

Financial Plans

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

Cost 208	Drojoct:	PRJ1002967 Office of Project Management	Dhaca:	PH01	Tack	PT4190: Strategic Planning
Center: 200	Fiojeci.	Management	Flidse.	General	1051.	Planning

Description of Proposed Action

The Department of Energy-Argonne Site Office (DOE-ASO) proposes to grant an easement on real property of Argonne National Laboratory, to the Forest Preserve District of DuPage County (FPDDC). DOE would maintain ownership of said property. In turn, the FPDDC seeks to build, operate and maintain suitable parking lots on Argonne property, in order to ease vehicle congestion and enhance safety for individuals accessing the Waterfall Glen Forest Preserve. This Environmental Review Form (ERF) is being completed to document the known condition of the property prior to the execution of an easement agreement. This ERF also identifies potential environmental impacts foreseen from future efforts of the FPDDC for the construction of parking lots. An ALTA (American Land Title Association) survey would also be performed of Argonne National Laboratory property. See attached map for proposed easement location. The extent of anticipated construction is not yet known by Argonne. Given the 8.4 acres of gross property size, less environmental limitations, and unknown DuPage County and FPDDC parking lot and site development standards, parking lot construction is anticipated to range between 100 to 300 spaces gained per parcel. Vegetation would be cleared to make way for the construction of parking improvements on the two parcels. A trail connection between the parking lot(s) and the Waterfall Glen Forest Preserve would be constructed to assist the flow of pedestrians.

Description of Affected Environment

See attached site map. The two proposed Argonne property areas are adjacent to Cass Avenue at Argonne Park and at the intersection of Bluff Road and Cass Ave. The property totals 8.4 acres. The area does not have improved facilities other than stormwater structures, an abandoned road, overhead electric and underground natural gas utilities. The property was farmland in the 1930s prior to the federal government's acquisition of the property. In the 1950s as the Laboratory was developed, some road construction and culvert installation occurred near Bluff Road and the current alignment of Cass Ave, after the establishment of the Argonne site. That project appears to have included grading and backfilling of soil along Cass Avenue to accommodate the realignment of Cass Avenue to its current location. Aside from this early work, the two proposed sites do not have a history of

development after the establishment of Argonne. The property is considered previously disturbed land. The two parcels are covered in a variety of vegetation of unknown quality. Portions of the two areas contain floodplains. The ALTA Survey would consist of office work for records searches and field work for land surveying. It is anticipated that the field work would minimally disturb the ground to place stakes, but no monuments would be placed.

Potential Environmental Effects

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

Se		on A (Complete All Projects)	Yes	No	Explanation
1.	for Pre Wa opp deta und 7, 8 belo	ject evaluated Pollution vention and ste Minimization ortunities and ails provided ler items 2, 4, 6, 6, 16, and 20 ow, as blicable	۰	c	Material would be recycled when feasible. FPDDC would consider recycled or permeable asphalt or concrete to allow for stormwater infiltration and to reduce runoff. Best management practices for pollution prevention and waste minimization would be followed.
2.		Pollutant issions	$oldsymbol{\circ}$	o	Exhaust from heavy construction equipment would be created when the equipment is operating.
3.	Noi	se	٥	c	Typical construction noise would occur outdoors. Argonne's allowable exposure limit is at or below 85 db. Personnel would use appropriate personal protective equipment (PPE) as necessary.
4.		emical/Oil rage/Use	Θ	c	Chemicals may be used to clean tools; environmentally safe/friendly materials would be selected. Chemicals may be used in concrete to aid in curing.
5.	Pes	sticide Use	0	\odot	
6.	Cor (TS	kic Substances htrol Act CA) ostances			
	6a.	Polychlorinated Biphenyls (PCBs)	0	۲	
	6b.	Asbestos or Asbestos Containing Materials	o	•	
	6c.	Other TSCA Regulated Substances	0	o	
	6d.	Import or Export of Chemical Substances	c	•	
7.	Bio	hazards	0	\odot	
8.	(If y que con (HS	uent/Wastewater res, see estion #12 and tact Peter Lynch SE) at 2-4582 or ch@anl.gov)	•	0	Excavation greater than one (1) acre would require a Stormwater Pollution Prevention Plan (SWPPP) from the Illinois EPA. DOE-ASO and Argonne will review the SWPPP and erosion control plans prior to submittal by DOE-ASO to the IL EPA. Stormwater runoff from parking lots would occur after construction. The SWPPP would contain information about post-construction stormwater management consistent with IEPA stormwater permit requirements (Sect IV.D.2.h). Site effluent would be controlled, detained and managed on-site, as per the requirements of The Energy Independence and Security Act (EISA) of 2007, SEC. 438. STORM WATER RUNOFF REQUIREMENTS FOR FEDERAL DEVELOPMENT PROJECTS. "The sponsor of any development or redevelopment project involving a Federal facility with a footprint that exceeds 5,000 square feet shall use site planning, design, construction, and maintenance strategies for the property to maintain or restore, to the maximum extent technically feasible, the

					predevelopment hydrology of the property with regard to the temperature, rate, volume, and duration of flow." Site drainage would need to be coordinated with DuPage County Stormwater Management as part of the final parking lot design.
9.	Wa Mai	ste nagement			
	9a.	Construction or Demolition Waste	o	0	All construction waste would be recycled when feasible.
	9b.	Hazardous Waste	0	$oldsymbol{eta}$	
	9c.	Radioactive Mixed Waste	0	$oldsymbol{\circ}$	
	9d.	Radioactive Waste	0	$oldsymbol{eta}$	
	9e.	Asbestos Waste	0	$oldsymbol{\circ}$	
	9f.	Biological Waste	0	Θ	
	9g.	No Path to Disposal Waste	0	$oldsymbol{eta}$	
	9h.	Nano-material Waste	\circ	\odot	
10.	Rac	diation	0	\odot	
11.	Viol Reg	eatened lation of ES&H gulations or mit Requirement	0	•	
12.	Fec	w or Modified deral or State mits	o	0	Construction over 1 ac would require modification of existing, or creation of a new IEPA SWPPP.
13.	or N Moo Fac Tre	ng, Construction, Major dification of sility to Recover, at, Store, or pose of Waste	o	o	Wastewater would not be conveyed, by any means, to Argonne wastewater treatment plant.
14.	Pub	olic Controversy	0	$oldsymbol{\circ}$	DOE-ASO proposes this easement to aid in the protection and safety of the community using the nearby forest preserve amenities. The DOE would maintain ownership of the property.
15.		toric Structures I Objects	0	o	No historic structures are presently known to exist at these locations. The sites do not contain buildings and do not have a history of construction since Argonne was established. See also # 24.
16.	Pre	turbance of -existing ntamination	0	•	Soil and sediment samples were collected from the stream bed near the proposed site in 1998, though the exact location is not confirmed. Two of the nineteen samples indicated the presence of arsenic, and the source was unconfirmed, though not suspected to come from Argonne. No work will occur in suspected contaminated areas.
17.	Res Cor Sus	ergy Efficiency, source nserving, and stainable Design atures	o	0	Design would employ sustainable elements and sustainable stormwater best management practices, per EISA (see question 8) and the EO 13693: Planning for Federal Sustainability in the Next Decade.
Р	roje	ction B (For cts that Occur Dutdoors)	Yes	No	
18.	Enc Spe Hat othe	eatened or dangered ecies, Critical pitats, and/or er Protected ecies	c	©	Of the seven threatened and/or endangered species known to occur in DuPage County, one is known to exist at Argonne. The site area is not located in the known habitat area of the Hines Emerald Dragonfly. See attached map. Informal consultation with the US Fish and Wildlife Service would occur prior to construction. Threatened and/or endangered species would be identified specific to the final parking lot design.

19.	Wetlands	o	\odot	No known wetlands exist in the two property areas. No work would occur in any wetlands. Wetlands must be clearly identified specific to the final parking lot design.
20.	Floodplain	۲	o	Portions of the two sites are within the 100 Year base floodway and base floodplain (1% chance), as determined by the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps, accessed from DuPage County. A pedestrian or bicycle path would possibly be built within the floodplain, while parking lots would be located outside of the floodplain to the maximum extent practicable. Parking lots and pathways would not be considered DOE critical facilities. The project would take appropriate mitigation measures, and would follow DOE 10 CFR Part 1022 Compliance With Floodplain And Wetland Environmental Review Requirements. Project design would comply with applicable FEMA National Flood Insurance Program building standards (per §1022.3). A floodplain assessment would be required, per §1022.23. Erosion control measures would be taken to eliminate runoff to adjacent waterways.
21.	Landscaping	۲	0	Existing pine plantations cover part of the northern property area, while associated woody growth occurs in the southern part. Trees would be removed to clear an area for parking lot construction, and may be larger than six (6) inches in diameter at breast height. Mulch may be re-used at project site. All new installations of landscaping would be native species. Reference EO 13751, Safeguarding the Nation from the Impacts of Invasive Species.
22.	Navigable Air Space	\circ	•	
23.	Clearing or Excavation	o	0	Existing vegetation would be cleared to create parking surfaces. Excavation and digging would occur. Erosion control measures would be employed during construction, including protection of nearby waterways.
24.	Archaeological Resources	0	œ	Presently, no archaeological resources are known to exist, but prior to construction, an archaeological survey would be completed to document the potential for cultural resources, subject to DOE Policy 141.1: Management of Cultural Resources, and in accordance with the Illinois State Historic Preservation Office guidelines. Plans would be implemented accordingly.
25.	Underground Injection	0	\odot	
26.	Underground Storage Tanks	0	\odot	None are known to exist in the area.
27.	Public Utilities or Services	۲	c	Overhead electric lines belonging to Argonne cross over one of the areas and service Argonne Park. Storm sewer culverts exists in the area. The Northern Illinois Gas Company (dba NICOR) owns a natural gas pipeline along the length of Cass Avenue. It is not anticipated that utilities would be relocated. See attached utility map. No excavation would occur in the immediate area of the pipeline. Argonne Digging Permits would be required prior to construction. Utilities such as gas and electric as well as their encumbrances on the property would be identified for the final parking lot design.
28.	Depletion of a Non-Renewable Resource	0	o	
Pi	Section C (For rojects Outside of ANL)	Yes	No	
29.	Prime, Unique, or Locally Important Farmland	0	o	
30.	Special Sources of Groundwater (such as sole source aquifer)	0	œ	
31.	Coastal Zones	0	\odot	
	Areas with Special National Designations (such as National Forests, Parks, or Trails)	0	©	
	Action of a State Agency in a State with NEPA-type	c	œ	

	Law			
34.	Class I Air Quality Control Region	0	\odot	

Categorical Exclusion

Other (Use field below to enter other categorical exclusion) A specific CX may need to be assigned by DOE for this activity.

ANL NEPA Reviewer Use Only

C 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?	c	o
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	o	o
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?	٥	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: Categorical exclusion is approved under the following classes of action of Subpart D, Appendix B: B.1.25 Real property transfers for cultural resources protection, habitat preservation, and wildlife management; B1.13 Pathways, short access roads, and rail lines; and B1.15 Support 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:	Site map	View Attachment
File Description:	Site Utility map	View Attachment
File Description:	USFWS ESA letter	View Attachment
File Description:	DOE Technical Direction Letter	View Attachment
File Description:	Proposed Easement	

Comments

DOE ASO and DOE Chicago track this categorical exclusion as ASO-CX-350.

Add Approver

Approver Name	Approver Badge	Reason	Delete
Budd, Jason R.	58844	SPPM Manager	

Notifications

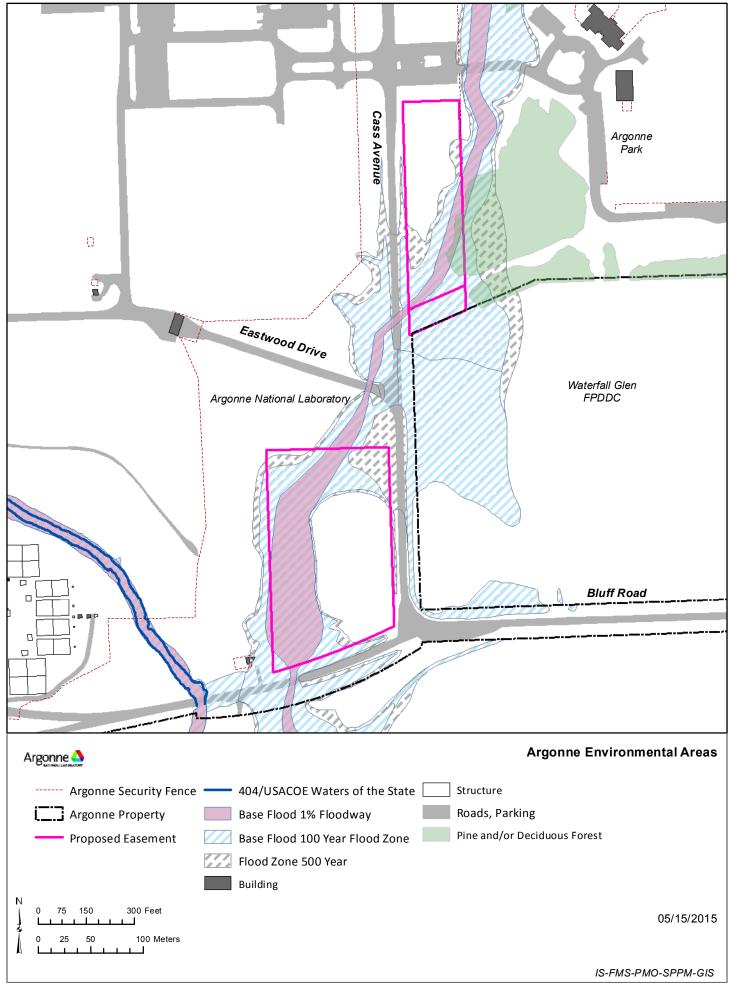
The approval notification email will be copied to the people listed below.

Badge Name Division Delete

CX determination contingent upon all applicable regulatory requirements, including 10 CFR 1022 if design necessitates, being achieved.

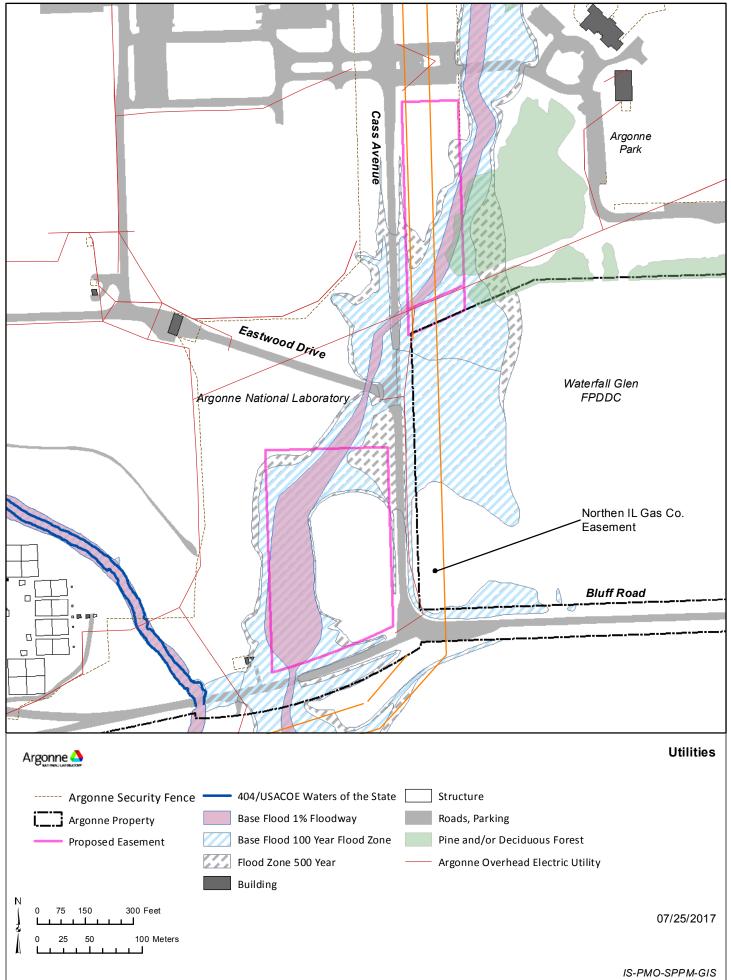
Approval					
Approver	Action	Date Routed	Action Date	Approval Reason / Comments	<u>Approval</u> <u>Type</u>
Ptak, Jill S.	APPROVED	2018-02-01	2018-02-01 15:51:32.0	Creator :	PRIMARY
Ptak, Jill S.	APPROVED	2018-02-01	2018-02-01 15:51:32.0	Project Manager :	PRIMARY
Budd, Jason R.	APPROVED	2018-02-01	2018-02-01 15:53:45.0	SPPM Manager :	PRIMARY
Matton, Philip B.	APPROVED	2018-02-01	2018-02-05 08:19:37.0	NEPA Owner Approval for Argonne Environmental Review :	PRIMARY
Ptak, Jill S.	APPROVED	2018-02-05	2018-02-05 12:30:29.0	ANL NEPA Reviewer :	PRIMARY
Hellman, Karen B.	APPROVED	2018-02-05	2018-02-05 12:33:21.0	ANL-985 Review and Approval :	PRIMARY
Stine, Gail Y.	APPROVED	2018-02-05	2018-02-05 13:50:06.0	ANL-985 Review and Approval :	PRIMARY
Lee, Alice J. for Kearns, Paul K.	APPROVED	2018-02-05	2018-02-14 12:29:51.0	ANL-985 ANL COO Review and Approval :	DELEGATE
Joshi, Kaushik N.	APPROVED	2018-02-14	2018-02-21 13:59:52.0	ANL-985 DOE-ASO Review and Approval : ASO-CX-350	PRIMARY
McKown, Michelle	APPROVED	2018-02-21	2018-02-21 15:44:50.0	Added: :	PRIMARY
Kasprowicz, John	APPROVED	2018-02-21	2018-02-21 17:00:19.0	Added: :	PRIMARY
Siebach, Peter R.	APPROVED	2018-02-21	2018-02-21 17:09:07.0	ANL-985 DOE NEPA Compliance Officer Review and Approval :	PRIMARY

Path: d:\Users\jnaumes\Box Sync\My Box Docs\Projects\Forest Preserve\ERF_Property Easement to FPDDC_EnviroMap.mxd 5/15/2017



Data Sources & Layer Credits: Argonne National Laboratory, 2015 ;

Path: d:\Users\jnaumes\Box Sync\My Box Docs\Projects\Forest Preserve\ERF_Property Easement to FPDDC_EnviroMap.mxd 7/25/2017



Data Sources & Layer Credits: Argonne National Laboratory, 2015 ;



United States Department of the Interior

FISH AND WILDLIFE SERVICE Chicago Ecological Service Field Office U.s. Fish And Wildlife Service Chicago Ecological Services Office 230 South Dearborn St., Suite 2938 Chicago, IL 60604-1507 Phone: (312) 216-4720 Fax: http://www.fws.gov/midwest/endangered/section7/s7process/7a2process.html



July 26, 2017

In Reply Refer To: Consultation Code: 03E13000-2017-SLI-0012 Event Code: 03E13000-2017-E-01231 Project Name: Argonne National Laboratory Management

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Please note! For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

For all other projects, continue the Section 7 Consultation process by going to our Section 7 Technical Assistance website at

<u>http://www.fws.gov/midwest/endangered/section7/s7process/index.html</u>. If you are familiar with this website, you may want to go to Step 2 of the Section 7 Consultation process at <u>http://www.fws.gov/midwest/endangered/section7/s7process/step2.html</u>.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website <u>http://ecos.fws.gov/ipac/</u> at regular intervals during project planning and implementation and

completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at <u>http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html</u> to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Chicago Ecological Service Field Office

U.s. Fish And Wildlife Service Chicago Ecological Services Office 230 South Dearborn St., Suite 2938 Chicago, IL 60604-1507 (312) 216-4720

Project Summary

Consultation Code:	03E13000-2017-SLI-0012
Event Code:	03E13000-2017-E-01231
Project Name:	Argonne National Laboratory Management
Project Type:	Department of Energy Operations
Project Description:	Argonne National Laboratory is a Department of Energy research facility. The site is approximately 1500 acres of a developed campus but also significant wild areas. The site is a host of the Hine's Emerald Dragonfly discovered in the summer of 2016. General laboratory management occurs throughout the site and in proximity to the location of the discovery and habitat. This is a general project statement of continuous operations in the vicinity of a Threatened or Endangered Species.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/41.707810085519384N87.97704908733633W



Counties:

DuPage, IL

Endangered Species Act Species

Species profile: https://ecos.fws.gov/ecp/species/7877

There is a total of 7 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/9045</u>	Threatened
Reptiles	
NAME	STATUS
Eastern Massasauga (=rattlesnake) Sistrurus catenatus No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/2202</u>	Threatened
Insects	
NAME	STATUS
Hine's Emerald Dragonfly <i>Somatochlora hineana</i> There is a final <u>critical habitat</u> designated for this species. Your location is outside the designated critical habitat.	Endangered

Flowering Plants

NAME	STATUS
 Eastern Prairie Fringed Orchid <i>Platanthera leucophaea</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: Follow the guidance provided at https://www.fws.gov/midwest/endangered/section7/s7process/plants/epfos7guide.html Species profile: https://ecos.fws.gov/ecp/species/601 	Threatened
Leafy Prairie-clover <i>Dalea foliosa</i> No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/5498</u>	Endangered
Mead's Milkweed Asclepias meadii No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/8204</u>	Threatened
Prairie Bush-clover Lespedeza leptostachya No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/4458</u>	Threatened

Critical habitats

There are no critical habitats within your project area under this office's jurisdiction.



Department of Energy

Argonne Site Office 9800 South Cass Avenue Argonne, Illinois 60439

APR 1 7 2017

Dr. Paul K. Kearns Interim Director, Argonne National Laboratory 9700 S. Cass Avenue Argonne, Illinois 60439

Dear Dr. Kearns:

SUBJECT: TECHNICAL DIRECTION LETTER – CONTRACT NO. DE-AC02-06CH11357: COMPLETION OF NEPA STUDY ON 2 (TWO) PARCELS OF LAND TO BE TRANSFERRED TO DUPAGE COUNTY FOREST PRESERVE (DCFP) AND PROCEEDING WITH AN AMERICAN LAND TITLE ASSOCIATION (ALTA) SURVEY OF THE ARGONNE SITE

Per the subject contract clause I.89 - DEAR 952.242-70 Technical Direction, I request that the Laboratory take the necessary steps to complete the following two real property related actions:

- Conduct a NEPA survey of federal property proposed to be transferred to the DuPage County Forest Preserve. The transfer of this property would allow the Forest Preserve to build and maintain suitable parking lots, easing congestion and enhancing safety for all individuals accessing Waterfall Glen. The project consists of the construction of two parking lots; approximately 2.8 acres on the east side of Cass Avenue, and 5.4 acres south of East Gate Road and to the west of Cass Avenue. Accordingly, the NEPA survey should consider the intended use by the Forest Preserve.
- Procure an ALTA Survey to comprehensively delineate/document the boundary area of the site including property lines, easements, and other details. Further details on the extent of the ALTA survey should be coordinated with the Site Office and the ISC-CH Realty Group, as necessary.

The action requested herein is considered to be within the scope of the existing contract, Section C.4(c)(4) and Section C.4(c)(6)(iv), and does not authorize the Contractor to incur any additional costs or delay delivery/performance to the Government. Per Clause I.89 – DEAR 952.242-70, "The Contractor must proceed promptly with the performance of technical direction duly issued by the COR in the manner prescribed by this clause and within its authority under the provisions of this clause. If, in the opinion of the Contractor, any instruction or direction by the COR falls within one of the categories defined in (c)(1) through (c)(5) of this clause, the **Contractor must not proceed and must notify the Contracting Officer in writing within five (5)** working days after receipt of any such instruction or direction and must request the Contracting Officer to modify the contract accordingly."

If you have any questions, please contact John Kasprowicz of my staff at (630) 252-2621.

A component of the Office of Science

Dr. Paul K. Kearns

Sincerely,

Finengood banna / 1K

Joanna M. Livengood Manager, Contracting Officer's Representative

cc: K. Hellman, ANL