

ENVIRONMENTAL MANAGEMENT INITIATIVE

1. Initiative Name:
Wildlife Habitat Protection

1.a. Environmental Management Program(s) Supported:
Wildlife (Plant & Animal) Resource Stewardship

2. Initiative Lead:
Richard Sloane

3. Document Control Code:
EMI-2007-Wildlife Habitat

4. Date:
September 4, 2007

5. Initiative Description:

The intent of this program is to preserve natural areas and to manage, protect, and enhance wildlife habitat on the NIEHS campus. The NIEHS has received a Wildlife and Industry Together (WAIT) certification from the North Carolina Wildlife Federation. Certification requires the development of an employee education and awareness program and other activities to manage, protect, and promote onsite wildlife. In addition, all National Environmental Policy Act (NEPA) reviews to determine natural resource impacts at the NIEHS Main Campus are conducted by the NIH/ORF with assistance from the OM/HSB. These reviews are conducted to determine the impact that construction projects may have on natural resources such as forest and vegetation cover, lakes and streams, along with wildlife habitat and the potential existence of endangered species. Monitoring of land-disturbing projects occurs locally and is performed by NIH/ORF FOB and the Health & Safety Branch.

6. GOALS AND OBJECTIVES

2008 Objective(s):	Performance Indicator(s)	Resource requirements
<ul style="list-style-type: none"> ▪ Maintain WAIT certification through development of annual employee education programs 	<ul style="list-style-type: none"> ▪ Completion of annual objectives is reported to the NC Wildlife Federation, educational information provided during annual Earth Day activities 	<ul style="list-style-type: none"> ▪ Current resources
<ul style="list-style-type: none"> ▪ Maintain the NIEHS Lake as a viable habitat for fish and waterfowl, as a stormwater retention basin and for NIEHS Campus aesthetics 	<ul style="list-style-type: none"> ▪ Establish and initiate annual assessment of the NIEHS Lake 	<ul style="list-style-type: none"> ▪ Not determined
<ul style="list-style-type: none"> ▪ Minimize impact on wildlife habitat during construction of the NIEHS Clinical Research Center 	<ul style="list-style-type: none"> ▪ Amount of vegetation cover removed or disturbed during construction, evidence of actions taken to prevent construction site sediment from entering the NIEHS Lake 	<ul style="list-style-type: none"> ▪ Not determined

7. Significant Environmental Aspect(s):

Stormwater Releases
 Ecological Disturbance
 Water Consumption (Irrigation)

8. Reason(s) for Significance:

- a. Potential environmental impact
- b. Legal and regulatory requirements

9. Legal and Other Requirements:

State: North Carolina Wildlife Federation Wildlife And Industry Together (WAIT) Certification requirements
State: North Carolina Division of Water Quality – Stormwater Permit

10. Potential Environmental Impacts:

Potential for plant and wildlife habitat loss
 Potential for increased stormwater runoff and shoreline erosion along the NIEHS Lake

11. ACTION PLAN:

Targets/Milestones to Meet Initiative Objective(s)	Expected Frequency / Completion Date	Responsibility
Develop and distribute information about native and invasive plant species in North Carolina and animals located on the NIEHS Campus in order to meet WAIT certification maintenance requirements	Annual (during Earth Day)	Employee Services Support Specialist EAAC Members
Replace bluebird houses and develop map of locations	2 nd Quarter 2008	Employee Services Support Specialist EAAC Members
Develop and implement a plan to reduce shoreline erosion along the southeast portions of the NIEHS Lake	4 th Quarter 2008	Landscaping Project Officer Office of Research Facilities Employee Services Support Specialist EAAC Members
Establish and initiate annual lake assessment program	4 th Quarter 2008	Office of Research Facilities Employee Services Support Specialist EAAC Members

Establish additional wildflower planting sites on the NIEHS Campus	4 th Quarter 2008	Employee Services Support Specialist Landscaping Project Officer EAAC Members
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12. OPERATIONAL CONTROLS

Activity	Controls	Responsible Persons	Monitoring	Records	Comments
Management and enhancement of the NIEHS grounds and maintenance of the 23-acre lake	NIEHS Landscape Master Plan	Various Office of Research Facilities staff Employee Services Support Specialist	Water quality analysis, visual evaluation and inspection	Laboratory analysis results, purchasing records, reports	
Development and implementation of wildlife enhancement projects and associated employee education programs	NC Wildlife Federation (WAIT) Certification Program	Employee Services Support Specialist Environmental Awareness Advisory Committee (EAAC)	NC Division of Wildlife must be notified when annual WAIT program objectives have been completed	Reports to NCWF, Earth Day brochures, other employee education program materials	

13. RELEVANT DOCUMENT(S)

Document Name	Location	Document Custodian
NIEHS Master Landscape Plan	Electronic / Hardcopy	Office of Research Facilities
EAAC Website	Web-based	EAAC Co-chairs
North Carolina Wildlife Federation WAIT Certification	Electronic / Hardcopy	Employee Services Support Specialist
North Carolina Stormwater Permit	Electronic / Hardcopy	Environmental Compliance Officer

14. EMS REVIEW

Name: William K. Steinmetz	Signature:	Date: 12/04/0007
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