

Environmental Review Form for Argonne National Laboratory

Form: ANL-985

Version: 5

Your Form ID: ANL-985-1225 Form Status: Approved

Date: 1/17/2019 10:52:17 AM Created By: Akinfe, Timilehin F.

Creator

Badge: 299579 Name: Akinfe, Timilehin F.

Cost Center: 208 Division: PMO

Job Title: Consultant Employee Type: Non-Regular Full-Time Non-Exempt

Building: 214 Lab Extension:

General Information

Project/Activity Title: Kearney Road Culvert Replacement

ASO NEPA Tracking No.: 2879 Type of Funding: MR

B & R Code: Identifying Number: 01736

SPP Proposal Number: CRADA Proposal Number:

Work Project Number: PRJ1005932 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

The proposed action will replace a failed culvert that crosses the ANL fence line, east of Kearney Road. The 30" diameter culvert will be replaced in its entirety; metal flared ends will be added on the outlet side, and a concrete headwall on the inlet side. Rip-rap will be added in the downstream portion of the culvert. Miscellaneous grading and surface repairs will be executed. This work will occur both on the ANL site and in the DuPage Co. Forest Preserve, near a wetland.

Description of Affected Environment

This is a failed culvert; the replacement will eliminate excessive soil erosion occurring at the site, which improves safety and provides a system to detain stormwater. As such, this will result in a positive impact on the environment. This work will occur near a wetland and an endangered species area, but not specifically in these areas

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	•	0	The demolished culvert will be recycled. All excavated debris will also be recycled. All trees that are cut down will be recycled.
2.	Air Pollutant Emissions		\odot	
3.	Noise	0	•	
4.	Chemical/Oil Storage/Use	0	⊙	
		1		

5.	Pesticide Use	0	\odot	
6.	Toxic Substances Control Act (TSCA) Substances			
	6a. Polychlorinated Biphenyls (PCBs)	0	\odot	
	6b. Asbestos or Asbestos Containing Materials	0	\odot	
	6c. Other TSCA Regulated Substances	0	⊙	
	6d. Import or Export of Chemical Substances	0	⊙	
7.	Biohazards	0	•	
8.	Effluent/Wastewater (If yes, see question #12 and contact Peter Lynch (HSE) at 2-4582 or lynch@anl.gov)	•	0	There will appropriate erosion control to manage any excessive effluent at the jobsite, due to rain or streamflow. The Illinois Urban Manual (IUM) for Stormwater Control will be followed.
9.	Waste Management			
	9a. Construction or Demolition Waste	•	О	Debris from metal culvert will be recycled. Miscellaneous form work and concrete debris will be recycled
	9b. Hazardous Waste	0	\odot	
	9c. Radioactive Mixed Waste	О	\odot	
	9d. Radioactive Waste	\circ	\odot	
	9e. Asbestos Waste	О	\odot	
	9f. Biological Waste	О	⊙	
	9g. No Path to Disposal Waste	О	⊙	
	9h. Nano-material Waste	О	⊙	
10.	Radiation	0	\odot	
11.	Threatened Violation of ES&H Regulations or Permit Requirement	0	•	
12.	New or Modified Federal or State Permits	•	О	Due to this work occurring in Waters of the State, a Corp of Engineers permit is required. This permit (LRC-2017-258) has already been approved and is attached.
13.	Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste	0	•	
14.	Public Controversy	0	\odot	
15.	Historic Structures and Objects	0	•	
16.	Disturbance of Pre-existing Contamination	0	•	
17.	Energy Efficiency, Resource Conserving, and Sustainable Design Features	•	0	The project will have a weir design designed to detain storm water during large storm events. The structure will also resolve the excessive erosion occurring at the site.
S	ection B (For Projects that Occur Outdoors)	Yes	No	
18.	Threatened or Endangered Species, Critical Habitats, and/or other Protected Species	•	0	Nearby, outside of the impacted area, the Hines Emerald Dragonfly is known to reside. This project will not dig in any wetlands, or known sensitive environment that would impact the habitat. Erosion control will be established and managed.
19.	Wetlands	•	О	There are wetlands nearby and upstream from the excavation area. No work will occur in the wetland. The wetlands delineation is attached.
20.	Floodplain	0	\odot	
21.	Landscaping	•	О	Basic landscaping will be done to the affected areas, returning them to their pre-existing condition.
22.	Navigable Air Space	0	•	
23.	Clearing or Excavation	•	0	Approximately, 9 CY of material will be excavated and backfilled. In addition, ~300SF of brush and small trees will be cleared, adjacent to the culvert outlet. The trees are < 6" in diameter. ~17CY of Rip-Rap and gravel will be added to the area.
24.	Archaeological Resources	0	⊙	
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25.	Underground Injection	О	\odot	
26.	Underground Storage Tanks	0	•	
27.	Public Utilities or Services	•	0	A Forest Preserve-mowed trail will be impacted along the fence line. The existing damaged area will be repaired and brought back to its original condition.
28.	Depletion of a Non-Renewable Resource	0	\odot	
	Section C (For Projects Outside of ANL)	Yes	No	
29.	Prime, Unique, or Locally Important Farmland	О	\odot	
30.	Special Sources of Groundwater (such as sole source aquifer)	0	•	
31.	Coastal Zones	0	\odot	
32.	Areas with Special National Designations (such as National Forests, Parks, or Trails)	•	0	Part of this work will occur in the DuPage Co Forest Preserve. The Forest Preserve is participating in the design review and also ANL will be securing a permit from the Forest Preserve,
33.	Action of a State Agency in a State with NEPA-type Law	0	•	
34.	Class I Air Quality Control Region	0	•	

Categorical Exclusion

ANL NEPA Reviewer Use Only

O 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?	0	•
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	0	•
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211?	0	0
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?	•	0

If yes, indicate the class or classes of action from Appendix A or B of Subpart D under which the project may be excluded: Categorically excluded under 10 CFR Part 1021, Subpart D, Appendix B: B1.33 Storm water runoff control; B1.3 Routine maintenance; and B1.28 Placing a facility in an environmentally safe condition.

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: LRC-2017-258 USACE Permit View Attachment
File Description: Wetland 201 Culvert Repair View Attachment
File Description: Kearney Rd Culvert Drawing View Attachment

Comments

Categorical exclusion approved by DOE, and tracked as ASO-CX-361.

Add Approver

Approver Name	Approver Badge	Reason	Delete

Patchak, Raymond J.	97292	NEPA Owner	
Lynch, Peter L.	46304	SME	

Notifications

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

Badge	Name	Division	Delete
46304	Lynch, Peter L.	ESH	
58262	Sullivan, Casey J.	РМО	
53396	Tinnin, Douglas J.	РМО	

ASO-CX Number

ASO-CX-361

Comments:

Categorical exclusion approved by DOE, and tracked as ASO-CX-361.

Approval

Approver	<u>Action</u>	Date Routed	Action Date	Approval Reason / Comments	Approval Type
Akinfe, Timilehin F.	APPROVED	2019-01-17	2019-01-17 15:51:51.0	Creator :	PRIMARY
Akinfe, Timilehin F.	APPROVED	2019-01-17	2019-01-17 15:51:51.0	Allows access to the form:	PRIMARY
Akinfe, Timilehin F.	APPROVED	2019-01-17	2019-01-17 15:51:51.0	Project Manager :	PRIMARY
Matton, Philip B.	APPROVED	2019-01-17	2019-01-24 16:03:50.0	NEPA Owner Approval for Argonne Environmental Review:	PRIMARY
Ptak, Jill S.	APPROVED	2019-01-24	2019-02-05 13:35:16.0	ANL NEPA Reviewer :	PRIMARY
Hellman, Karen B.	APPROVED	2019-02-05	2019-02-15 13:47:10.0	ANL-985 Review and Approval :	PRIMARY
Stine, Gail Y.	APPROVED	2019-02-15	2019-02-18 08:50:21.0	ANL-985 Review and Approval :	PRIMARY
Lee, Alice J. for Kearns, Paul K.	APPROVED	2019-02-18	2019-02-18 12:31:32.0	ANL-985 ANL COO Review and Approval :	DELEGATE
Joshi, Kaushik N.	APPROVED	2019-02-18	2019-02-28 12:04:58.0	ANL-985 DOE-ASO Review and Approval: This CX is tracked as ASO-CX-361.	PRIMARY
Siebach, Peter Rudolf	APPROVED	2019-02-28	2019-02-28 15:04:23.0	ANL-985 DOE NEPA Compliance Officer Review and Approval :	PRIMARY