels and lubricants * Continued review of new analytical technologies in order to increase efficiency in lab analysis resulting in reduced costs and a significant reduction in the use of solvents.
A little bit	Quite a bit	A little bit			Increased employee awareness	the use of SOPs
Somewhat	Quite a bit	Somewhat			Employee involvement and awareness of impacts	The developed of SOPs and management of the natural resources
Somewhat	Somewhat	Not at all			Increased awareness of staff regarding facility impacts. Substantiated management support for environmental projects. Joined the EPA Region 10 Federal Green Challenge!!	NWFSC formed a Green Team to implement new environmental management programs. The team meets monthly. The team works together to implement significant improvements to the management of waste generated onsite. The Energy Action team has been developing energy best practices to try to save 5% on our annual energy use. We have been able to keep our staff informed by posting Green Team meeting minutes on our intranet site. Having a member of our Outreach program on our Green Team has facilitated internal and external communication of our EMS. Having support by our Local EPA and other agencies through the Federal Green Challenge has opened up dialogue for reducing waste and energy (our two focus points for the year). We have also seen improved conversations about government wide processes and how we can impact them (do we really have to turn in vehicles at the end of the lease? why? can the surplus process be used more effectively to ensure that we manage our e-waste as environmentally friendly as possible?).

2008 Facility EMS Annual Report Data (DOC) - IV. 2008 EMS Experiences Feedback

Lessons Learned	Challenges	Agency Mission Benefits
<p>* Recognize that the success of the EMS is and will always continue to be dependent on the active contribution and commitment of management, the individuals within the organization, the EMS Teams, and the organization's partners. * Recognize that it is important that training and information be available to accommodate all staff and communicated in various formats (on-line through the website, through email, and through personal contact, etc). * Recognize that annual internal audits are a useful tool used to provide information to management about the EMS in order to identify opportunities for improvement and to identify any deficiencies to be corrected.</p>	<p>* Implementing and continuing to sustain and improve an EMS program has admittedly expended precious time and resources, especially during this time of declining budgets, but it is important to make the point that not only are we decreasing our environmental footprint, but through strong and innovative leadership we can help compensate for this investment through dividends not initially anticipated. * We have found that a culture of environmental awareness must be fostered by staff leaders who are 'internally' or 'self-' motivated to take the initiative, adopt, and promote stewardship principles within the workplace. * Besides the federal staff, it was important to include the many collaborators, partners, contractors and students that comprise NCCOS into our continuous process of training, outreach, technical assistance, and auditing. Doing this has help foster the concept that we can accomplish more working together than we can by working independently. This also helps ensure that the next generation of environmental professionals are learning to be responsible environmental citizens.</p>	<p>* EMS has become a tool for NCCOS to manage its environmental affairs. * EMS has helped NCCOS to identify and therefore reduce risk, achieve regulatory compliance, and respond to the Administration's environmental performance goals. * EMS enables NCCOS to proactively manage its environmental issues across all its facilities using a coordinated approach to focus on continuous improvement and sustainable environmental and related operational performance.</p>
<p>EMS is forgotten if not instilled into the daily functions of employees.</p>	<p>Keeping management involved and how to best determine how to hold management reviews with thier busy schedules. Having an Executive Order that does not provide funding for EMS.</p>	<p>Increase protection of the environment</p>
<p>Keeping employees informed on the objectives and improvements as they happen.</p>	<p>Keeping management involved and how to best determine how to hold management reviews with thier busy schedules. Having an Executive Order that does not provide funding for EMS.</p>	<p>Increase protection of the environment</p>
<p>Harness energy and enthusiasm among staff to start new programs. Get buy in and feedback from staff to ensure we are addressing things that are important to them. We did a Center wide survey early on the year.</p>	<p>One challenge has been overcoming hurdles involving EMS elements from the ISO Standard. Everyone wants to do the actions without fully comprehending the planning and checking steps. We have overcome this by having an outside audit which looked at all ISO elements. Defining and working as EMS vs. Green Team. Having dedicated funding to support EMS development and environmental projects to meet environmental targets would help accomplish the tasks more efficiently.</p>	<p>We are an environmental agency, so being able to think about our processes in an environmental way has helped us validate our science and mission.</p>