

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS species of special concern.

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## **APPENDIX D**

### Survey Data Sheets

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):** -

**Survey End Time (hh:mm 24hr):** -

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Did any raptors respond to broadcasts?** No

**Raptor response notes:**

**Additional Notes:**

DBS was previously completed on 7/18/23 in another form. Do not use DBS data from this form. Form is for the TVES only.

**Do you need to record data for another DBS?**

No

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** B

**Starting Point:** Northeast

**Survey Start Time (hh:mm 24hr):** 0832

**Survey End Time (hh:mm 24hr):** 1030

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

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## Field Data Sheet



Forest Raptor Survey Data Sheet

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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

### Weather Conditions at End of Survey

Temperature (°F): 73

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

### Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?

No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Were any survey transects excluded due to access, safety, and/or visual constraints?

No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES

(Alpha Codes or Common Names):

BCCH, NOFL, GCFL, EATO, BLJA, AMRO, COYE, EAWP, HETH, NOCA, REVI, WBNU, GRCA, AMGO, AMCR, MODO, TUVU, RUGR, NOFL, HAWO

Surveyor Initials:

FS

Overall Survey Notes:

This survey form is for the TVES at hexagon B only.

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: fsimeone@edrdpc.com

Submitted Time: July 21, 2023 9:32 AM

### Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: July 20, 2023

Surveyor First and Last Name(s): Frank Simeone, Anna Butler, James Kearney

Sampling Hexagons Surveyed: C

Overall Start Time (hh:mm 24hr): 1105

Overall End Time (hh:mm 24hr): 1530

### Weather Conditions at Start of Survey

Temperature (°F): 74

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSE

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Do you need to record data for a Diurnal Broadcast Survey (DBS)?

Yes

### Diurnal Broadcast Survey (DBS)

Sampling Hexagon ID: C

Starting Point: NE

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):** 1129

**Survey End Time (hh:mm 24hr):** 1516

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



Forest Raptor Survey Data Sheet

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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Did any raptors respond to broadcasts?** No

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**  
No

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**  
No

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:**

**Starting Point:**

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

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## Field Data Sheet

**Raptor sign notes:**

**Additional Notes:**

**Do you need to record data for another TVES?**

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

Weather Conditions at End of Survey

Temperature (°F): 76

Wind Speed (mph): 0 - 1 (Calm; Smoke rises vertically)

Wind Direction: ESE

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)? No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Were any survey transects excluded due to access, safety, and/or visual constraints?

No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES

(Alpha Codes or Common Names):

BLJA, COYE, BCCH, DEJU, HETH, AMCR, AMRO, SCTA, REVI, NOFL, NOCA, GCFL, GRCA

Surveyor Initials:

FS

Overall Survey Notes:

DBS hexagon C only

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: bsmith@edrdpc.com

Submitted Time: July 25, 2023 2:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: July 25, 2023

Surveyor First and Last Name(s): Brooke Smith, Sam Beguin, Max Baber

Sampling Hexagons Surveyed: E

Overall Start Time (hh:mm 24hr): 1045

Overall End Time (hh:mm 24hr): 1424

Weather Conditions at Start of Survey

Temperature (°F): 72

Wind Speed (mph): 0 - 1 (Calm; Smoke rises vertically)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Do you need to record data for a Diurnal Broadcast Survey (DBS)?

Yes

Diurnal Broadcast Survey (DBS)

Sampling Hexagon ID: E

Starting Point: Northwest

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):** 1046

**Survey End Time (hh:mm 24hr):** 1400

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



Forest Raptor Survey Data Sheet

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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** Yes

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Did any raptors respond to broadcasts?** No

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

No

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

No

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:**

**Starting Point:**

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

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## Field Data Sheet

**Raptor sign notes:**

**Additional Notes:**

**Do you need to record data for another TVES?**

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

### Weather Conditions at End of Survey

Temperature (°F): 76

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

### Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?

No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Were any survey transects excluded due to access, safety, and/or visual constraints?

No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES

(Alpha Codes or Common Names):

REVI COYE AMGO WOTH RBGR AMCR HOWA CEDW EUST TUTI SCTA EAWP BLJA FISP  
OVEN SOSP AMRO HAWO RBWO TUVU NOCA RTHU

Surveyor Initials:

BS

Overall Survey Notes:

N/A

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: fsimeone@edrdpc.com

Submitted Time: July 25, 2023 5:41 PM

### Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: July 25, 2023

Surveyor First and Last Name(s): Frank Simeone, Anna Butler

Sampling Hexagons Surveyed: C

Overall Start Time (hh:mm 24hr): 0815

Overall End Time (hh:mm 24hr): 1039

### Weather Conditions at Start of Survey

Temperature (°F): 63

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Do you need to record data for a Diurnal Broadcast Survey (DBS)?

No

### Diurnal Broadcast Survey (DBS)

Sampling Hexagon ID:

Starting Point:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID: C**

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## Field Data Sheet

**Starting Point:** Northeast

**Survey Start Time (hh:mm 24hr):** 0832

**Survey End Time (hh:mm 24hr):** 1028

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**

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## Field Data Sheet

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

Weather Conditions at End of Survey

Temperature (°F): 70

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)? No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

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## Field Data Sheet

Were any survey transects excluded due to access, safety, and/or visual constraints?

No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES

(Alpha Codes or Common Names):

AMCR, WOTH, OVEN, AMGO, BLJA, BCCH, WBNU, NOCA, REVI, AMRO, COYE, BWWA, GCFL, INBU, NOFL, RBWO,

Surveyor Initials:

FS

Overall Survey Notes:

No signs

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: abutler@edrdpc.com

Submitted Time: July 26, 2023 11:01 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: July 25, 2023

Surveyor First and Last Name(s): Anna Butler, Frank Simeone, James Kearney

Sampling Hexagons Surveyed: A

Overall Start Time (hh:mm 24hr): 1118

Overall End Time (hh:mm 24hr): 1520

Weather Conditions at Start of Survey

Temperature (°F): 75

Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Do you need to record data for a Diurnal Broadcast Survey (DBS)?

Yes

Diurnal Broadcast Survey (DBS)

Sampling Hexagon ID: A

Starting Point: Southeast

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):** 1118

**Survey End Time (hh:mm 24hr):** 1520

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Did any raptors respond to broadcasts?** No

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## Field Data Sheet

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**  
No

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**  
No

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:**

**Starting Point:**

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

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## Field Data Sheet

**Raptor sign notes:**

**Additional Notes:**

**Do you need to record data for another TVES?**

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

### Weather Conditions at End of Survey

Temperature (°F): 79

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

### Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)? No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

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## Field Data Sheet

Were any survey transects excluded due to access, safety, and/or visual constraints?

No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES

(Alpha Codes or Common Names):

WOTH, AMRO, EATO, EAWP, BCCH, BLJA, REVI, GCFL, COYE, CEWA, AMGO, CORA, WBNU, FISP, VEER, DOWO, NOFL, SCTA

Surveyor Initials:

AB, FS, JK

Overall Survey Notes:

None

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: jkearney@edrdpc.com

Submitted Time: July 26, 2023 6:22 PM

### Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: July 26, 2023

Surveyor First and Last Name(s): James Kearney, Max Baber, Frank Simeone

Sampling Hexagons Surveyed: G

Overall Start Time (hh:mm 24hr): 0836

Overall End Time (hh:mm 24hr): 1233

### Weather Conditions at Start of Survey

Temperature (°F): 65

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SE

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Do you need to record data for a Diurnal Broadcast Survey (DBS)?

Yes

### Diurnal Broadcast Survey (DBS)

Sampling Hexagon ID: G

Starting Point: Southwest

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID: E**

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## Field Data Sheet

**Starting Point:** Northwest

**Survey Start Time (hh:mm 24hr):** 1322

**Survey End Time (hh:mm 24hr):** 1607

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** Yes

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

### Weather Conditions at End of Survey

Temperature (°F): 82

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

### Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)? No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Were any survey transects excluded due to access, safety, and/or visual constraints?

No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES

(Alpha Codes or Common Names):

FISP, AMGO, SOSP, RWBL, EAWP, AMCR, WOTH, REVI, BLJA

Surveyor Initials:

AB, KO

Overall Survey Notes:

None

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: fsimeone@edrdpc.com

Submitted Time: July 31, 2023 12:00 PM

### Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: July 28, 2023

Surveyor First and Last Name(s): Frank Simeone, Jess DeToy, Anna Butler

Sampling Hexagons Surveyed: I

Overall Start Time (hh:mm 24hr): 0911

Overall End Time (hh:mm 24hr): 1604

### Weather Conditions at Start of Survey

Temperature (°F): 73

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Do you need to record data for a Diurnal Broadcast Survey (DBS)?

Yes

### Diurnal Broadcast Survey (DBS)

Sampling Hexagon ID: I

Starting Point: Northeast

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):** 0933

**Survey End Time (hh:mm 24hr):** 1327

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Did any raptors respond to broadcasts?** No

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Raptor response notes:**

**Additional Notes:**  
WITU feather found

**Do you need to record data for another DBS?**  
No

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**  
Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** I

**Starting Point:** Northeast

**Survey Start Time (hh:mm 24hr):** 1345

**Survey End Time (hh:mm 24hr):** 1546

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS species of special concern.





## Field Data Sheet

### Excluded survey transects:

#### Incidental bird species observed outside of timed DBS/TVES

##### (Alpha Codes or Common Names):

AMGO, EAWP, NOCA, AMCR, BLJA, BCCH, REVI, TUVU, GCFL, SOSP, AMRO, MODO, GHOW, DOWO, HAWO, NOFL, SCTA, WBNU,

#### Surveyor Initials:

FS

#### Overall Survey Notes:

WITU and AMCR primary feather found

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: jkearney@edrdpc.com

Submitted Time: August 1, 2023 10:44 PM

### Survey Information

**Project Name:** 21028 - Hoffman Falls

**Survey Date:** August 1, 2023

**Surveyor First and Last Name(s):** James Kearney

**Sampling Hexagons Surveyed:** G

**Overall Start Time (hh:mm 24hr):** 1012

**Overall End Time (hh:mm 24hr):** 1343

### Weather Conditions at Start of Survey

**Temperature (°F):** 64

**Wind Speed (mph):** 1 - 3 (Light Air; Smoke drifts)

**Wind Direction:** N

**Cloud Cover:** Mostly Clear (10-25%)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Do you need to record data for a Diurnal Broadcast Survey (DBS)?**

No

### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:**

**Starting Point:**

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** G

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## Field Data Sheet

**Starting Point:** Southwest

**Survey Start Time (hh:mm 24hr):** 1030

**Survey End Time (hh:mm 24hr):** 1333

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



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## Field Data Sheet



Were any T&E species observed? No

Were any SSC observed? No

Were any target forest raptors observed? No

Were any other raptors (not T&E, SSC, or target) observed? No

Were any raptor signs observed? No

Raptor sign notes:

Additional Notes:

Do you need to record data for another TVES?

No

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID:

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

Subplot Radius/Dimensions (meters):

Estimated Herbaceous Plant Cover (including graminoids; %):

Estimated Shrub Cover (%):

Estimated Tree Cover (%):

Estimated Rock Cover (%):

Estimated Litter Cover (%):

Estimated Bare Ground (%):

Estimated Canopy Cover (%):

Litter Depth (Average of Three Locations; inches):

Dominant Woody Plant Species (Common Names):

Average Tree Trunk Diameter at Breast Height (inches):

Snags present?

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance:

Estimated Proximity to Water (Stream, Pond, or Wetland):

Estimated Proximity to Forest Edge:

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Additional Notes:

Do you need to record forest habitat data for another sampling hexagon?

Weather Conditions at End of Survey

Temperature (°F): 68

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)? No

Were any target forest raptor species observed?

No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?

No

Additional Photo(s):

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## Field Data Sheet

**Were any survey transects excluded due to access, safety, and/or visual constraints?**  
No

**Excluded survey transects:**

**Incidental bird species observed outside of timed DBS/TVES**

**(Alpha Codes or Common Names):**

BLJA, REVI, NOFL, COYE, AMGO, BCCH, CEDW, WBNU, GRCA, EATO, AMRO, SOSP, INBU, RUGR, NOCA

**Surveyor Initials:**

JCK

**Overall Survey Notes:**

N/A



## Field Data Sheet

### Forest Raptor Survey

Submitted By: fsimeone@edrdpc.com

Submitted Time: August 2, 2023 5:38 PM

### Survey Information

**Project Name:** 21028 - Hoffman Falls

**Survey Date:** August 1, 2023

**Surveyor First and Last Name(s):** Frank Simeone, Anna Butler, Max Baber

**Sampling Hexagons Surveyed:** F

**Overall Start Time (hh:mm 24hr):** 0910

**Overall End Time (hh:mm 24hr):** 1545

### Weather Conditions at Start of Survey

**Temperature (°F):** 60

**Wind Speed (mph):** 1 – 3 (Light Air; Smoke drifts)

**Wind Direction:** NW

**Cloud Cover:** None (Clear)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Do you need to record data for a Diurnal Broadcast Survey (DBS)?**

Yes

### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:** F

**Starting Point:** Northwest



## Field Data Sheet

**Survey Start Time (hh:mm 24hr):** 0926

**Survey End Time (hh:mm 24hr):** 1316

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Did any raptors respond to broadcasts?** No





## Field Data Sheet

### Raptor response notes:

#### Additional Notes:

WITU feather

#### Do you need to record data for another DBS?

No

#### Do you need to record data for a Terrestrial Visual Survey (TVES)?

Yes

### Terrestrial Visual Encounter Survey (TVES)

#### Sampling Hexagon ID: F

#### Starting Point: Northwest

#### Survey Start Time (hh:mm 24hr): 1330

#### Survey End Time (hh:mm 24hr): 1529

#### Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:



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## Field Data Sheet



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## Field Data Sheet

#### Were any T&E species observed? No

#### Were any SSC observed? No

#### Were any target forest raptors observed? No

#### Were any other raptors (not T&E, SSC, or target) observed? No

#### Were any raptor signs observed? No

#### Raptor sign notes:

#### Additional Notes:

WITU feather

#### Do you need to record data for another TVES?

No

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## Field Data Sheet

### Do you need to record forest habitat data?

### Forest Habitat Conditions

#### Sampling Hexagon ID:

#### Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:

#### Subplot Radius/Dimensions (meters):

#### Estimated Herbaceous Plant Cover (including graminoids; %):

#### Estimated Shrub Cover (%):

#### Estimated Tree Cover (%):

#### Estimated Rock Cover (%):

#### Estimated Litter Cover (%):

#### Estimated Bare Ground (%):

#### Estimated Canopy Cover (%):

#### Litter Depth (Average of Three Locations; inches):

#### Dominant Woody Plant Species (Common Names):

#### Average Tree Trunk Diameter at Breast Height (inches):

#### Snags present?

#### Snag Characteristics/Notes:

#### Observed Forest Management Practices/Disturbance:

#### Estimated Proximity to Water (Stream, Pond, or Wetland):

#### Estimated Proximity to Forest Edge:

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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS species of special concern.



## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID: E**

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## Field Data Sheet

**Starting Point:** Northeast

**Survey Start Time (hh:mm 24hr):** 1338

**Survey End Time (hh:mm 24hr):** 1515

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** Yes

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID: E

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:



Forest Raptor Survey Data Sheet

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## Field Data Sheet



Subplot Radius/Dimensions (meters): 7.3

Estimated Herbaceous Plant Cover (including graminoids; %): 90-100%

Estimated Shrub Cover (%): 25-50%

Estimated Tree Cover (%): 10-25%

Estimated Rock Cover (%): 1-10%

Estimated Litter Cover (%): 90-100%

Estimated Bare Ground (%): 1-10%

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Estimated Canopy Cover (%): 90-100%

Litter Depth (Average of Three Locations; inches): 1-3"

Dominant Woody Plant Species (Common Names): Raspberry, Sugar Maple, Beech, Green Ash

Average Tree Trunk Diameter at Breast Height (inches): 5-7"

Snags present? Yes

Snag Characteristics/Notes:  
Broken Top, Loose Bark, Missing Bark

Observed Forest Management Practices/Disturbance: Logging Roads  
Estimated Proximity to Water (Stream, Pond, or Wetland): 75

Estimated Proximity to Forest Edge: 95

Additional Notes:  
N/A

Do you need to record forest habitat data for another sampling hexagon?  
No

Weather Conditions at End of Survey

Temperature (°F): 70

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

Bird Observation Summary

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Were any T&E species observed?  
No

Were any SSC observed?  
No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?  
No

Were any target forest raptor species observed?  
No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?  
No

Additional Photo(s):

Were any survey transects excluded due to access, safety, and/or visual constraints?  
No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES (Alpha Codes or Common Names):  
EAWP AMRO WBNU

Surveyor Initials:  
BS

Overall Survey Notes:  
N/A

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: jkearney@edrdpc.com  
Submitted Time: August 2, 2023 5:21 PM

#### Survey Information

**Project Name:** 21028 - Hoffman Falls  
**Survey Date:** August 2, 2023  
**Surveyor First and Last Name(s):** James Kearney, Anna Butler  
**Sampling Hexagons Surveyed:** C  
**Overall Start Time (hh:mm 24hr):** 1004  
**Overall End Time (hh:mm 24hr):** 1346

#### Weather Conditions at Start of Survey

**Temperature (°F):** 67  
**Wind Speed (mph):** 1 – 3 (Light Air; Smoke drifts)  
**Wind Direction:** ESE  
**Cloud Cover:** Mostly Clear (10-25%)  
**Visibility:** Good (10+ miles; clear)  
**Precipitation:** None (Clear)  
**Weather Notes:**

**Do you need to record data for a Diurnal Broadcast Survey (DBS)?**  
No

#### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:**  
**Starting Point:**



## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**  
Yes

#### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** C



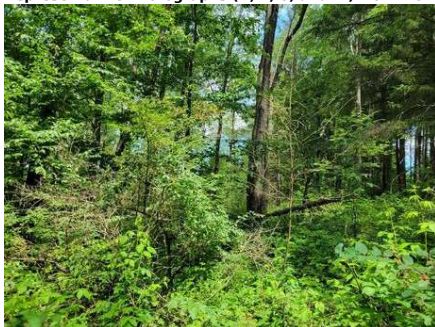
## Field Data Sheet

**Starting Point:** Southwest

**Survey Start Time (hh:mm 24hr):** 1026

**Survey End Time (hh:mm 24hr):** 1251

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**







## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**

Unknown feather found

**Do you need to record data for another TVES?**

No



## Field Data Sheet

**Do you need to record forest habitat data?**

**Forest Habitat Conditions**

**Sampling Hexagon ID:** C

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



## Field Data Sheet



## Field Data Sheet



**Subplot Radius/Dimensions (meters):** 7.3

**Estimated Herbaceous Plant Cover (including graminoids; %):** 50-90%

**Estimated Shrub Cover (%):** 25-50%

**Estimated Tree Cover (%):** 1-10%

**Estimated Rock Cover (%):** 1-10%

**Estimated Litter Cover (%):** 10-25%

**Estimated Bare Ground (%):** None

**Estimated Canopy Cover (%):** 50-90%

**Litter Depth (Average of Three Locations; inches):** 0-1"

**Dominant Woody Plant Species (Common Names):** Honeysuckle, American beech, green ash, American hophornbeam, Norway spruce, black cherry

**Average Tree Trunk Diameter at Breast Height (inches):** 5-7"



## Field Data Sheet

**Snags present?** Yes

**Snag Characteristics/Notes:**

Broken Top, Large (> 12 inches in Diameter) Broken Limbs, Loose Bark, Missing Bark

**Observed Forest Management Practices/Disturbance:** Tree Stumps

**Estimated Proximity to Water (Stream, Pond, or Wetland):** 160

**Estimated Proximity to Forest Edge:** 250

**Additional Notes:**

Forest edge measured to road.

**Do you need to record forest habitat data for another sampling hexagon?**

No

### Weather Conditions at End of Survey

**Temperature (°F):** 72

**Wind Speed (mph):** 1 – 3 (Light Air; Smoke drifts)

**Wind Direction:** WSW

**Cloud Cover:** Partly Cloudy (25% - 50%)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Were there any notable weather events/changes during the survey?** No

**If Yes, Describe (Notes):**

### Bird Observation Summary

**Were any T&E species observed?**

No

**Were any SSC observed?**

No

**Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?**



## Field Data Sheet

No

**Were any target forest raptor species observed?**

No

**Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?**

No

**Additional Photo(s):**

**Were any survey transects excluded due to access, safety, and/or visual constraints?**

No

**Excluded survey transects:**

**Incidental bird species observed outside of timed DBS/TVES (Alpha Codes or Common Names):**

EATO, BLJA, BCCH, CEDW, NOFL, COYE, WOTH, COGR, WBNU, CORA, AMRO, AMCR, REVI, SOSP, GRCA

**Surveyor Initials:**

JCK, AB

**Overall Survey Notes:**

n/a



## Field Data Sheet

### Forest Raptor Survey

Submitted By: fsimeone@edrdpc.com

Submitted Time: August 2, 2023 5:38 PM

### Survey Information

**Project Name:** 21028 - Hoffman Falls

**Survey Date:** August 2, 2023

**Surveyor First and Last Name(s):** Frank Simeone, Max Baber

**Sampling Hexagons Surveyed:** 1

**Overall Start Time (hh:mm 24hr):** 0816

**Overall End Time (hh:mm 24hr):** 1052

### Weather Conditions at Start of Survey

**Temperature (°F):** 53

**Wind Speed (mph):** 1 – 3 (Light Air; Smoke drifts)

**Wind Direction:** SSE

**Cloud Cover:** None (Clear)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Do you need to record data for a Diurnal Broadcast Survey (DBS)?**

No

### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:**

**Starting Point:**



## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** 1



## Field Data Sheet

**Starting Point:** Southeast

**Survey Start Time (hh:mm 24hr):** 0825

**Survey End Time (hh:mm 24hr):** 1025

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**

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## Field Data Sheet

Unknown non raptor feather found

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

**Do you need to record forest habitat data?**

**Forest Habitat Conditions**

**Sampling Hexagon ID:** I

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS species of special concern.





## Field Data Sheet

### Excluded survey transects:

#### Incidental bird species observed outside of timed DBS/TVES

##### (Alpha Codes or Common Names):

SOSP, REVI, RWBL, AMGO, EAWP, GRCA, MODO, AMRO, GCFL, DEJU, EATO, YBSA, EAPH, BCCH,

#### Surveyor Initials:

FS

#### Overall Survey Notes:

Non raptor feather found

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: mbaber@edrdpc.com

Submitted Time: August 2, 2023 6:39 PM

### Survey Information

**Project Name:** 21028 - Hoffman Falls

**Survey Date:** August 2, 2023

**Surveyor First and Last Name(s):** Max Baber, Frank Simeone

**Sampling Hexagons Surveyed:** H

**Overall Start Time (hh:mm 24hr):** 1115

**Overall End Time (hh:mm 24hr):** 1330

### Weather Conditions at Start of Survey

**Temperature (°F):** 68

**Wind Speed (mph):** 1 – 3 (Light Air; Smoke drifts)

**Wind Direction:** WSW

**Cloud Cover:** Mostly Clear (10-25%)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

### Do you need to record data for a Diurnal Broadcast Survey (DBS)?

No

### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:**

**Starting Point:**

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** H

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Starting Point:** Southeast

**Survey Start Time (hh:mm 24hr):** 1115

**Survey End Time (hh:mm 24hr):** 1315

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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Were any T&E species observed? No  
Were any SSC observed? No  
Were any target forest raptors observed? No  
Were any other raptors (not T&E, SSC, or target) observed? No  
Were any raptor signs observed? No  
Raptor sign notes:  
Additional Notes:

Do you need to record data for another TVES?  
No

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID: H

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:



Subplot Radius/Dimensions (meters): 7.3  
Estimated Herbaceous Plant Cover (including graminoids; %): 50-90%  
Estimated Shrub Cover (%): None  
Estimated Tree Cover (%): 1-10%  
Estimated Rock Cover (%): 1-10%  
Estimated Litter Cover (%): 25-50%  
Estimated Bare Ground (%): 25-50%



## Field Data Sheet

**Estimated Canopy Cover (%):** 90-100%

**Litter Depth (Average of Three Locations; inches):** 1-3"

**Dominant Woody Plant Species (Common Names):** Maple, ash, hawthorn

**Average Tree Trunk Diameter at Breast Height (inches):** 5-7"

**Snags present?** No

**Snag Characteristics/Notes:**

**Observed Forest Management Practices/Disturbance:** None notable, Automobile/ATV/Other Vehicle Noise, Logging Roads, Tree Stumps  
**Estimated Proximity to Water (Stream, Pond, or Wetland):** 450

**Estimated Proximity to Forest Edge:** 113

### Additional Notes:

Old logging road 4 meters from edge of habitat sampling area; old tree stumps outside of sampling area

**Do you need to record forest habitat data for another sampling hexagon?**  
No

### Weather Conditions at End of Survey

**Temperature (°F):** 73

**Wind Speed (mph):** 4 – 7 (Light Breeze; Leaves rustle)

**Wind Direction:** WNW

**Cloud Cover:** Mostly Cloudy (50% - 90%)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Were there any notable weather events/changes during the survey?** No

**If Yes, Describe (Notes):**



## Field Data Sheet

### Bird Observation Summary

**Were any T&E species observed?**

No

**Were any SSC observed?**

No

**Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?**  
No

**Were any target forest raptor species observed?**

No

**Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?**  
No

**Additional Photo(s):**

**Were any survey transects excluded due to access, safety, and/or visual constraints?**

No

**Excluded survey transects:**

**Incidental bird species observed outside of timed DBS/TVES (Alpha Codes or Common Names):**

COYE, SOS, NOCA, CEDW, WTSP, AMCR, AMRO, DEJU, AMGO, NOFL, BLJA, MODO, REVI, GCFL, WBNU, EAWP,

**Surveyor Initials:**

MD, FS

**Overall Survey Notes:**

TVES and habitat analysis



## Field Data Sheet

### Forest Raptor Survey

Submitted By: abutler@edrdpc.com

Submitted Time: August 4, 2023 11:14 AM

### Survey Information

**Project Name:** 21028 - Hoffman Falls

**Survey Date:** August 2, 2023

**Surveyor First and Last Name(s):** Anna Butler, James Kearney

**Sampling Hexagons Surveyed:** B

**Overall Start Time (hh:mm 24hr):** 1345

**Overall End Time (hh:mm 24hr):** 1620

### Weather Conditions at Start of Survey

**Temperature (°F):** 72

**Wind Speed (mph):** 1 – 3 (Light Air; Smoke drifts)

**Wind Direction:** WNW

**Cloud Cover:** Partly Cloudy (25% - 50%)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Do you need to record data for a Diurnal Broadcast Survey (DBS)?**

No

### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:**

**Starting Point:**



## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID:** B

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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID: A**

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## Field Data Sheet

**Starting Point:** Northeast

**Survey Start Time (hh:mm 24hr):** 0917

**Survey End Time (hh:mm 24hr):** 1219

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

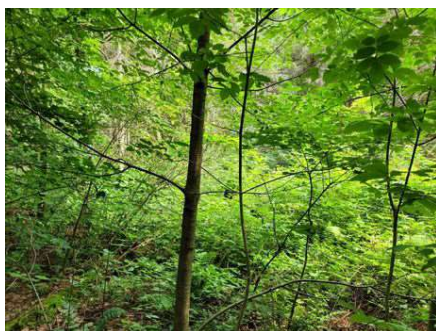


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## Field Data Sheet



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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** Yes

**Raptor sign notes:** Possible raptor feathers found. Multiple feathers found in one area.

**Additional Notes:**

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

Do you need to record forest habitat data?

Forest Habitat Conditions

Sampling Hexagon ID: A

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:



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## Field Data Sheet



Forest Raptor Survey Data Sheet

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## Field Data Sheet



Subplot Radius/Dimensions (meters): 7.3

Estimated Herbaceous Plant Cover (including graminoids; %): 25-50%

Estimated Shrub Cover (%): 25-50%

Estimated Tree Cover (%): 25-50%

Estimated Rock Cover (%): None

Estimated Litter Cover (%): 90-100%

Estimated Bare Ground (%): None

Estimated Canopy Cover (%): 50-90%

Litter Depth (Average of Three Locations; inches): 0-1"

Dominant Woody Plant Species (Common Names): White ash, black cherry, red maple, eastern cottonwood, dogwood sp, spruce sp

Average Tree Trunk Diameter at Breast Height (inches): 5-7"

Forest Raptor Survey Data Sheet

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## Field Data Sheet

Snags present? No

Snag Characteristics/Notes:

Observed Forest Management Practices/Disturbance: Tree Stumps, Other (Describe in Notes)

Estimated Proximity to Water (Stream, Pond, or Wetland): 105

Estimated Proximity to Forest Edge: 249

Additional Notes:

Patch clear cuts for deer present. Subplot half sapling half Rubus

Do you need to record forest habitat data for another sampling hexagon?

No

Weather Conditions at End of Survey

Temperature (°F): 74

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

If Yes, Describe (Notes): Isolated rain shower during survey

Bird Observation Summary

Were any T&E species observed?

No

Were any SSC observed?

No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?

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## Field Data Sheet

**Starting Point:** Southwest

**Survey Start Time (hh:mm 24hr):** 0915

**Survey End Time (hh:mm 24hr):** 1116

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**



## Field Data Sheet

**Do you need to record data for another TVES?**  
No



## Field Data Sheet

**Do you need to record forest habitat data?**

**Forest Habitat Conditions**

**Sampling Hexagon ID:** G

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

### Terrestrial Visual Encounter Survey (TVES)

**Sampling Hexagon ID: F**

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## Field Data Sheet

**Starting Point:** Northwest

**Survey Start Time (hh:mm 24hr):** 1158

**Survey End Time (hh:mm 24hr):** 1401

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

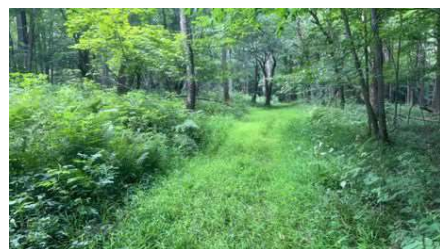


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## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** Yes

**Raptor sign notes:** Old buteo feather

**Additional Notes:**

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## Field Data Sheet

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

Do you need to record forest habitat data?

### Forest Habitat Conditions

Sampling Hexagon ID: F

Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:



Forest Raptor Survey Data Sheet

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## Field Data Sheet



Subplot Radius/Dimensions (meters): 7.3

Estimated Herbaceous Plant Cover (including graminoids; %): 50-90%

Estimated Shrub Cover (%): 1-10%

Estimated Tree Cover (%): 10-25%

Estimated Rock Cover (%): 1-10%

Estimated Litter Cover (%): 50-90%

Estimated Bare Ground (%): 1-10%

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## Field Data Sheet

Estimated Canopy Cover (%): 50-90%

Litter Depth (Average of Three Locations; inches): 1-3"

Dominant Woody Plant Species (Common Names): American beech, black cherry, American hophornbeam, sugar maple, green ash

Average Tree Trunk Diameter at Breast Height (inches): 7+"

Snags present? Yes

Snag Characteristics/Notes:  
Conks, Broken Top, Loose Bark, Missing Bark

Observed Forest Management Practices/Disturbance: Hunting Activity, Logging Roads, Tree Stumps

Estimated Proximity to Water (Stream, Pond, or Wetland): 530

Estimated Proximity to Forest Edge: 210

Additional Notes:  
Limited understory

Do you need to record forest habitat data for another sampling hexagon?  
No

### Weather Conditions at End of Survey

Temperature (°F): 77

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes:

Were there any notable weather events/changes during the survey? No

If Yes, Describe (Notes):

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Bird Observation Summary

Were any T&E species observed?  
No

Were any SSC observed?  
No

Were probable, possible, or confirmed breeding behaviors observed for any state-listed species (endangered/threatened/special concern)?  
No

Were any target forest raptor species observed?  
No

Were there additional photos documenting birds observed, habitat conditions, raptor signs, and/or other features of interest?  
No

Additional Photo(s):

Were any survey transects excluded due to access, safety, and/or visual constraints?  
No

Excluded survey transects:

Incidental bird species observed outside of timed DBS/TVES (Alpha Codes or Common Names):  
HAWO, BCCH, EAWP, WBNU, WOTH, CEWA, SCTA, HETH, REVI

Surveyor Initials:  
AB, FS

Overall Survey Notes:  
BWAH heard calling.

Forest Raptor Survey Data Sheet

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## Field Data Sheet

### Forest Raptor Survey

Submitted By: bsmith@edrdpc.com  
Submitted Time: August 9, 2023 11:51 AM

#### Survey Information

**Project Name:** 21028 - Hoffman Falls  
**Survey Date:** August 3, 2023  
**Surveyor First and Last Name(s):** Brooke Smith, Kailey O'Donnell  
**Sampling Hexagons Surveyed:** D  
**Overall Start Time (hh:mm 24hr):** 0932  
**Overall End Time (hh:mm 24hr):** 1120

#### Weather Conditions at Start of Survey

**Temperature (°F):** 66  
**Wind Speed (mph):** 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)  
**Wind Direction:** S  
**Cloud Cover:** Overcast (90-100%)  
**Visibility:** Good (10+ miles; clear)  
**Precipitation:** None (Clear)  
**Weather Notes:**

**Do you need to record data for a Diurnal Broadcast Survey (DBS)?**

No

#### Diurnal Broadcast Survey (DBS)

**Sampling Hexagon ID:**

**Starting Point:**



## Field Data Sheet

**Survey Start Time (hh:mm 24hr):**

**Survey End Time (hh:mm 24hr):**

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**

**Were any T&E species observed?**

**Were any SSC observed?**

**Were any target forest raptors observed?**

**Were any other raptors (not T&E, SSC, or target) observed?**

**Were any raptor signs observed?**

**Raptor sign notes:**

**Did any raptors respond to broadcasts?**

**Raptor response notes:**

**Additional Notes:**

**Do you need to record data for another DBS?**

**Do you need to record data for a Terrestrial Visual Survey (TVES)?**

Yes

#### Terrestrial Visual Encounter Survey (TVES)



## Field Data Sheet

**Sampling Hexagon ID:** D

**Starting Point:** Southwest

**Survey Start Time (hh:mm 24hr):** 0930

**Survey End Time (hh:mm 24hr):** 1050

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



## Field Data Sheet



**Were any T&E species observed?** No

**Were any SSC observed?** No

**Were any target forest raptors observed?** No

**Were any other raptors (not T&E, SSC, or target) observed?** No

**Were any raptor signs observed?** No

**Raptor sign notes:**

**Additional Notes:**



## Field Data Sheet

**Do you need to record data for another TVES?**

No

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## Field Data Sheet

**Do you need to record forest habitat data?**

Forest Habitat Conditions

**Sampling Hexagon ID:** D

**Representative Photographs (N, E, S, and W) from MSIM Monitoring Point:**



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## Field Data Sheet



**Subplot Radius/Dimensions (meters):** 7.3

**Estimated Herbaceous Plant Cover (including graminoids; %):** 1-10%

**Estimated Shrub Cover (%):** None

**Estimated Tree Cover (%):** 25-50%

**Estimated Rock Cover (%):** 1-10%

**Estimated Litter Cover (%):** 90-100%

**Estimated Bare Ground (%):** 1-10%

Forest Raptor Survey Data Sheet

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## Field Data Sheet

**Estimated Canopy Cover (%):** 90-100%

**Litter Depth (Average of Three Locations; inches):** 1-3"

**Dominant Woody Plant Species (Common Names):** American beech, eastern hemlock, Sugar Maple

**Average Tree Trunk Diameter at Breast Height (inches):** 7+"

**Snags present?** Yes

**Snag Characteristics/Notes:**

Broken Top, Loose Bark, Missing Bark

**Observed Forest Management Practices/Disturbance:** None notable

**Estimated Proximity to Water (Stream, Pond, or Wetland):** 100

**Estimated Proximity to Forest Edge:** 100

**Additional Notes:**

N/A

**Do you need to record forest habitat data for another sampling hexagon?**

No

Weather Conditions at End of Survey

**Temperature (°F):** 66

**Wind Speed (mph):** 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

**Wind Direction:** SW

**Cloud Cover:** Overcast (90-100%)

**Visibility:** Good (10+ miles; clear)

**Precipitation:** None (Clear)

**Weather Notes:**

**Were there any notable weather events/changes during the survey?** No

**If Yes, Describe (Notes):**

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