



Environmental Review Form for Argonne National Laboratory

Form: ANL-985
Version: 5
Your Form ID: ANL-985-1800
Form Status: Approved
Date: 8/29/2022 12:51:27 PM
Created By: Murdoch, Colin M.

Creator

Badge: 207696 **Name:** Murdoch, Colin M.
Cost Center: 208 **Division:** PMO
Job Title: Project Manager **Employee Type:** Regular Full-Time Exempt
Building: 214 **Lab Extension:** 2-5829

General Information

Project/Activity Title: Buildings 115 & 116 Decommissioning and Demolition for AU-2 Project
ASO NEPA Tracking No.: 3782 **Type of Funding:**
B & R Code: **Identifying Number:** 01866
SPP Proposal Number: **CRADA Proposal Number:**
Work Project Number: **ANL Accounting Number:** (Item 3a in Field Work Proposal)
Other (explain):
List appropriate NEPA Owners:
Division: PMO NEPA Owner:

Financial Plans

To select a Financial Plan, click the magnifying glass icon to open a search window.

Cost Center: **Project:** **Phase:** **Task:**

Description of Proposed Action

Decommissioning and Demolition of 100 Area coal yard Buildings 115 & 116 including equipment and structures conveyance of materials. Above grade structures will be removed in their entirety, below grade foundations and abandoned utilities to be removed. All regulated waste, scrap metals, and other demolition debris shall be removed from the site in accordance with all applicable rules and regulations. This action is incorporated into the Argonne Utilities Upgrade AU2 project to prepare site for new construction. AU2 project received ASO-CX #379 in 2020. This ERF is for scope items to support AU2

Description of Affected Environment

Work activities are limited to previously disturbed surfaces and existing building and equipment footprint. Subsurface excavation is limited to existing foundations and abandoned utilities. Limited rough grading of walking/working surface.

Potential Environmental Effects

- Attach explanation for each "yes" response near bottom of form.
- **See Instructions for Completing Environmental Review Form.**

Section A (Complete For All Projects)		Yes	No	Explanation
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	☒	☐	Non-regulated waste removed for scrap metal and concrete recycling.
2.	Air Pollutant Emissions	☒	☐	Work Planning and Controls will be implemented to mitigate airborne emissions that may result for abatement and demolition activities
3.	Noise	☒	☐	Heavy equipment operations in the vicinity during demolition of structures.

4.	Chemical/Oil Storage/Use	☐	☒	None present
5.	Pesticide Use	☐	☒	Not required
6.	Toxic Substances Control Act (TSCA) Substances			
6a.	Polychlorinated Biphenyls (PCBs)	☒	☐	Potential PCB chemical containing electrical components (starters, capacitors, light ballasts)
6b.	Asbestos or Asbestos Containing Materials	☒	☐	Asbestos Containing Material include thermal system insulation (TSI), transite siding and roofing materials that on visual inspection are suspect for containing asbestos
6c.	Other TSCA Regulated Substances	☒	☐	other potentially regulated materials including batteries, self-luminous exit signs, smoke detectors, compressed gas cylinders, containerized liquid wastes and other materials
6d.	Import or Export of Chemical Substances	☐	☒	Not Applicable
7.	Biohazards	☐	☒	None
8.	Effluent/Wastewater (If yes, see question #12 and contact Peter Lynch (HSE) at 2-4582 or lynch@anl.gov)	☒	☐	Area of demolition is 4261 square feet, incidental wastewater from dust control misting would be generated.
9.	Waste Management			
9a.	Construction or Demolition Waste	☒	☐	Concrete and steel
9b.	Hazardous Waste	☒	☐	Regulated materials assessment to include identification and quantification of regulated materials regulated materials and other waste materials to be performed prior to demolition. Hazardous waste to be disposed in accordance with all applicable rules and regulations.
9c.	Radioactive Mixed Waste	☐	☒	Facility not impacted by process contamination
9d.	Radioactive Waste	☐	☒	Facility not impacted by process contamination
9e.	Asbestos Waste	☒	☐	Asbestos containing material to be abated and disposed in accordance with all applicable rules and regulations.
9f.	Biological Waste	☐	☒	None
9g.	No Path to Disposal Waste	☐	☒	None
9h.	Nano-material Waste	☐	☒	None
10.	Radiation	☐	☒	Not Applicable
11.	Threatened Violation of ES&H Regulations or Permit Requirement	☐	☒	Standard dust control methods to be used, water misting required for silica, dust control
12.	New or Modified Federal or State Permits	☐	☒	Demolition of existing abandoned structure
13.	Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste	☐	☒	Not applicable
14.	Public Controversy	☐	☒	Demolition of existing abandoned structure
15.	Historic Structures and Objects	☐	☒	These facilities are not uniquely constructed or maintained, nor are they specifically associated with an important person or event. An Sitewide historic property inventory Phase II documentation was prepared in 2001 and recommended as not eligible for listing on the National Register of Historic Places
16.	Disturbance of Pre-existing Contamination	☐	☒	None
17.	Energy Efficiency, Resource Conserving, and Sustainable Design Features	☐	☒	Not applicable
Section B (For Projects that Occur Outdoors)		Yes	No	
18.	Threatened or Endangered Species, Critical Habitats, and/or other Protected Species	☐	☒	Demolition of existing structure
19.	Wetlands	☐	☒	Demolition of existing structure
20.	Floodplain	☐	☒	Demolition of existing structure

21.	Landscaping	☐	☒	Demolition of existing structure
22.	Navigable Air Space	☐	☒	Demolition of existing structure
23.	Clearing or Excavation	☒	☐	Excavation limited to removal of structural footing and utilities. No soil will be removed from site.
24.	Archaeological Resources	☐	☒	previously disturbed soil
25.	Underground Injection	☐	☒	Not applicable
26.	Underground Storage Tanks	☐	☒	None
27.	Public Utilities or Services	☐	☒	On site utilities and services disconnected
28.	Depletion of a Non-Renewable Resource	☐	☒	Not applicable
Section C (For Projects Outside of ANL)		Yes	No	
29.	Prime, Unique, or Locally Important Farmland	☐	☒	not applicable
30.	Special Sources of Groundwater (such as sole source aquifer)	☐	☒	None
31.	Coastal Zones	☐	☒	not applicable
32.	Areas with Special National Designations (such as National Forests, Parks, or Trails)	☐	☒	not applicable
33.	Action of a State Agency in a State with NEPA-type Law	☐	☒	not applicable
34.	Class I Air Quality Control Region	☐	☒	not applicable

Categorical Exclusion

ANL NEPA Reviewer Use Only

- ☐ My approval is the final approval necessary
- ☒ This form requires additional approval from DOE

To be Completed by DOE/ASO

Section D	Yes	No
Are there any extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	☐	☒
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	☐	☒
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211?	☐	☐
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?	☒	☐
If yes, indicate the class or classes of action from Appendix A or B of Subpart D under which the project may be excluded: This project may be excluded under the following Class of Action from 10 CFR 1021 Subpart D Appendix B: B 1.23 Demolition and Disposal of Buildings		
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.		

Attachments

File Description:

Comments

Add Approver

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Approver Name	Approver Badge	Reason	Delete
Cisek, Jonathan E.	212942	AU2 Project Manager	

Notifications

The approval notification email will be copied to the people listed below.

Badge	Name	Division	Delete
291883	Kowalkowski, Aneta Renata	PMO	

ASO-CX Number

ASO-CX- 402

Comments:

Approval

Approver	Action	Date Routed	Action Date	Approval Reason / Comments	Approval Type
Murdoch, Colin M.	APPROVED	2023-03-28	2023-03-28 10:03:24.0	Creator :	PRIMARY
Murdoch, Colin M.	APPROVED	2023-03-28	2023-03-28 10:03:24.0	Allows access to the form :	PRIMARY
Murdoch, Colin M.	APPROVED	2023-03-28	2023-03-28 10:03:24.0	Project Manager :	PRIMARY
Cisek, Jonathan E.	APPROVED	2023-03-28	2023-04-03 10:31:27.0	AU2 Project Manager :	PRIMARY
Andersen, Karyn Elizabeth Schoch	APPROVED	2023-04-03	2023-04-11 09:09:57.0	NEPA Owner Approval for Argonne Environmental Review :	PRIMARY
Ptak, Jill S.	APPROVED	2023-04-11	2023-04-21 18:59:59.0	ANL NEPA Reviewer : Scope to support AU2 project, not included in original AU2 ERF and CX approval	PRIMARY
Hellman, Karen Sue	APPROVED	2023-04-21	2023-04-25 09:24:30.0	ANL-985 Review and Approval :	PRIMARY
Dunn, Michael W.	APPROVED	2023-04-25	2023-04-26 18:57:18.0	ANL-985 ANL Deputy COO Review and Approval :	PRIMARY
Joshi, Kaushik N.	APPROVED	2023-04-26	2023-05-18 07:57:53.0	ANL-985 DOE-ASO Review and Approval : This DOE approval of the project for NEPA Categorical Exclusion (CX) is tracked as ASO-CX-402.	PRIMARY
Siebach, Peter Rudolf	APPROVED	2023-05-18	2023-05-22 09:43:14.0	ANL-985 DOE NEPA Compliance Officer Review and Approval :	PRIMARY