COMMONWEALTH COMMERCE CENTER

BIOLOGICAL ANALYSIS

Prepared using IPaC

Generated by glen ross (glenross@mselex.com)

November 15, 2024

The purpose of this document is to assess the effects of the proposed project and determine whether the project may affect any federally threatened, endangered, proposed, or candidate species. If appropriate for the project, this document may be used as a biological assessment (BA), as it is prepared in accordance with legal requirements set forth under Section 7 of the Endangered Species Act (16 U.S.C. 1536 (c)).

In this document, any data provided by U.S. Fish and Wildlife Service is based on data as of November 15, 2024.

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COMMONWEALTH COMMERCE CENTER BIOLOGICAL ASSESSMENT

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1 DESCRIPTION OF THE ACTION

1.1 PROJECT NAME

Commonwealth Commerce center

1.2 EXECUTIVE SUMMARY

The Pendleton County Economic Development authority proposes to make infrastructure improvements in the Commonwealth Commerce center including access road extension, water and sewer line extensions and construction of a 150,000 sf build ready pad under the auspices of the KY Cabinet for Economic Development's KPDI program. No impact on endangered species habitat.

1.3 EFFECT DETERMINATION SUMMARY

SPECIES (COMMON NAME)	SCIENTIFIC NAME	LISTING STATUS	PRESENT IN ACTION AREA	EFFECT DETERMINATION
Clubshell	Pleurobema clava	Endangered	No	NE
Fanshell	Cyprogenia stegaria	Endangered	No	NE
Gray Bat	Myotis grisescens	Endangered	No	NE
Indiana Bat	Myotis sodalis	Endangered	No	NE
Longsolid	Fusconaia subrotunda	Threatened	No	NE
Monarch Butterfly	Danaus plexippus	Candidate	Excluded from analysis	Excluded from analysis
Northern Long-eared Bat	Myotis septentrionalis	Endangered	No	NE
Northern Riffleshell	Epioblasma rangiana	Endangered	No	NE
Pink Mucket (pearlymussel)	Lampsilis abrupta	Endangered	No	NE
Rabbitsfoot	Quadrula cylindrica cylindrica	Threatened	No	NE
Round Hickorynut	Obovaria subrotunda	Threatened	No	NE
Salamander Mussel	Simpsonaias ambigua	Proposed Endangered	Excluded from analysis	Excluded from analysis
Snuffbox Mussel	Epioblasma triquetra	Endangered	No	NE
Tricolored Bat	Perimyotis subflavus	Proposed Endangered	Excluded from analysis	Excluded from analysis

1.4 PROJECT DESCRIPTION

1.4.1 LOCATION

LOCATION
Pendleton County, Kentucky

1.4.2 DESCRIPTION OF PROJECT HABITAT

Extend access road, extend utilities, construct build ready pad

1.4.3 PROJECT PROPONENT INFORMATION

Provide information regarding who is proposing to conduct the project, and their contact information. Please provide details on whether there is a Federal nexus.

REQUESTING AGENCY

FULL NAME
glen ross

STREET ADDRESS
624 wellington way

CITY
lexington

STATE
KY

ZIP
40503

PHONE NUMBER
8592235694

E-MAIL ADDRESS
glenross@mselex.com

LEAD AGENCY

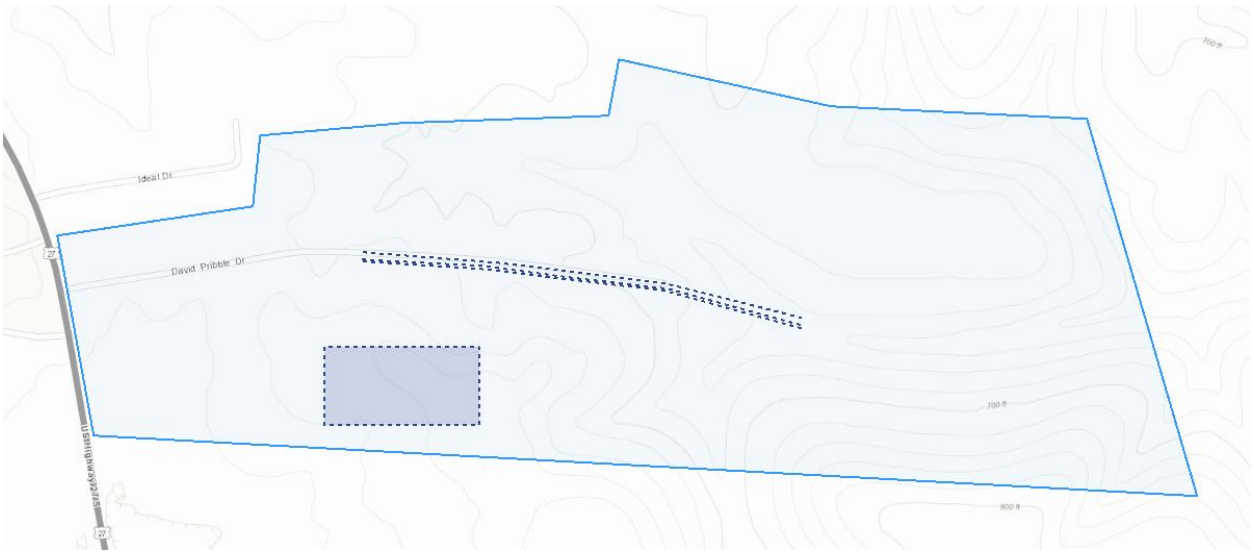
1.4.4 PROJECT PURPOSE

To extend and improve infrastructure in a county owne industrial park to make it more marketable.

1.4.5 PROJECT TYPE AND DECONSTRUCTION

This project is a industrial park construction project.

1.4.5.1 PROJECT MAP



LEGEND

Project footprint

Underground utilities: In-ground utilities construction, access road extension (structure), construct earthern building pad for prospective business location (structure), water and sewer lines underground (structure)

1.4.5.2 ACCESS ROAD EXTENSION

STRUCTURE COMPLETION DATE
December 31, 2025

REMOVAL/DECOMMISSION DATE (IF APPLICABLE)
Not applicable

STRESSORS
This activity is not expected to have any impact on the environment.

DESCRIPTION
No species impact in road right of way.

1.4.5.3 CONSTRUCT EARTHERN BUILDING PAD FOR PROSPECTIVE BUSINESS LOCATION

STRUCTURE COMPLETION DATE
December 31, 2025

REMOVAL/DECOMMISSION DATE (IF APPLICABLE)
Not applicable

STRESSORS
This activity is not expected to have any impact on the environment.

DESCRIPTION
Construction in a mowed greenfield. No species impact

1.4.5.4 WATER AND SEWER LINES UNDERGROUND

STRUCTURE COMPLETION DATE
December 31, 2025

REMOVAL/DECOMMISSION DATE (IF APPLICABLE)
Not applicable

STRESSORS
This activity is not expected to have any impact on the environment.

DESCRIPTION
underground construction along road no impacts.

1.4.5.5 IN-GROUND UTILITIES CONSTRUCTION

ACTIVITY START DATE
December 31, 2024

ACTIVITY END DATE
December 31, 2025

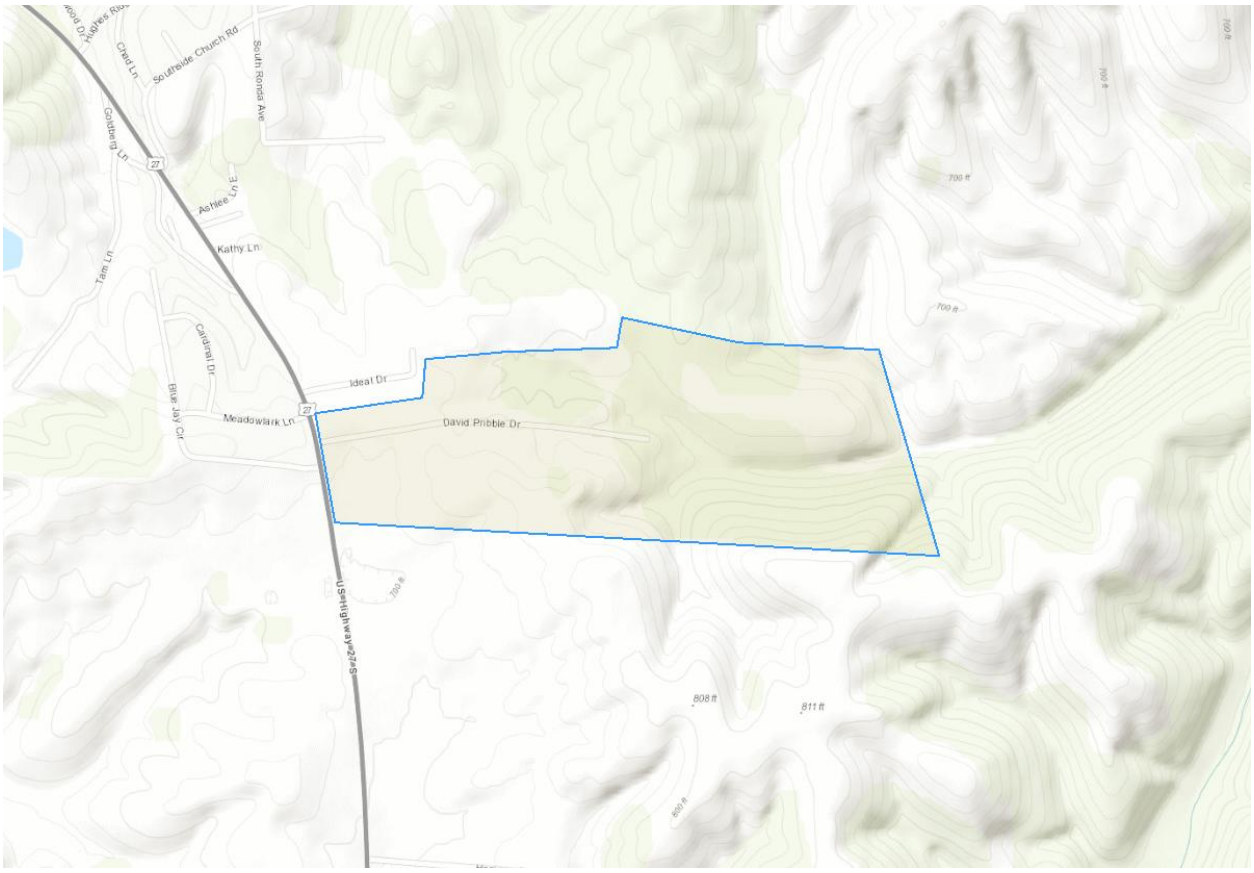
STRESSORS
This activity is not expected to have any impact on the environment.

DESCRIPTION
Underground construction in greenfield areas no impacts.

1.4.6 ANTICIPATED ENVIRONMENTAL STRESSORS

Describe the anticipated effects of your proposed project on the aspects of the land, air and water that will occur due to the activities above. These should be based on the activity deconstructions done in the previous section and will be used to inform the action area.

1.5 ACTION AREA



LEGEND

Project footprint

Stressor location

1.6 CONSERVATION MEASURES

Describe any proposed measures being implemented as part of the project that are designed to reduce the impacts to the environment and their resulting effects to listed species. To avoid extra verbiage, don't list measures that have no relevance to the species being analyzed.

No conservation measures have been selected for this project.

1.7 PRIOR CONSULTATION HISTORY

None

1.8 OTHER AGENCY PARTNERS AND INTERESTED PARTIES

Ky Cabinet for Economic Development

1.9 OTHER REPORTS AND HELPFUL INFORMATION

None

2 SPECIES EFFECTS ANALYSIS

This section describes, species by species, the effects of the proposed action on listed, proposed, and candidate species, and the habitat on which they depend. In this document, effects are broken down as direct interactions (something happening directly to the species) or indirect interactions (something happening to the environment on which a species depends that could then result in effects to the species).

These interactions encompass effects that occur both during project construction and those which could be ongoing after the project is finished. All effects, however, should be considered, including effects from direct and indirect interactions and cumulative effects.

2.1 CLUBSHELL

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

no streams on site

2.2 FANSHELL

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.3 GRAY BAT

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

no trees, caves or habitat to be disturbed by project

2.4 INDIANA BAT

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No trees, caves or habitat to be disturbed by project

2.5 LONGSOLID

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams present on site

2.6 MONARCH BUTTERFLY

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

Existing industrial park property is regularly mowed which prevents suitable habitat

2.7 NORTHERN LONG-EARED BAT

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No trees, caves or habitat to be disturbed by project

2.8 NORTHERN RIFFLESHELL

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.9 PINK MUCKET (PEARLYMUSSEL)

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.10 RABBITSFOOT

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.11 ROUND HICKORYNUT

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.12 SALAMANDER MUSSEL

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.13 SNUFFBOX MUSSEL

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No streams on site

2.14 TRICOLORED BAT

This species has been excluded from analysis in this environmental review document.

JUSTIFICATION FOR EXCLUSION

No trees, caves or habitat to be disturbed by project

3 CRITICAL HABITAT EFFECTS ANALYSIS

No critical habitats intersect with the project action area.

4 SUMMARY DISCUSSION AND CONCLUSION

4.1 SUMMARY DISCUSSION

construct underground water and sewer lines

construct access road extension

construct 150,000 sf earthen building pad

4.2 CONCLUSION

No impacts on listed endangered species, no water habitat on site.