

Appendix D. Datasheet used to conduct surveys at the Great Blue Heron and Great Egret Secondary Monitoring Sites in 2021.

**2021 MINNESOTA COLONIAL WATERBIRD
CENSUS DATA SHEET**

Block ID _____ Colony Name and Waterbody _____ State _____

_____/_____/_____
Day Mo. Year Observer(s) _____

____° ____' ____"N _____° ____' ____"W _____
Latitude Longitude County Nearest Town

Site Ownership (Name & Status) _____ Protective Signs Yes No
F = Federal, S = State, C = City, Co = County
P = Private, O = Other, U = Unknown
 (e.g., no trespassing, bird nesting)

Landform: Island Mainland
 General Habitat: Dredge fill Pier Roof
 Other Structure _____

Dominant Landscape Setting: _____ (i.e. ≥50%)
*If multiple dominant landscape settings, put relative proportion (e.g., Ag = 50%, R = 50%)
 WC = Wetland Complex, R = Riverine, U = Urban, Ag = Agriculture, F = Forest, O = Other

CENSUS DATA

Species	Nesting Stage	Number of Apparently Occupied Nests	Count Location	Count Coverage	Nest Count Quality
D-C Cormorant					
Great Blue Heron					
B-C Night-Heron					
Great Egret					
R-B Gull					
Herring Gull					
Caspian Tern					
Common Tern					
Other:					
Other:					
Other:					

Nesting Stage Codes: L = laying, I = incubation, H = hatching, C = chicks, F = fledging, D = deserted before counting. See Table A. for detailed descriptions of nesting stage.

Count Location: Count conducted from: A = airplane, B = boat/shoreline, G = within colony

Count Coverage: TC = total nest count, PC = partial nest count w/ extrapolation, O = Other, NC = not censused

Quality of Survey: N = Not confident, R = reasonably confident, H = Highly confident

**Other colonial waterbird species nesting at site not mentioned above (indicate ~ # of nests or behavior, e.g. ~ # of terns overhead)*

SPECIES-SPECIFIC HABITAT

<i>Species</i>	<i>Nesting substrate</i>	<i>Nesting Habitat</i>	<i>% colony obscured by vegetation cover</i>
D-C Cormorant			
Great Blue Heron			
B-C Night-Heron			
Great Egret			
R-B Gull			
Herring Gull			
Caspian Tern			
Common Tern			
Other:			
Other:			
Other:			

Nesting Substrate: 1 = unvegetated sand/rocks, 2 = boulders, 3 = in trees/bushes,
4 = under trees/bushes, 7 = herbaceous vegetation < 6 inches, 8 = herbaceous vegetation > 6 inches

Nesting Habitat: IF = Island forested, IS = Island shrub/lowland, IU = Island upland, WW = Within wetland, S = Split (upland and wetland), US = Upland Waterbody Shore, UW = Upland Woodlands, MS = man-made structure, O = Other

Percent of colony obscured by vegetation: enter to the nearest 10%

Additional Remarks (e.g., unusual observations, significant threats, changes since last visit):