

#### Notes :

#### Corresponding Point ID(s): 79

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 80

#### Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grass, clover

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 78

Anthropogenic Disturbance/Management Practices: Farm Equipment In Use

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass, alfalfa, clover

Invasive Plant Species (Common Names):









#### Notes :

Do you need to report observations of another open field?

#### Weather Conditions at End of Survey

Temperature (°F): 77

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

Wind Direction: S

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Weather Notes: Clouds blew off

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

#### **Bird Observation Summary**

Were any Endangered/Threatened Species observed? No

Were any Species of Special Concern observed? No

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)? No

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

#### Additional Photo(s):

# Were any alternate point count survey locations used due to access or visual constraints?

#### Alternate Point Count Survey Locations:



#### Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names): WITU, ROPI

**Overall Survey Notes:** 

#### **Breeding Bird Survey**

Submitted By: fsimeone@edrdpc.com

Submitted Time: July 17, 2023 11:16 AM

#### Survey Information

Project Name: Hoffman Falls Survey Date: July 17, 2023 Surveyor Name: Frank Simeone Points Surveyed: 18 Alt, 19-21, 24, 27-35.1 Survey Start Time: 05:08 Survey End Time: 10:02

#### Weather Conditions at Start of Survey

Temperature (°F): 60
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Other - Describe in notes
Weather Notes: Wildfire smoke haze

#### **Open Field Condition Observations**

#### Corresponding Point ID(s): 28

#### Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Alfalfa, grass, daisy

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 27

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Alfalfa, grass, daisy

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 29

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

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

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Alfalfa, grass, clover, daisy

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 33.3

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Grass, daisy, clover, buttercup

Invasive Plant Species (Common Names):





#### Notes :

#### Corresponding Point ID(s): 18 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

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

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 48-54

**Dominant Plant Species (Common Names):** Corn, grass, daisy, clover, milkweed

Invasive Plant Species (Common Names):









#### Notes :

Alternate point chosen due to height of crop

### Do you need to report observations of another open field?

Yes

#### Corresponding Point ID(s): 20

#### Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 50-90%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Soybean, grass,

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 21

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

**Dominant Plant Species (Common Names):** Soybean, grass, clover, vetch, buttercup,

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 19

#### Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Soybean, grass

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 24

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Successional Old Field

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): 10-25%

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 24-30

**Dominant Plant Species (Common Names):** Grass, goldenrod, dogwood, pine, milkweed, rubus spp, clover, vetch, larch,

#### Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 33

#### Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

**Dominant Plant Species (Common Names):** Grass, clover, rubus spp, bedstraw, buttercup

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 32

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

**Dominant Plant Species (Common Names):** Grass, clover, bedstraw, dandelion, rubus spp,

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 31

#### Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

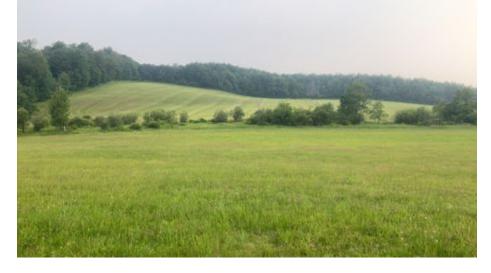
Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

**Dominant Plant Species (Common Names):** Grass, clover, bedst, wild thyme, buttercup, daisy,

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 30

Anthropogenic Disturbance/Management Practices: Farm Equipment In Use

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

**Dominant Plant Species (Common Names):** Grass, clover, bedstraw, rubus spp, dandelion,

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 34

#### Anthropogenic Disturbance/Management Practices: Farm Equipment In Use

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 42-48

**Dominant Plant Species (Common Names):** Corn, grass, daisy, buttercup, clover, alfalfa, milkweek, vetch,

Invasive Plant Species (Common Names): Teasel,









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 35.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grass, clover, bedstraw,

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 35

#### Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

**Dominant Plant Species (Common Names):** Grass, clover, bedstraw, rubus spp, buttercup, daisy,

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

This figure 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 threatened or endangered species. This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding species listed as endangered, threatened, or special concern in New York.

#### **Breeding Bird Survey**

Submitted By: bsmith@edrdpc.com

Submitted Time: July 19, 2023 10:17 AM

#### Survey Information

Project Name: Hoffman Falls

Survey Date: July 19, 2023

Surveyor Name: Brooke Smith

Points Surveyed: 36-50.1

Survey Start Time: 05:15

Survey End Time: 10:10

#### Weather Conditions at Start of Survey

Temperature (°F): 58 Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts) Wind Direction: W Cloud Cover: Overcast (90-100%) Visibility: Good (10+ miles; clear) Precipitation: None (Clear) Weather Notes:

#### **Open Field Condition Observations**

Corresponding Point ID(s): 40

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 2-4

Dominant Plant Species (Common Names): Grass, alfalfa

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 41

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 42-48

Dominant Plant Species (Common Names): Corn, grass, phlox

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 39

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 38 (alt)

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 36

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 37 (alt)

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

### Corresponding Point ID(s): 49 (alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

### Corresponding Point ID(s): 47

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 48 (alt)

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 45

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 44

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 43

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

### Corresponding Point ID(s): 42

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

### Corresponding Point ID(s): 46

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Clover

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 50.1

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 36-42

Dominant Plant Species (Common Names): Grass and clover

Invasive Plant Species (Common Names):









### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

### Corresponding Point ID(s): 50

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{No}}$ 

### Weather Conditions at End of Survey

Temperature (°F): 70

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

Wind Direction: NNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

**Precipitation:** None (Clear)

Weather Notes:

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

### **Bird Observation Summary**

Were any Endangered/Threatened Species observed? No

Were any Species of Special Concern observed? No

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)? No

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

Additional Photo(s):

# Were any alternate point count survey locations used due to access or visual constraints?

Yes

Alternate Point Count Survey Locations: 37, 38, 48, 49



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

**Overall Survey Notes:** 

### **Breeding Bird Survey**

Submitted By: fsimeone@edrdpc.com

Submitted Time: July 19, 2023 11:03 AM

### Survey Information

Project Name: Hoffman Falls

Survey Date: July 19, 2023

Surveyor Name: Frank Simeone

**Points Surveyed:** 1 alt, 2 alt, 3 alt, 4 alt, 5 alt, 6, 7 alt, 7.1 alt, 8 alt, 9 alt, 10 alt, 11 alt, 12, 13 alt, 14 alt, 15.1, 16 alt, 16.1, 16.2 alt, 17 alt,

Survey Start Time: 05:08

Survey End Time: 09:55

Weather Conditions at Start of Survey

Temperature (°F): 59

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

Wind Direction: W

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

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

**Precipitation:** Other - Describe in notes

Weather Notes: Slight haze due to wildfire smoke

### **Open Field Condition Observations**

Corresponding Point ID(s): 11 Alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









### Notes :

11 Alt surveyed due to height of corn and to avoid damaging crop.

## Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

Breeding Bird Survey Data Sheet

### Corresponding Point ID(s): 1 Alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

1 alternate surveyed due to corn height and to avoid crop damage.

### Do you need to report observations of another open field?

Yes

### Corresponding Point ID(s): 2 Alt

### Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

### Notes :

2 alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field?

Yes

### Corresponding Point ID(s): 7.1 Alt

### Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

### Notes :

7.1 alt surveyed due to corn height and to avoid damaging crop.

## Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

### Corresponding Point ID(s): 7 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









### Notes :

7 alt surveyed due to corn height and to avoid damaging crop.

## Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

### Corresponding Point ID(s): 8 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

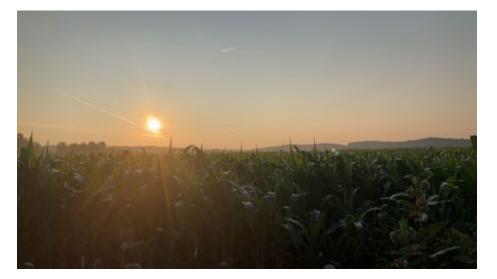
Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

### Notes :

8 Alt surveyed due to corn height and to avoid damaging crop.

## Do you need to report observations of another open field?

Yes

### Corresponding Point ID(s): 9 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









### Notes :

9 Alt surveyed due to corn height and to avoid damaging crop.

## Do you need to report observations of another open field?

Yes

### Corresponding Point ID(s): 10 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









### Notes :

10 Alt surveyed due to corn height and to avoid damaging crop.

## Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

### Corresponding Point ID(s): 12

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grass, clover, dandelion,

Invasive Plant Species (Common Names):







### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

### Corresponding Point ID(s): 13 Alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

13 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

Breeding Bird Survey Data Sheet

#### Corresponding Point ID(s): 3 Alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):





#### Notes :

3 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field?

Yes

#### Corresponding Point ID(s): 4 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

4 alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field?

Yes

#### Corresponding Point ID(s): 6

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Clover, grass, dandelion,

Invasive Plant Species (Common Names):









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 5 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

5 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field?

Yes

#### Corresponding Point ID(s): 15.1

#### Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 10-25%

**Estimated Woody Vegetation Cover (%):** 1-10%

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 60+

**Dominant Plant Species (Common Names):** Corn, grass, buttercup, milkweed, oak, thistle

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 16 Alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

16 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

#### Corresponding Point ID(s): 17 Alt

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):





#### Notes :

17 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

#### Corresponding Point ID(s): 16.2 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

16.2 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field? $\ensuremath{\mathsf{Yes}}$

Breeding Bird Survey Data Sheet

#### Corresponding Point ID(s): 16.1

#### Anthropogenic Disturbance/Management Practices: Construction Noise

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 50-90%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 24-30

**Dominant Plant Species (Common Names):** Grass, clover, bedstraw, buttercup, diasy, thistle,

Invasive Plant Species (Common Names):









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 14 Alt

Anthropogenic Disturbance/Management Practices: ATV/Other Vehicle Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

14 Alt surveyed due to corn height and to avoid damaging crop.

### Do you need to report observations of another open field?

No

#### Weather Conditions at End of Survey

Temperature (°F): 70

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

Wind Direction: NNW

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? Yes

#### **Bird Observation Summary**

Were any Endangered/Threatened Species observed? No

Were any Species of Special Concern observed? No

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)? No

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

Additional Photo(s):

### Were any alternate point count survey locations used due to access or visual constraints?

Yes

**Alternate Point Count Survey Locations:** 1 alt, 2 alt, 3 alt, 4 alt, 5 alt, 7 alt, 7.1 alt, 8 alt, 9 alt, 10 alt, 11 alt, 13 alt, 14 alt, 16 alt, 16.2 alt, 17 alt, 15.1

**Incidental bird species observed outside of timed point count surveys** (Alpha Codes or Common Names): CEDW

**Overall Survey Notes:** 

### **Breeding Bird Survey**

Submitted By: abutler@edrdpc.com

Submitted Time: July 21, 2023 9:14 AM

#### Survey Information

Project Name: Hoffman Falls

Survey Date: July 19, 2023

Surveyor Name: Anna Butler

Points Surveyed: 65-80

Survey Start Time: 05:34

Survey End Time: 10:29

#### Weather Conditions at Start of Survey

Temperature (°F): 57 Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically) Wind Direction: N Cloud Cover: None (Clear) Visibility: Good (10+ miles; clear) Precipitation: None (Clear) Weather Notes:

#### **Open Field Condition Observations**

#### Corresponding Point ID(s): 77

#### Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Grass, alfalfa, clover

Invasive Plant Species (Common Names):







#### Notes :

### Corresponding Point ID(s): 79

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 80

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass, clover

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 78

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass, alfalfa

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

### Corresponding Point ID(s): 75

Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):







Breeding Bird Survey Data Sheet

#### Notes :

### Corresponding Point ID(s): 74

Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Alfalfa

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 73

#### Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Alfalfa, grass

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 72

#### Anthropogenic Disturbance/Management Practices: Farm Equipment Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 4-6

Dominant Plant Species (Common Names): Grass, clover

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 76

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Grass, alfalfa

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 71

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 30-36

Dominant Plant Species (Common Names): Grass, alfalfa

Invasive Plant Species (Common Names):





#### Notes :

### Corresponding Point ID(s): 70

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 60+

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

### Corresponding Point ID(s): 76.1

#### Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Successional Old Field

Estimated Grass Cover (%): 10-25%

Estimated Forb Cover (%): 25-50%

**Estimated Woody Vegetation Cover (%):** 1-10%

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 48-54

Dominant Plant Species (Common Names): Goldenrod, grass

Invasive Plant Species (Common Names): Honeysuckle

**Representative Photo(s):** 

**Notes :** No photos taken on this date

**Do you need to report observations of another open field?** Yes

### Corresponding Point ID(s): 69

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 10-25%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass, alfalfa

Invasive Plant Species (Common Names):





#### Notes :

#### Corresponding Point ID(s): 65

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Soy

Invasive Plant Species (Common Names):





#### Notes :

#### Corresponding Point ID(s): 66

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 25-50%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Soy, grass

Invasive Plant Species (Common Names):





#### Notes :

#### Corresponding Point ID(s): 67

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

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

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 10-25%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Soy

Invasive Plant Species (Common Names):





#### Notes :

#### Corresponding Point ID(s): 68

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Soy

Invasive Plant Species (Common Names):





#### Notes :

#### Weather Conditions at End of Survey

Temperature (°F): 72

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

Wind Direction: NNW

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

#### **Bird Observation Summary**

Were any Endangered/Threatened Species observed? No

Were any Species of Special Concern observed? No

Were probable, possible, or confirmed breeding behaviors observed for any Listed Species (Endangered/Threatened/Special Concern)? No

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

#### Additional Photo(s):

# Were any alternate point count survey locations used due to access or visual constraints?

#### Alternate Point Count Survey Locations:



**Incidental bird species observed outside of timed point count surveys** (Alpha Codes or Common Names): OVEN

**Overall Survey Notes:** 

### **Breeding Bird Survey**

Submitted By: bsmith@edrdpc.com

Submitted Time: July 20, 2023 9:50 AM

#### Survey Information

Project Name: Hoffman Falls

Survey Date: July 20, 2023

Surveyor Name: Brooke Smith

Points Surveyed: 51-64

Survey Start Time: 05:18

Survey End Time: 09:50

#### Weather Conditions at Start of Survey

Temperature (°F): 52 Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts) Wind Direction: S Cloud Cover: Overcast (90-100%) Visibility: Good (10+ miles; clear) Precipitation: None (Clear) Weather Notes:

#### **Open Field Condition Observations**

#### Corresponding Point ID(s): 52

#### Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Soybean

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 53

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 18-24

Dominant Plant Species (Common Names): Soybean

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 55

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 58

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 24-30

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









Breeding Bird Survey Data Sheet

#### Notes :

#### Corresponding Point ID(s): 57

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 2-4

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 56

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): 25-50%

Estimated Forb Cover (%): 25-50%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 54-60

Dominant Plant Species (Common Names): Corn

Invasive Plant Species (Common Names):









#### Notes :

#### Corresponding Point ID(s): 54

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 36-42

Dominant Plant Species (Common Names): Wheat

Invasive Plant Species (Common Names):









#### Notes :

Corresponding Point ID(s): 59 (alt)

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









Breeding Bird Survey Data Sheet

#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 62

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Pastureland

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

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 6-12

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 63

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 64

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 50-90%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Clover

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 61 (Alt)

Anthropogenic Disturbance/Management Practices: Traffic Noise

Primary Open Field Cover Type: Field Cropland (including hay, wheat, oats, etc.)

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

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): None

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Clover

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 60 (alt)

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Pastureland

Estimated Grass Cover (%): 90-100%

Estimated Forb Cover (%): None

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): None

Estimated Litter Depth (inches): 0-1"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Grass

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{Yes}}$ 

#### Corresponding Point ID(s): 51

Anthropogenic Disturbance/Management Practices: None notable

Primary Open Field Cover Type: Row Cropland (Active)

Estimated Grass Cover (%): None

Estimated Forb Cover (%): 90-100%

Estimated Woody Vegetation Cover (%): None

Estimated Bare Ground (%): 1-10%

Estimated Litter Depth (inches): 1-3"

Average Vegetation Height (inches): 12-18

Dominant Plant Species (Common Names): Soybean and grass

Invasive Plant Species (Common Names):

**Representative Photo(s):** 









#### Notes :

Do you need to report observations of another open field?  $\ensuremath{\mathsf{No}}$ 

This figure 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 threatened or endangered species.



Incidental bird species observed outside of timed point count surveys (Alpha Codes or Common Names):

**Overall Survey Notes:** 

#### APPENDIX C

Breeding Bird Survey Observations