



Department of Energy

Argonne Site Office
9800 South Cass Avenue
Argonne, Illinois 60439

MAY 07 2014

Dr. Peter B. Littlewood
Director, Argonne National Laboratory
President, UChicago Argonne, LLC
9700 South Cass Avenue
Argonne, IL 60439

Dear Dr. Littlewood:

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DETERMINATION FOR
ARGONNE NATIONAL LABORATORY (ARGONNE)

The Argonne Site Office (ASO) has approved the following as a categorical exclusion (CX) under Appendix B (to 10 CFR Part 1021, Subpart D, Integrated DOE NEPA Implementing Procedures, December 1996), Category B 1.3, "Routine maintenance/custodial services for buildings, structures, infrastructures, equipment" applicable to:

- Emerald Ash Borer Control (ASO-CX-302)

Therefore, no further NEPA review is required. However, if any modification or an expansion of the scope is made to the above project, additional NEPA review will be necessary.

Enclosed please find a copy of the approved Environmental Review Form (ERF) for the project.

If you have any questions, please contact Kaushik Joshi of my staff at (630) 252-4226.

Sincerely,

A handwritten signature in cursive script that reads "Joanna M. Livengood".

Joanna M. Livengood
Manager

Enclosure:
As Stated

cc: J. Stauber, ANL, w/encl.
M. Finder, ANL, w/encl.
C. Sullivan, ANL, w/encl.
K. Joshi, ASO, w/encl.
M. McKown, SC-CH, w/encl.
P. Siebach, SC-CH, w/encl.

Environmental Review Form for Argonne National Laboratory

Project/Activity Title: Emerald Ash Borer Control

ASO NEPA Tracking No. ASO-CX-302 Type of Funding: _____

B&R Code _____

Identifying number: OPS #1336 WFO proposal # _____ CRADA proposal # _____

Work Project # _____ ANL accounting # (item 3a in Field Work Proposal) _____

Other (explain) DOE Log #1672

Project Manager: Casey Sullivan Signature: Casey Sullivan Date: 9/4/2013

NEPA Owner: Michael Finder Signature: M.P. F. Date: 9/4/2013

ANL NEPA Reviewer: Joel Stauber Signature: Joel V. Stauber Date: 9/4/13

- I. **Description of Proposed Action:** Emerald Ash Borer (EAB) has come to the region including the Argonne site. The borer is a beetle in which the larval stage eats the cambial tissue of ash trees. All ash species are defenseless against the borer. Landscape trees can appear to be healthy and suddenly die at the onset of heat or drought. Therefore live trees shall be removed if the pathogen has sufficiently affected the tree. The emerald ash borer is an invasive species so control action fulfills objectives in the land management and habitat restoration plan as removal action is an effort to control the spread of an invasive species. In order to address the loss of trees on the campus, lost ash trees will be replaced on a one for one basis with a diverse selection of species representative of the site, county, and region.

- II. **Description of Affected Environment:** The proposed action relates to trees primarily in the 200 Area campus landscape (see attachment). Removal of some of the ash trees will have a visual impact to the historic district, but replacement of dying trees with healthy trees will be a net positive. Most of the affected trees are larger than six inches in diameter at breast height (DBH), but they have not achieved a significant maturity or stature to provide measurable ecologic function within the landscape. The anticipated life expectancy of infested trees is less than 2 years. The action may benefit local control measures; however, the regional presence of EAB off-site has rendered most control efforts ineffective. The option of injection treatments of individual trees was considered, but deemed to be too expensive given the number of years that treatments may likely be needed. All non-treated ash trees locally and off-site are anticipated to become affected by Emerald Ash Borer.

III. **Potential Environmental Effects:** (Attach explanation for each "yes" response. See Instructions for Completing Environmental Review Form)

A. Complete Section A for all projects.

- | | | |
|--|---|--|
| 1. Project evaluated for Pollution Prevention and Waste Minimization opportunities and details provided under items 2, 4, 6, 7, 8, 16, and 20 below, as applicable | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2. Air Pollutant Emissions | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 3. Noise | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 4. Chemical/Oil Storage/Use | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 5. Pesticide Use | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 6. Polychlorinated Biphenyls (PCBs) | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 7. Biohazards | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 8. Effluent/Wastewater (If yes, see question #12 and contact Gregg Kulma (FMS-SEP) at 2-9147 or gkulma@anl.gov | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 9. Waste Management | | |
| a) Construction or Demolition Waste | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Wood chips should be quarantined on-site and can be utilized for aged compost. | | |
| b) Hazardous Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| c) Radioactive Mixed Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| d) Radioactive Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| e) PCB or Asbestos Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| f) Biological Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| g) No Path to Disposal Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| h) Nano-material Waste | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 10. Radiation | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 11. Threatened Violation of ES&H Regulations or Permit Requirements | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 12. New or Modified Federal or State Permits | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |

13. Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste Yes No
14. Public Controversy Yes No
15. Historic Structures and Objects Yes No
16. Disturbance of Pre-existing Contamination Yes No
17. Energy Efficiency, Resource Conserving, and Sustainable Design Features Yes No

B. For projects that will occur outdoors, complete Section B as well as Section A.

18. Threatened or Endangered Species, Critical Habitats, and/or other Protected Species Yes No
19. Wetlands Yes No
20. Floodplain Yes No
21. Landscaping Yes No
 Campus landscape trees will be affected.
22. Navigable Air Space Yes No
23. Clearing or Excavation Yes No
24. Archaeological Resources Yes No
25. Underground Injection Yes No
26. Underground Storage Tanks Yes No
27. Public Utilities or Services Yes No
28. Depletion of a Non-Renewable Resource Yes No

C. For projects occurring outside of ANL complete Section C as well as Sections A and B.

29. Prime, Unique, or Locally Important Farmland Yes No
30. Special Sources of Groundwater (such as sole source aquifer) Yes No
31. Coastal Zones Yes No

32. Areas with Special National Designations (such as National Forests, Parks, or Trails) Yes ___ No ___

33. Action of a State Agency in a State with NEPA-type Law Yes ___ No ___

34. Class I Air Quality Control Region Yes ___ No ___

IV. **Subpart D Determination: (to be completed by DOE/ASO)**

Are there any extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal? Yes ___ No X

Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts? Yes ___ No X

If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211? Yes ___ No ___

Can the project or activity be categorically excluded from preparation of an Environment Assessment or Environmental Impact Statement under Subpart D of the DOE NEPA Regulations? Yes X No ___

If yes, indicate the class or classes of action from Appendix A or B of Subpart D under which the project may be excluded. Appendix B, B 1.3 Routine maintenance/custodial services for buildings, structures, infrastructures, equipment.
If no, indicate the NEPA recommendation and class(es) of action from Appendix C or D to Subpart D to Part 1021 of 10 CFR.

ASO NEPA Coordinator Review: Kaushik Joshi

Signature: Kaushik Joshi

Date: 4-25-2014

ASO NCO Approval of CX Determination:

The preceding pages are a record of documentation that an action may be categorically excluded from further NEPA review under DOE NEPA Regulation 10 CFR Part 1021.400. I have determined that the proposed action meets the requirements for the Categorical Exclusion identified above.

Signature: Peter R. Siebach

Date: 5/6/2014

Peter R. Siebach
Acting Argonne Site Office NCO

~~ASO NCO EA or EIS Recommendation:~~

NOT APPLICABLE

Class of Action: _____

Signature: _____

Date: _____

Peter R. Siebach
Acting Argonne Site Office NCO

~~Concurrence with EA or EIS Recommendation:~~

NOT APPLICABLE

CH GLD: _____

Signature: _____

Date: _____

~~ASO Manager Approval of EA or EIS Recommendation:~~

NOT APPLICABLE

An ___ EA ___ EIS shall be prepared for the proposed _____ and
_____ shall serve as the document manager.

Signature: _____

Date: _____

Dr. Joanna M. Livengood
Manager





Paul K. Kearns
Deputy Laboratory Director for Operations/
Chief Operations Officer
Argonne National Laboratory
9700 South Cass Avenue, Bldg. 201
Argonne, IL 60439-4836

1-630-252-3051 phone
1-630-252-7923
pkearns@anl.gov

March 25, 2014

Dr. Joanna M. Livengood, Manager
Argonne Site Office
U.S. Department of Energy
9800 South Cass Avenue
Argonne, Illinois 60439-4871

Subject: Environmental Review Form (ERF)
Emerald Ash Borer Control

Dear Dr. Livengood:

Enclosed is the ERF entitled "Emerald Ash Borer Control." Argonne National Laboratory has compared this activity with the requirements in 10 CFR 1021, Subpart D, Integrated DOE NEPA Implementing Procedures, December 1996. Having followed the required NEPA process steps, and lacking significant environmental impacts, we submit this project for approval by DOE. This NEPA action is requested because of the number and size of infested Ash trees that will be removed as part of ASO-CX-269 "Routine Grounds and Maintenance Activities" under the generic categorical exclusion (CX) category of B1.3.

The proposed project cannot proceed until the Environmental Review Form is completed and approved by DOE. If you have any questions regarding this information, please contact Joel Stauber, Argonne NEPA Reviewer, at (630) 252-7112.

Sincerely,

A handwritten signature in blue ink that reads "Paul K. Kearns".

Paul K. Kearns
Deputy Laboratory Director for Operations/
Chief Operations Officer

Enclosure: Environmental Review Form

cc: R. Aker, DOE-ASO
K. Joshi, DOE-ASO
P. Siebach, DOE-CH

ASODOCLOG2014-96