Appendix 1. Photolog



Photo 1. View (E) of habitat conditions on PH-D1. Photo 29 June 2025.



Photo 2. View (SW) of habitat conditions on PH-D1. Photo 29 June 2025.



Photo 3. View (W) of habitat conditions on PH-D1. Photo 29 June 2025.

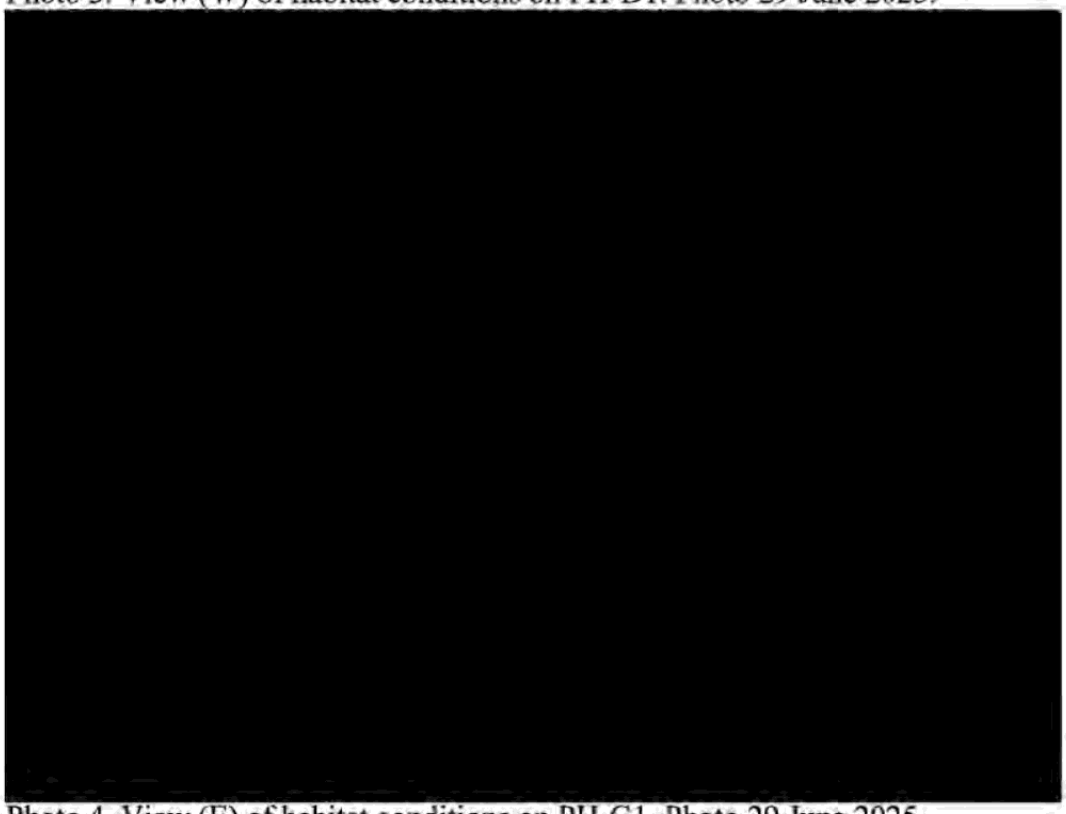


Photo 4. View (E) of habitat conditions on PH-G1. Photo 29 June 2025.



Photo 5. View (NE) of habitat conditions on PH-G1. Photo 29 June 2025.



Photo 6. View (S) of habitat conditions on PH-G2. Photo 29 June 2025.



Photo 7. View (NW) of habitat conditions on PH-G3. Photo 30 June 2025.

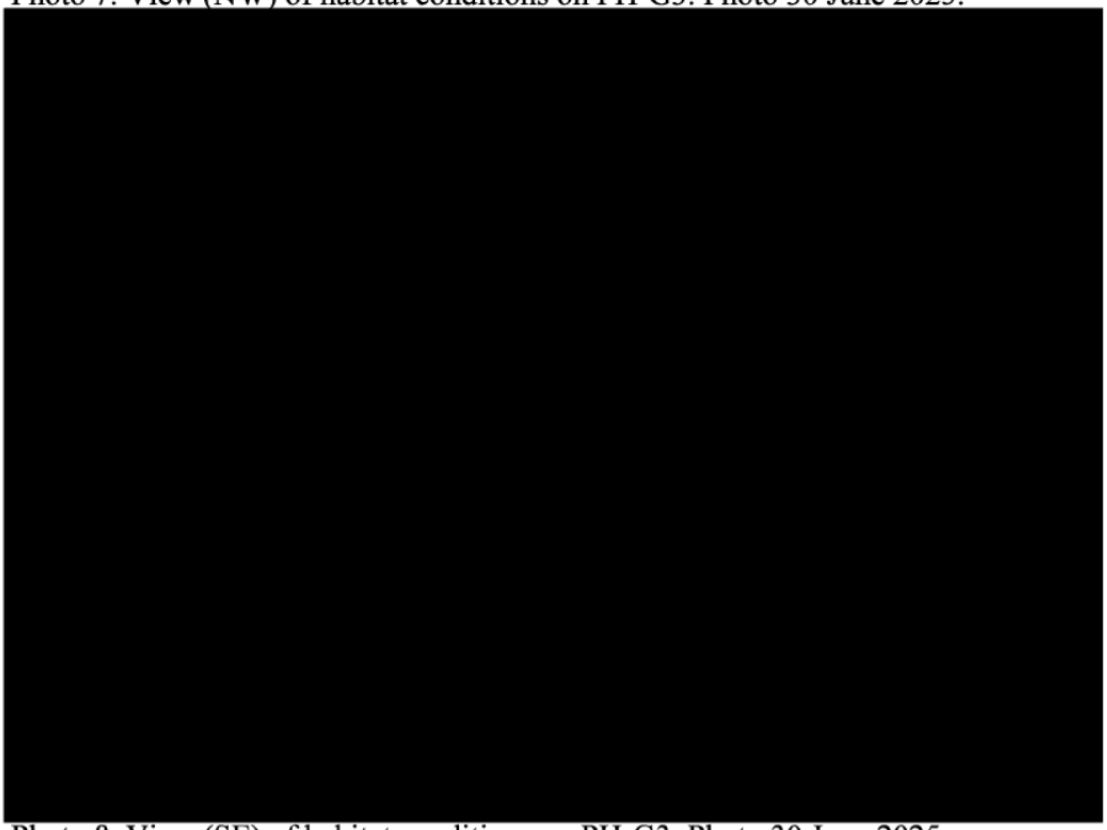


Photo 8. View (SE) of habitat conditions on PH-G3. Photo 30 June 2025.



Photo 9. View (NW) of habitat conditions on PH-D2. Photo 2 April 2026.



Photo 10. View (SW) of habitat conditions on PH-D2. Photo 2 April 2026.



Photo 11. View (S) of habitat conditions on PH-D2. Photo 2 April 2026.



Photo 12. View (N) of habitat conditions on PH-D2. Photo 2 April 2026.



Photo 13. Overview (SSE) of gas line ROW within Investigation Area. PH-G4, PH-G5 and PH-G6 can be seen in the background. Photo 2 April 2026.



Photo 14. View (SW) of habitat conditions on PH-G4. Photo 2 April 2026.



Photo 15. View (N) of habitat conditions on PH-G4. Photo 2 April 2026.



Photo 16. View (SW) of habitat conditions on PH-G5. Photo 2 April 2026.



Photo 17. View (SW) of habitat conditions on PH-G5. Photo 2 April 2026.

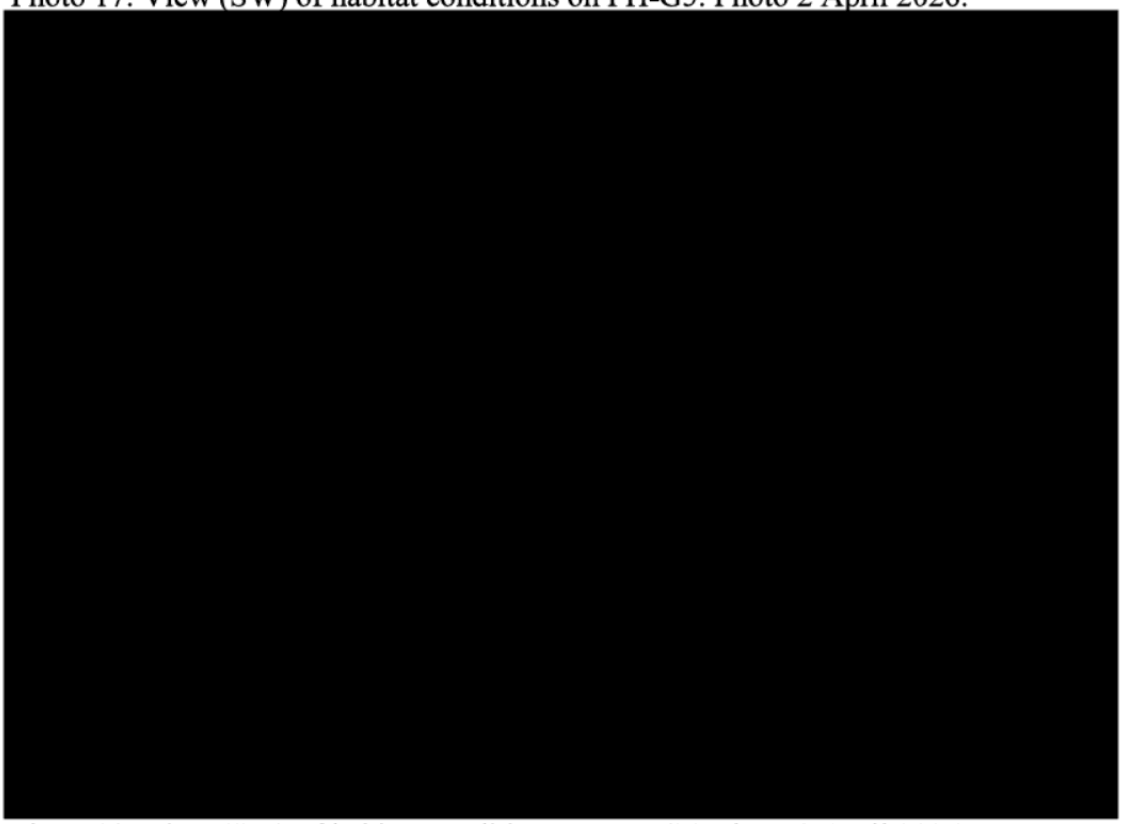


Photo 18. View (SW) of habitat conditions on PH-G6. Photo 2 April 2026.



Photo 19. View (NW) of habitat conditions on PH-G6. Photo 2 April 2026.



Photo 20. View North of habitat conditions across PH-D3. Photo 14 May 2026.



Photo 21. Another view (North) of habitat conditions across PH-D3. Photo 14 May 2026.

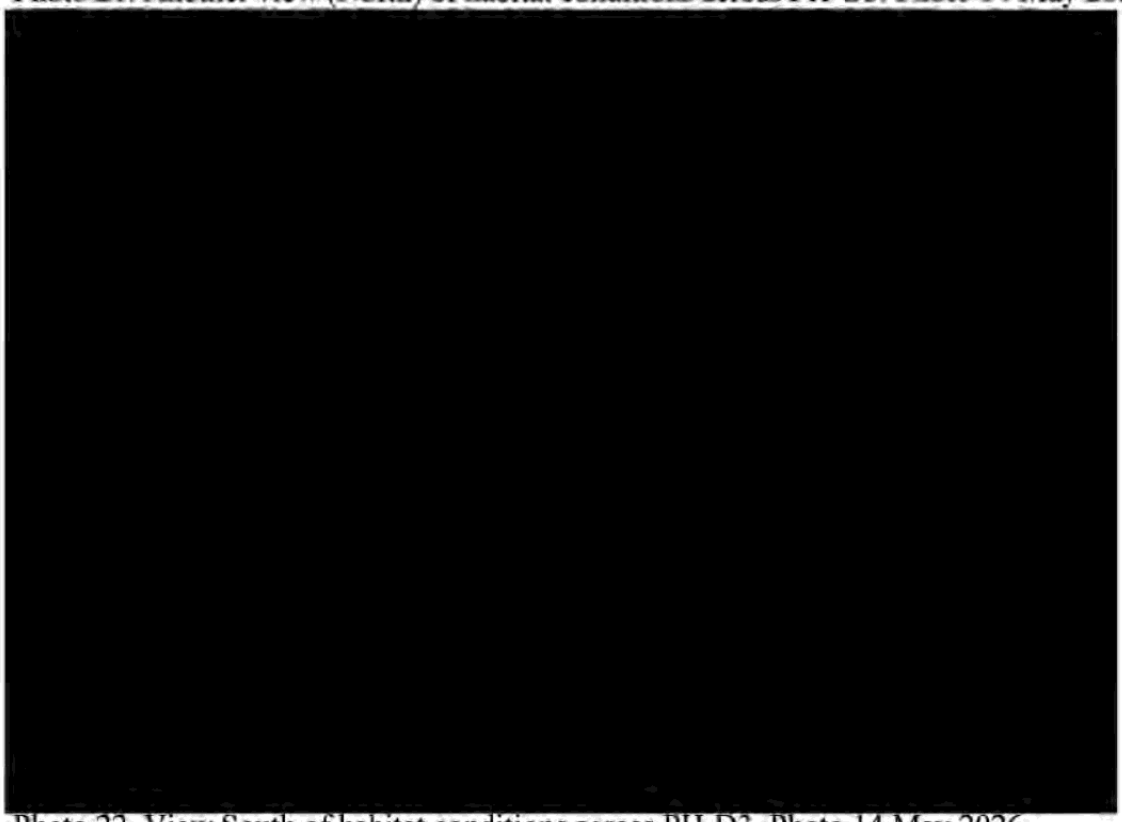


Photo 22. View South of habitat conditions across PH-D3. Photo 14 May 2026.



Photo 23. Another view (West) of habitat conditions across PH-D3. Photo 14 May 2026.



Photo 24. View southwest of habitat conditions across PH-G7. Photo 14 May 2026.



Photo 25. View (N) of a large isolated embedded boulder in a young forest stand on the Investigation Area. Photo 2 April 2026



Photo 26. View (SE) of a stand of your trees, mostly black ash, found on the Investigation Area. Photo 2 April 2026.



Photo 27. View (NE) of large, embedded boulders on Investigation Area. Photo 2 April 2026.

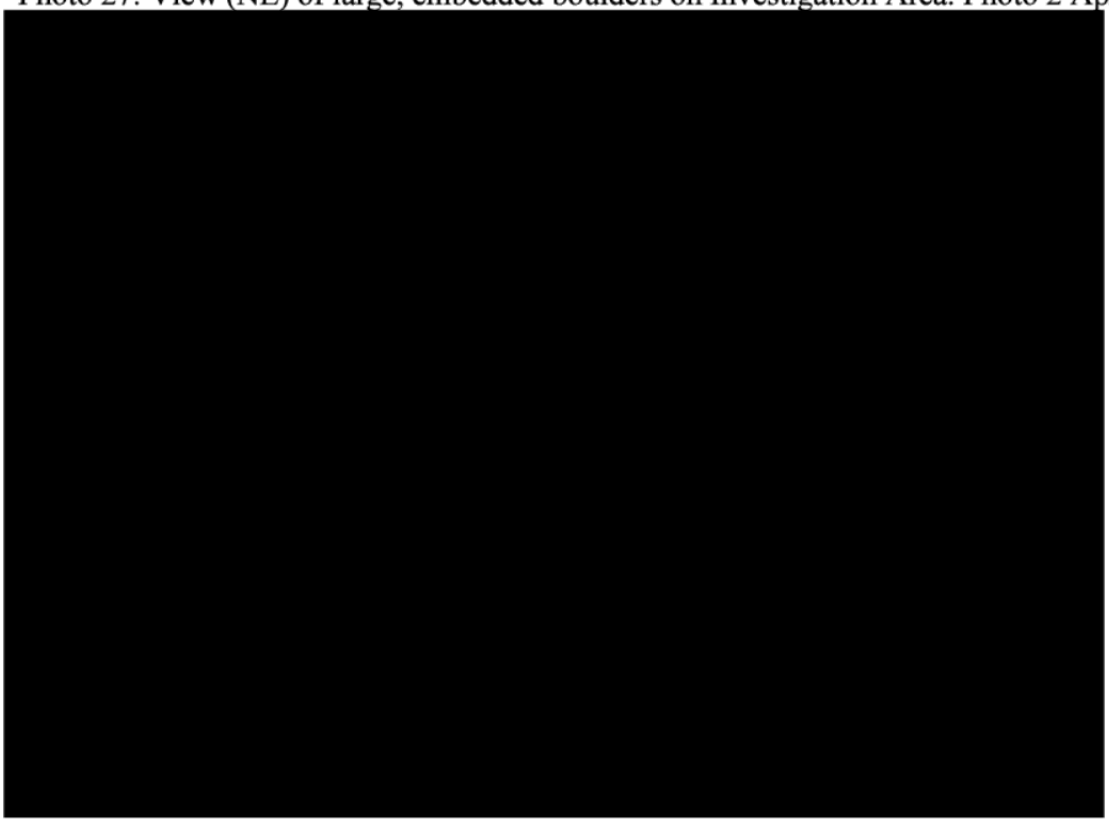


Photo 28. View (E) of a recently logged area on Investigation Area. Photo 2 April 2026.



Photo 29. View of a typical wooded slope on Investigation Area. Photo 3 April 2026.



Photo 30. View (N) of a borrow pit on Investigation Area. Photo 3 April 2026.



Photo 31. View (W) of another borrow pit on Investigation Area. Photo 3 April 2026.



Photo 32. Overview (N) of Investigation Area. Photo 29 June 2025.



Photo 33. Overview (S) of Investigation Area. Photo 29 June 2025.



Photo 34. Overview (NE) of Investigation Area. Photo 30 June 2025.

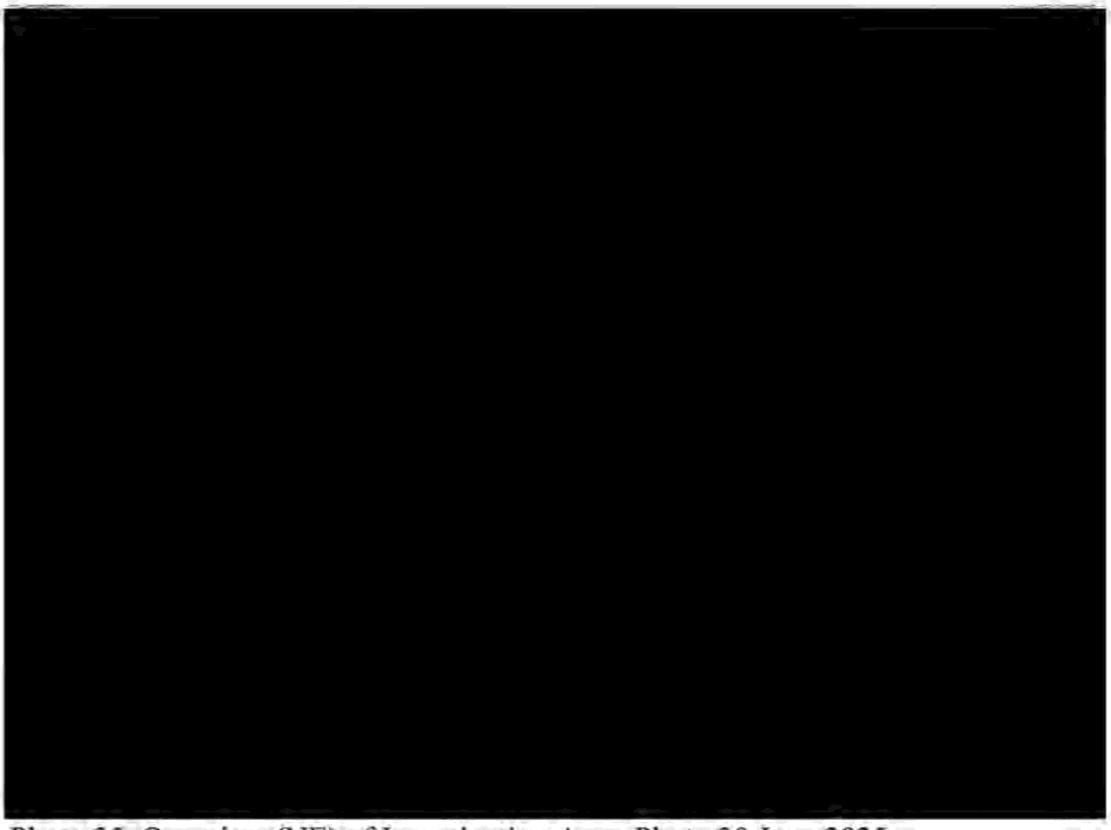


Photo 35. Overview (NE) of Investigation Area. Photo 30 June 2025.

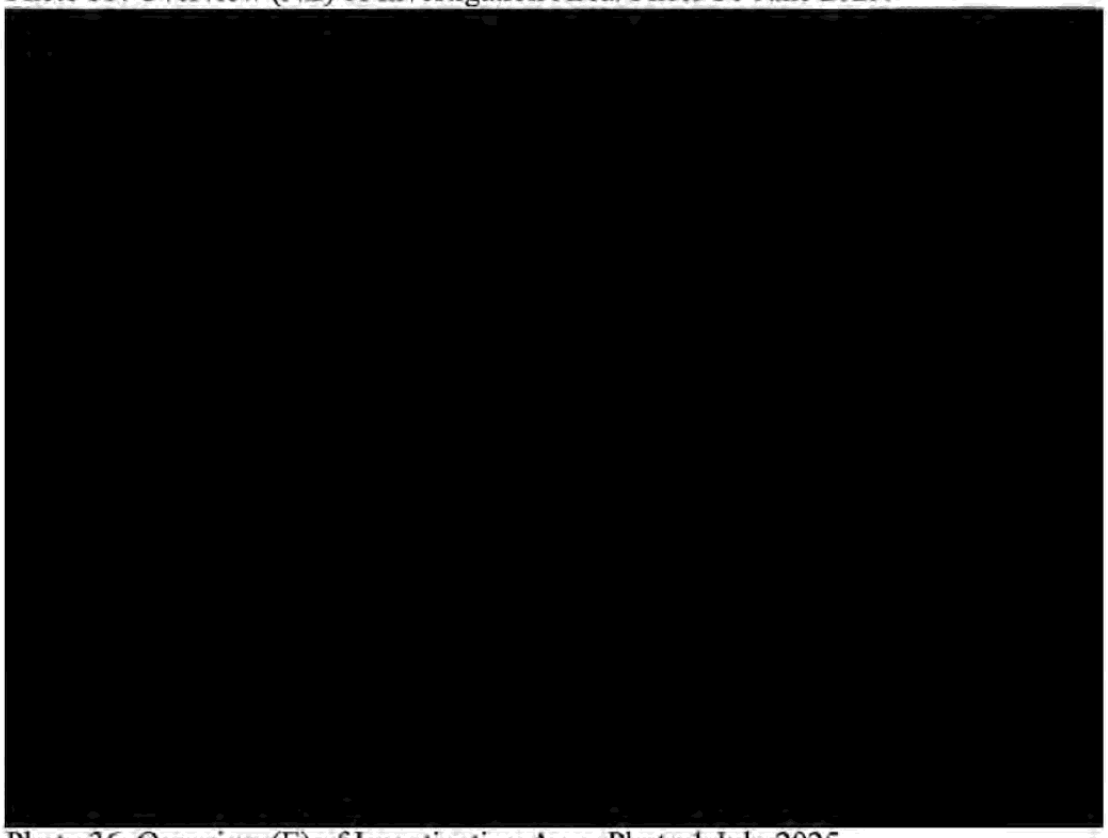


Photo 36. Overview (E) of Investigation Area. Photo 1 July 2025.



Photo 37. Overview (SE) of gas line ROW within Investigation Area. Photo 1 July 2025.



Photo38. View SE of open managed field on the Okerlund Parcel of the Investigation Area. Photo 14 May 2026.



Appendix 2

Timber Rattlesnake Habitat Assessment Field Forms

PENNSYLVANIA FISH & BOAT COMMISSION Division of Environmental Services--Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620

Timber Rattlesnake Habitat Assessment Form (revised 02/11/10)

Project Information
Project/Property Name: Stargazer Renewable Development SIR# [redacted]

Project Type/Description: Solar Development

Project Size* (acreage): 5.346 acres

Applicant/Landowner Name: RWE Clean Energy Development

County: McKean Qu[redacted]

* Attach a copy of topographic map and a site sketch showing survey site and natural features identified.

Assessment Site Information [Areas within and at least 300 feet around the entire project area need to be assessed.]
Date: 29 June 2025 Time: 1145

[redacted] ap Datum Used: NAD 83

** The surveyor should use his/her judgement on the size of the area that a single assessment encompasses. **Additional assessment forms should be used to accurately describe and evaluate large contiguous areas by utilizing a separate form for separate habitat areas within the project boundaries. Each separate area assessed should be assigned a Site ID name that is referenced to the overall site sketch.**

Weather Conditions (Note: Assessment cannot be conducted in snow cover.)
Air temperature (°F) 80° % Cloud Cover 50%

Habitat Description
General description: Forested, second growth, some pole sized

Level of remoteness/nearby disturbance (roads, homes, buildings, utility right-of-ways, etc.):
near forest road, lightly travelled, but active logging nearby

Topographical description: on top of plateau

Slope (Degrees) Flat

Aspect — (compass orientation, i.e., direction hillside faces)

Ground Cover:

% rocky ground cover: 20-25%

% rocky ground cover that receives direct sunlight: none when canopy closed

List size range and shape of rocks (round, flat, etc.): some large boulders, mostly embedded in ground; often average 15'x20' but many smaller

Are there rock outcrops or ledges present? No

Are boulder fields, and or talus/scree slopes present? No

Are flat gestation slabs present? No

Project Name Stargazer Renewable Development *Site ID #* [redacted] *(con't)*

Vegetative Composition:

% Tree Canopy Cover 80 + %

Dominant species present in and surrounding the described habitat:

Trees: Black birch, red maple, black cherry

Shrubs: saplings of above, striped maple

Other plant species of note:

Species Observations

Were herpetofauna species or their signs (e.g., sheds, scat, "forms") observed on-site (include timber rattlesnake observations)? If so, what species and how many?

None

Additional Comments/Observations: (use additional sheets if necessary)

There is a possibility of den here, but it is unlikely due to forest cover and ~~fe~~ previous years not detected

INVESTIGATOR'S OPINION

In your opinion, is there timber rattlesnake critical habitat? Yes ☑ or No ☐ but?

If Yes, what timber rattlesnake critical habitat occurs in this area? See below.

Hibernaculum/Den Yes ☑ or No ☐

Gestation/Birthing Yes or No ☑ ?

I certify that to the best of my knowledge, all of the information provided herein is accurate and complete.

[redacted] [redacted] 29 June 2023

Investigator's Name (print) **Investigator's Signature** **Date**

Reporting. The following items need to be submitted for review:

(1) Timber rattlesnake habitat assessment form.
(2) A project narrative/description, exact project location, equipment to be used in earth moving activities
(3) Color photographs of surveyed area showing: general panorama, rocky areas, and specimens observed.
(4) Site sketch showing the location and direction of photos taken.
(5) Topographic map showing location of area surveyed, the identified potential habitat delineated, the proposed project and associated boundaries.

Please mail these items to:

Natural Diversity Section
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

PENNSYLVANIA FISH & BOAT COMMISSION Division of Environmental Services--Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620

Timber Rattlesnake Habitat Assessment Form (revised 02/11/10)

Project Information

Project/Property Name: Stargazer Renewable Development SIR# [redacted]

Project Type/Description: Solar Development

Project Size* (acreage): 5,346 acres

Applicant/Landowner Name: RWE Clean Energy Development

County: McKean Quad: Hazel Hurst Township/Municipality: Sergeant

* Attach a copy of topographic map and a site sketch showing survey site and natural features identified.

Assessment Site Information [Areas within and at least 300 feet around the entire project area need to be assessed.]

Date: 29 June 2025 Time: 1130

[redacted]

** The surveyor should use his/her judgement on the size of the area that a single assessment encompasses. **Additional assessment forms should be used to accurately describe and evaluate large contiguous areas by utilizing a separate form for separate habitat areas within the project boundaries. Each separate area assessed should be assigned a Site ID name that is referenced to the overall site sketch.**

Weather Conditions (Note: Assessment cannot be conducted in snow cover.)

Air temperature (°F) 80°F % Cloud Cover 5-20

Habitat Description

General description: Forested stand w/ old growth

Level of remoteness/nearby disturbance (roads, homes, buildings, utility right-of-ways, etc.):

Near (along) a forest road; logging operations in area

Topographical description: on a plateau

Slope (Degrees) 5-9°

Aspect NNW (compass orientation, i.e., direction hillside faces)

Ground Cover:

% rocky ground cover: 30%

% rocky ground cover that receives direct sunlight: 50%

List size range and shape of rocks (round, flat, etc.): most small (1"-6"), some larger embeded slabs, often that would allow access below

Are there rock outcrops or ledges present? _____

Are boulder fields, and/or talus/scree slopes present? _____

Are flat gestation slabs present? Y (often)

Project Name Stargazer Renewable Development *Site ID #* [redacted] *(con't)*

Vegetative Composition:

% Tree Canopy Cover None directly overhead

Dominant species present in and surrounding the described habitat:

Trees: black birch and red maple surround much of site

Shrubs: —

Other plant species of note: mostly fern Clay-scented ferns

Species Observations

Were herpetofauna species or their signs (e.g., sheds, scat, "forms") observed on-site (include timber rattlesnake observations)? If so, what species and how many?

None

Additional Comments/Observations: (use additional sheets if necessary)

There is a chance. This area could be used by gestating females, but the cover applications are fair

INVESTIGATOR'S OPINION

In your opinion, is there timber rattlesnake critical habitat? Yes ☑ or No ☐ but see above

If Yes, what timber rattlesnake critical habitat occurs in this area? See below.

Hibernaculum/Den Yes or No ☑

Gestation/Birthing Yes ✓ or No ☐ ?

I certify that to the best of my knowledge, all of the information provided herein is accurate and complete.

[redacted] [redacted] 29 June 2025

Investigator's Name (print) **Investigator's Signature** **Date**

Reporting. The following items need to be submitted for review:

(1) Timber rattlesnake habitat assessment form.
(2) A project narrative/description, exact project location, equipment to be used in earth moving activities
(3) Color photographs of surveyed area showing: general panorama, rocky areas, and specimens observed.
(4) Site sketch showing the location and direction of photos taken.
(5) Topographic map showing location of area surveyed, the identified potential habitat delineated, the proposed project and associated boundaries.

Please mail these items to:

Natural Diversity Section
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

PENNSYLVANIA FISH & BOAT COMMISSION Division of Environmental Services--Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620

Timber Rattlesnake Habitat Assessment Form (revised 02/11/10)

Project Information

Project Property Name: Stargazer Renewable Development SIR# [redacted]

Project Type Description: Solar Development

Project Size* (acreage): 5,346 acres

Applicant/Landowner Name: RWE Clean Energy Development

County: McKean [redacted]

* Attach a copy of topographic map and a site sketch showing survey site and natural features identified.

Assessment Site Information [Areas within and at least 300 feet around the entire project area need to be assessed.]

Date: 29 June 2025 Time: 3:30

[redacted]

** The surveyor should use his/her judgement on the size of the area that a single assessment encompasses. **Additional assessment forms should be used to accurately describe and evaluate large contiguous areas by utilizing a separate form for separate habitat areas within the project boundaries. Each separate area assessed should be assigned a Site ID name that is referenced to the overall site sketch.**

Weather Conditions (Note: Assessment cannot be conducted in snow cover.)

Air temperature (°F) 78° % Cloud Cover 0

Habitat Description

General desc [redacted]

lan

Level of rem

de

Topographica

Slope (Degrees)

Aspect / (compass orientation, i.e., direction hillside faces)

Ground Cover:

% rocky ground cover: 0

% rocky ground cover that receives direct sunl [redacted]

List size range and shape of rocks (round, flat,

Are there rock outcrops or ledges present? No

Are boulder fields, and or talus/scree slopes present? No

Are flat gestation slabs present? No

Project Name Stargazer Renewable Development *Site ID #* [redacted] *(con't)*

Vegetative Composition:

% Tree Canopy Cover 0

Dominant species present in and surrounding the described habitat:

Trees: -black birch, red maple nearby

Shrubs: none

Other plant species of note: Mostly fern cover

Species Observations

Were herpetofauna species or their signs (e.g., sheds, scat, "forms") observed on-site (include timber rattlesnake observations)? If so, what species and how many?

None

Addit [redacted]

INVESTIGATOR'S OPINION

In your opinion, is there timber rattlesnake critical habitat? Yes ☑ or No ☐

If Yes, what timber rattlesnake critical habitat occurs in this area? See below.

Hibernaculum/Den Yes or No ☑

Gestation/Birthing Yes ✓ or N ☐

I certify that to the best of my knowledge, all of the information provided herein is accurate and complete.

[redacted] [redacted] 29 Jul 2025

Investigator's Name (print) **Investigator's Signature** **Date**

Reporting. The following items need to be submitted for review:

(1) Timber rattlesnake habitat assessment form.
(2) A project narrative/description, exact project location, equipment to be used in earth moving activities
(3) Color photographs of surveyed area showing: general panorama, rocky areas, and specimens observed.
(4) Site sketch showing the location and direction of photos taken.
(5) Topographic map showing location of area surveyed, the identified potential habitat delineated, the proposed project and associated boundaries.

Please mail these items to:

Natural Diversity Section
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

PENNSYLVANIA FISH & BOAT COMMISSION Division of Environmental Services--Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620

Timber Rattlesnake Habitat Assessment Form (revised 02/11/10)

Project Information

Project Property Name: Stargazer Renewable Development SIR# [redacted]

Project Type Description: Solar Development

Project Size* (acreage): 5.346 acres

Applicant/Landowner Name: RWE Clean Energy Development

County: McKean [redacted]

* Attach a copy of topographic map and a site sketch showing survey site and natural features identified.

Assessment Site Information [Areas within and at least 300 feet around the entire project area need to be assessed.]

Date: 30 June 2025 Time: 10:00

[redacted]

** The surveyor should use his/her judgement on the size of the area that a single assessment encompasses. **Additional assessment forms should be used to accurately describe and evaluate large contiguous areas by utilizing a separate form for separate habitat areas within the project boundaries. Each separate area assessed should be assigned a Site ID name that is referenced to the overall site sketch.**

Weather Conditions (Note: Assessment cannot be conducted in snow cover.)

Air temperature (°F) 80.1 % Cloud Cover 100% [redacted]

Habitat Description

General description: [redacted]

Ground Cover:

% rocky ground cover: 45-50%

% rocky ground cover that receives direct sunlight: 90%

List size range and shape of rocks (round, flat, etc.): Variable, some large slabs 8x16 most smaller and blocky and embedded

Are there rock outcrops or ledges present? Nc

Are boulder fields, and/or talus/scree slopes present? Y

Are flat gestation slabs present? Y

Project Name Stargazer Renewable Development *Site ID #* [redacted] *(con't)*

Vegetative Composition:

% Tree Canopy Cover C

Dominant species present in and surrounding the described habitat:

Trees: none in ROW, Hemlock, Blackberry, oak in adjacent forest

Shrubs: ~

Other plant species of note: ~

Species Observations

Were herpetofauna species or their signs (e.g., sheds, scat, "forms") observed on-site (include timber rattlesnake observations)? If so, what species and how many?

None

Additional Comments/Observations: (use additional sheets if necessary)

[redacted]

INVESTIGATOR'S OPINION

In your opinion, is there timber rattlesnake critical habitat? Yes ☑ or No ☐

If Yes, what timber rattlesnake critical habitat occurs in this area? See below.

Hibernaculum/Den Yes or No ☑

Gestation/Birthing Yes ☑ or N ☐

I certify that to the best of my knowledge, all of the information provided herein is accurate and complete.

[redacted] [redacted] 30 June 2025

Investigator's Name (print) **Investigator's Signature** **Date**

Reporting. The following items need to be submitted for review:

(1) Timber rattlesnake habitat assessment form.
(2) A project narrative/description, exact project location, equipment to be used in earth moving activities
(3) Color photographs of surveyed area showing: general panorama, rocky areas, and specimens observed.
(4) Site sketch showing the location and direction of photos taken.
(5) Topographic map showing location of area surveyed, the identified potential habitat delineated, the proposed project and associated boundaries.

Please mail these items to: **Natural Diversity Section**
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

PENNSYLVANIA FISH & BOAT COMMISSION
Division of Environmental Services--Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620

Timber Rattlesnake Habitat Assessment Form (revised 02/11/10)

Project Information
Project/Property Name: Stargazer Renewable Develop (Lakeland Parcel) SIR# [redacted]
Project Type/Description: Solar Development
Project Size* (acreage): [redacted]
Applicant/Landowner Na[redacted]
County: McKean
* Attach a copy of topogr[redacted]

Assessment Site Information [Areas within and at least 300 feet around the entire project area need to be assessed.]
Date: 14 May 2026 Time: 11:15
Site ID**: [redacted]
Latitude: [redacted]
Map Datum [redacted]
Assessment [redacted]

** The surveyor should use his/her judgement on the size of the area that a single assessment encompasses. **Additional assessment forms should be used to accurately describe and evaluate large contiguous areas by utilizing a separate form for separate habitat areas within the project boundaries. Each separate area assessed should be assigned a Site ID name that is referenced to the overall site sketch.**

Weather Conditions (Note: Assessment cannot be conducted in snow cover.)
Air temperature (°F) 51.3 % Cloud Cover 100%

Habitat Description
General description: [redacted]
Level of remoteness/na[redacted]
forest
Topographical descript[redacted]
Slope (Degree[redacted]
Aspect [redacted]
Ground Cover:
% rocky ground cover: 80%
% rocky ground cover that receives direct sunlight: [redacted]
List size range and shape of rocks (round, flat, etc.):
2"+ 2' to 4'x5'
Are there rock outcrops or ledges present? Y
Are boulder fields, and/or talus/scree slopes present? Y
Are flat gestation slabs present? N

Project Name [redacted] *(con't)*

Vegetative Composition:

% Tree Canopy Cover 60+90

Dominant species present in and surrounding the described habitat:

Trees: Am. beech, sugar maple, blackbirch, aspen, American hornbeam

Shrubs: hawthorn, saplings of above

Other plant species of note: Scotch pine plantation

Species Observations

Were herpetofauna species or their signs (e.g., sheds, scat, "forms") observed on-site (include timber rattlesnake observations)? If so, what species and how many?

Redbacked salamanders

Additional Comments/Observations: (use additional sheets if necessary)

INVESTIGATOR'S OPINION

In your opinion, is there timber rattlesnake critical habitat? Yes☐ or No☐

If Yes, what timber rattlesnake critical habitat occurs in this area? See below.

Hibernaculum/Den Yes☑ or No☐

Gestation/Birthing Yes☐ or No☑

I certify that to the best of my knowledge, all of the information provided herein is accurate and complete.

[redacted] [redacted] 15 May 2026

Investigator's Name (print) **Investigator's Signature** **Date**

Reporting, The following items need to be submitted for review:

(1) Timber rattlesnake habitat assessment form.
(2) A project narrative/description, exact project location, equipment to be used in earth moving activities
(3) Color photographs of surveyed area showing: general panorama, rocky areas, and specimens observed.
(4) Site sketch showing the location and direction of photos taken.
(5) Topographic map showing location of area surveyed, the identified potential habitat delineated, the proposed project and associated boundaries.

Please mail these items to:

Natural Diversity Section
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

PENNSYLVANIA FISH & BOAT COMMISSION
Division of Environmental Services--Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620

Timber Rattlesnake Habitat Assessment Form (revised 02/11/10)

Project Information
Project/Property Name: Stargazer Renewable Development SIR# [redacted]
Project Type/Description: Solar Development
Project Size* (acreage): 209 (Okelland Parcel)
Applicant/Landowner Name: RWE Clean Energy Development
County: Mckean Quad: [redacted]
* Attach a copy of topographic map [redacted]

Assessment Site Information [Areas within and at least 300 feet around the entire project area need to be assessed.]
Date: 14 May 2026 Time: 1234
Site ID**: [redacted]
Latitude: [redacted]
Map Datum U[redacted]
Assessment S[redacted]

** The surveyor should use his/her judgement on the size of the area that a single assessment encompasses. **Additional assessment forms should be used to accurately describe and evaluate large contiguous areas by utilizing a separate form for separate habitat areas within the project boundaries. Each separate area assessed should be assigned a Site ID name that is referenced to the overall site sketch.**

Weather Conditions (Note: Assessment cannot be conducted in snow cover.)
Air temperature (°F) 52.1 % Cloud Cover 100%

Hab [redacted]
Gen[redacted]
Lev[redacted]
Top[redacted]

Slope (Degrees) 20°
Aspect SE (compass orientation, i.e., direction hillside faces)

Ground Cover:

% rocky ground cover: 50%

[redacted]

Are boulder fields, and or talus scree slopes present? [redacted]
Are flat gestation slabs present? Y

Project Name Stargazer Renewable Develop (Okuslund Parcel) *Site ID #* [redacted] *(con't)*

Vegetative Composition:

% Tree Canopy Cover None directly above

Dominant species present in and surrounding the described habitat:

Trees: _____

Shrubs: Birch saplings

Other plant species of note: forbs, Mayapple, grasses

Species Observations

Were herpetofauna species or their signs (e.g., sheds, scat, "forms") observed on-site (include timber rattlesnake observations)? If so, what species and how many?

NO

Additional Comments/Observations: (use additional sheets if necessary)

INVESTIGATOR'S OPINION

In your opinion, is there timber rattlesnake critical habitat? Yes☐ or No☐
If Yes, what timber rattlesnake critical habitat occurs in this area? See below.

Hibernaculum/Den Yes☐ or No☑
Gestation/Birthing Yes☑ or No☐

I certify that to the best of my knowledge, all of the information provided herein is accurate and complete.

[redacted] [redacted] 15 May 2026

Investigator's Name (print) **Investigator's Signature** **Date**

Reporting. The following items need to be submitted for review:

(1) Timber rattlesnake habitat assessment form.
(2) A project narrative/description, exact project location, equipment to be used in earth moving activities
(3) Color photographs of surveyed area showing: general panorama, rocky areas, and specimens observed.
(4) Site sketch showing the location and direction of photos taken.
(5) Topographic map showing location of area surveyed, the identified potential habitat delineated, the proposed project and associated boundaries.

Please mail these items to: **Natural Diversity Section**
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823