ᐅᑭᐅᕐᑕᕐᑐᒥ ᓄᓇᖓᓂᕐᑐᑦ ᖃᐅᔨᓴᕐᓂᖅ ᑎᒃᒥᐊᒃᑯᕕᒃᒥ Queen Maud Gulf Bird Sanctuary,ᓄᓇᕗᑦ: ᓇᐃᒃᓕᒋᐊᕐᓯᒪᔪᑦ ᐅᓂᖃᑦ

ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐊᖓᔪᖃᖅ:
ᓗᒃᑕᖅ ᐸᐃ ᐊᓕᓴᐅᔅᑲ, Dr. Ray Alisauskas, Research Scientist

ᐃᓗᓕᖏᓐᓂᒃ ᐃᑲᔪᕐᑎ:
ᑕᓇ ᑭᓕᑦ Dana Kellett, Wildlife Technician

ᑭᒃᓕᓯᓂᐊᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐃᓗᓕᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ, ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᑲᓇᑕᒥ
Environment Canada
115 Perimeter Road
Saskatoon, Saskatchewan S7N 0X4

ᑲᔪᓯᓪᓗᓂ ᖃᐅᔨᓴᕐᓂᐅᖃᑦᑕᕐᓯᒪᔪᖅ ᐃᓄᕐᓯᕙᓪᓕᐊᓂᖏᓐᓂᒃ ᓄᓇᒥᑦᑐᑦ ᐅᑭᐅᕐᑕᕐᑐᒥ ᑎᒃᒥᐊᑦ ᐃᕙᔪᑦ ᐃᒪᕐᒥᐅᑕᐃᑦ, ᑲᖑᐃᑦ, ᓂᕐᓱᑦ, ᒥᑎᑦ, ᐊᒡᒋᐊᕐᔪᐃᑦ, ᐃᕙᖃᑦᑕᕐᓯᒪᒃᒪᑕ ᑎᒃᒥᐊᒃᑯᕕᒃᒥ Queen Maud Gulf Bird Sanctuary ᑕᐃᒪᖓᑦ 1991. ᖃᐅᔨᓴᕐᓂᖏᑦ ᑕᓯᐅᑦ ᖃᓂᒋᔭᓂᓪᓗᑎᒃ Karrak Lake, ᐃᓂᒋᔭᐅᔪᖅ ᐅᓄᓚᖑᔪᑦ ᖃᐅᔨᒪᔭᐅᔪᑦ ᖃᖑᐃᑦ ᓂᕐᓕᓪᓗ ᑎᒃᒥᐊᒃᑯᕕᒃᒥ, ᐃᓱᒪᒋᔭᐅᔪᑦ ᐅᓄᕐᓂᖏᑦ 1.1 ᒥᓕᐊᓐ ᑎᒃᒥᐊᑦ ᐊᖃᒍᖓᓂ 2009. ᐊᕐᕋᒍᑕᒪᑦ, ᐅᓄᕐᓂᖏᑦ ᓇᓴᕐᑕᐅᓇᓱᖃᑦᑕᕐᑐᑦ ᐃᕙᔪᑦ ᑎᒃᒥᐊᑦ, ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᑕᐅᓪᓗᑎᒃ ᐃᓄᕐᓯᕙᓪᓕᐊᓂᖏᓐᓄᑦ ᖃᐅᔨᒪᔪᑕᐅᔪᑦ ᐊᑐᕐᑕᐅᓪᓗᑎᒃ, ᓱᕐᓗ ᖃᓯᓂᒃ ᒪᓐᓂᒃᓂᒃ ᐃᕙᖃᑦᑕᕐᒪᖓᑕ, ᒪᓐᓂᑦ ᐃᓐᓄᖃᑦᑕᕐᓂᖏᑦ, ᐊᒻᒪᓗ ᐃᓐᓇᐃᑦ ᑎᓯᒃᒥᐊᑦ ᐅᒪᓂᖏᑦ. ᑕᒃᑯᐊ ᖃᐅᔨᓴᕐᑕᐅᔪᑦ ᐊᑐᑎᖃᑦᑐᑦ ᐊᐅᓚᑕᐅᑦᑎᐊᕐᓂᖏᓐᓄᑦ ᑐᑭᓯᐅᒪᔪᑕᐅᓪᓗᑎᒃ ᐱᓇᓱᒃᑕᐅᖃᑦᑕᕐᓂᖏᓐᓄᑦ ᖃᓄᐃᔪᑕᐅᓂᐊᕐᒪᖓᑕ, ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᑕᓂ. ᐊᒻᒪᓗᑦᑕᐅᖅ, ᐅᓄᕈᓐᓂᕈᑕᐅᒐᔭᕐᑐᑦ ᖃᐅᔨᓇᓱᒃᑕᐅᓪᓗᑎᒃ, ᓱᕐᓗ ᐅᐱᖓᒃᑯᑦ ᖃᓄᐃᓕᐅᖃᑦᑕᕐᓂᖏᑦ, ᐃᓂᒋᔭᖏᑦ ᖃᓄᐃᑦᑐᒃᒪᖓᑕ, ᐊᒻᒪᓗ ᐊᓂᕐᑎᓇᔪᑦ ᐅᒪᔪᐊᕐᔪᐃᑦ ᐱᑕᖃᐅᕐᓂᖏᓐᓄᑦ, ᖃᐅᔨᓴᕐᑕᐅᖃᑦᑕᕐᑐᑦ ᑐᑭᓯᔪᑕᐅᓇᓱᒃᓗᑎᒃ ᖃᓄᐃᔪᑕᐅᖃᑦᑕᕐᒪᖓᑕ ᐅᓄᕐᓂᖏᓐᓄᑦ. ᖃᐅᔨᓴᕐᑐᖃᖃᑦᑕᕐᓯᒪᔪᖅ ᐊᔾᔨᐸᓗᖓᓂᒃ ᑎᓇᒐᓂᐊᑦ ᐱᔭᐅᔪᒪᒋᓪᓗᑎ, ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᑕᐅᒍᓗᐊᕐᒥᓗᑎᒃ ᐊᒃᓱᕈᑕᐅᖏᓐᓂᕐᓴᐅᓗᑎᒃ ᖁᐸᓄᐊᕐᕐᔪᐃᑦ ᓱᕐᓗ ᓯᒃᔭᓇᐊᑦ,ᐃᒥᕐᑯᑕᐃᓚᑦ, ᖃᕐᓴᐅᓪᓗ. ᑕᐅᑐᒃᓗᑎᒃ ᑎᑎᕐᕐᑕᐅᕙᓪᓕᐊᒋᓪᓗᑎᒃ ᐊᖏᔪᑕᐅᓂᕐᓴᐃᑦ ᐅᒪᔪᐃᑦ ᓱᕐᓗ ᐊᒃᓚᐃ, ᐊᒪᕈᐃᑦ ᐊᒻᒪᓗ ᖃᕐᕕᒐᕐᔪᐃᑦ.

ᖃᐅᔨᓴᕐᕕᒃ ᐃᒃᓗ ᓴᓇᔭᐅᓯᒪᔪᖅ 1991-ᒥ, ᐃᓂᖃᕐᑐᖅ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᓄᓇᖓᓂ ᑕᓯᐅᑦ ᖃᓂᒋᔭᓂ Karrak Lake (67º 14’ 14” N and 100º 15’ 33” W). ᑕᓪᓕᒪᐅᔪᑦ ᕿᔪᐃᑦ ᓴᑦᑐᐱᐊᑦ ᐊᖏᓂᖃᐅᕐᑐᑦ 8x12’ ᐃᓚᖏᑦ 20x20’, ᐊᒻᒪᓗ ᐃᓄᖃᖃᑦᑕᕐᓗᓂ ᑎᓴᒪᓂᒃ ᑎᑭᓪᓗᒍ ᖁᓕᓂᒃ ᐊᕋᒍᑕᒪᑦ ᐱᒋᐊᕐᓗᓂ ᒪᐃ 10 ᑎᑭᓪᓗᒍ ᐊᒋᓯ 15 ᐅᓪᓗᓄᑦ 550-ᓄᑦ ᐊᕋᒍᒥ. ᐸᖏᕐᑕᐅᓚᐅᕐᓂᖏᓐᓄᑦ ᐱᖁᑎᕐᔪᐊᓕᕆᔨᒃᑯᓐᓄᑦ ᑭᓇᐅᔭᕐᕕᐅᔪᒧᑦ Arctic Infrastructure Fund (ᐱᓕᕆᐊᖑᔪᓄᑦ: ᐅᑭᐅᕐᑕᕐᑐᒥ ᐊᓯᐊᓄᐊᕐᑕᕐᑐᑦ ᑎᒃᒥᐊᑦ ᖃᐅᔨᓴᕐᑕᐅᓂᖏᓐᓄᑦ), ᓴᓇᔪᒪᔪᒍᑦ ᐊᖏᓂᖃᕐᑐᓂᒃ 12x16’ ᐃᒃᓗᕐᓚᓂᒃ ᐅᖓᓯᒃᓂᖃᕐᑐᖅ 15 km ᐅᐊᒃᓇᕐᐸᓯᐊᓂᑦ ᑕᓯᐅᑦ ᖃᐅᔨᔭᕕᐅᔪᑦ Karrak Lake Research Station, ᓄᓇᖑᐊᑎᒍᑦ ᓇᓴᐅᑎᖏᑦ 67º 21’ 09” N and 100º 20’ 59” W. ᐱᕙᓪᓕᐊᓪᓗᑕ, ᑎᒃᒥᐊᖃᕐᕕᒃ ᐅᐸᒃᑕᐅᕙᓪᓕᐊᓂᕐᓴᐅᒃᒪᑦ ᑎᒃᓯᐊᓄᑦ ᐃᕙᕕᐅᕙᓪᓕᐊᓗᓂᓗ ᐊᓯᐊᓄᐊᕐᐸᓪᓕᐊᓪᓗᑎᒃ ᐅᐊᒃᓇᕐᐸᓯᐊᓄᑦ, ᐊᒻᒪᓗ ᑕᓯᕐ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᖃᓂᒋᔭᓂᑦᑐᖅ ᑭᒃᓕᖓᓂᓕᕐᓗᓂ ᑎᒃᒥᐊᖃᕐᓂᖓᑕ. ᐱᕙᓪᓕᐊᓪᓗᓂᓗ ᐃᓚᖓ ᐅᐸᒃᓴᐅᖏᑦᑐᒧᐊᕐᐸᓪᓕᐊᒃᒪᑕ ᐱᓕᒃᓗᓂ, ᐃᒃᓗᕐᓚᓕᐅᕐᑕᐅᒍᓂ ᐊᑲᐅᓯᕙᓪᓕᕈᑕᐅᓂᐊᕐᒪᑦ ᖃᓂᒃᓕᕙᓪᓕᕐᓗᑎᒃᓗ ᑎᒃᒥᐊᓄᑦ.

ᐅᐸᒃᑕᐅᖃᑦᑕᕐᓂᐊᕐᑐᖅ ᖃᐅᔨᓴᕐᕕᐅᔪᖅ ᖃᖓᑕᓗᑎᒃ, ᖃᖓᑕᓱᓪᓚᑦᑕᒧᑦ ᐅᕙᓗᓐᓂᑦ ᖁᓕᒥᒍᓕᒃᒧᑦ, ᖃᓄᐃᑦᑐᓂ ᐊᖃᒍ ᒪᓕᒃᓗᒍ. ᖁᓕᒥᒍᑦ ᐊᑐᕐᑕᐅᖃᑦᑕᕐᑐᑦ ᓇᓴᐃᓪᓗᑎᒃ ᑎᒃᒥᐊᖃᕐᕕᐅᔪᑦ ᓄᓇᖓᓂ, ᐊᒻᒪᓗ ᐃᓚᖏᓂᑦ ᐃᖃᓇᐃᔭᕐᑎᑦ ᐋᑕᐅᖃᑦᑕᕐᓗᑎᒃ ᐅᐸᒃᑕᐅᖏᓐᓂᖓᓄᑦ. ᓯᑭᑐᓪᓗ ᐊᑐᕐᑕᐅᖃᑦᑕᕐᓗᑎᒃ ᐊᐅᒃᐸᓪᓕᐊᓕᓴᕐᓂᖓᓂ, ᑎᒃᒥᐊᑦ ᑎᑭᕐᓚᐅᖏᓐᓂᖏᓐᓂ. ᐅᒥᐊᕐᓚᑦ ᐊᐅᓚᐅᑎᖃᕐᑐᑦ 16-ᓂᒃ ᓴᖏᓂᓕᒃᓂᒃ ᐊᑐᕐᑕᐅᖃᑦᑕᕐᓗᑎᒃ

ᐊᒻᒪᓗ ᐃᐳᑦᑕᕆᐊᓕᑦ ᖃᔭᕆᐊᑦ ᑕᓯᐅᑦ ᐃᓗᐊᓂ ᖃᓂᒋᔭᓂᑦᑐᓪᓗ ᑕᓯᑦ ᐃᓗᐊᓂ. $ᓯᐊᓂ ᐅᐸᒍᑎᖃᑦᑕᕐᓂᕐᓴᐅᔪᑦ ᐱᓱᒃᓗᑎᒃ.

ᐃᒥᖅ ᐱᔭᐅᖃᑦᑕᕐᓂᐊᕐᑐᖅ ᐃᓄᒃᓄᑦ ᐊᑐᕐᑕᐅᓗᓂ, ᐊᒻᒪᓗ ᑐᖓᓂᖃᑦᑕᕐᓂᐊᕐᓗᓂ 20 ᒋᐊᓚᒃ ᖃᐅᑕᒪᑦ. ᑯᕕᔭᐅᔪᖅ ᐃᒥᕐ ᐊᑐᕆᕐᑐᖅ ᒪᓂᕐᕐᒧᑦ ᑯᕕᔭᐅᓗᓂ ᐃᔾᔪᕐᒧᑦ ᓴᓗᒻᒪᕐᓗᓂ, ᐊᖓᓯᒃᓂᖃᕐᓗᓂ 100-ᒥᑕ ᑕᓯᐅᑦ ᑭᒃᓕᖓᓂᑦ. ᐃᒋᑕᒃᓴᐃᑦ ᐃᑭᑕᐅᖃᑦᑕᕐᓂᐊᕐᑐᑦ. ᓱᕈᕐᓇᕐᑐᖃᖏᑦᑐᑦ ᐃᑭᓐᓂᕐᑯᕕᓂᓪᓗ ᓴᐅᔭᐅᖃᑦᑕᕐᓂᐊᕐᑐᑦ ᐃᓗᑦᑐᕐᓯᒪᔪᒧᑦ, ᐅᖓᓯᒃᓂᖃᕐᓗᓂ 100-ᒥᑕ ᑕᓯᐅᑦ ᑭᒃᓕᖓᓂᑦ. ᐊᓕᒍᐃᑦ, ᓴᕕᕐᔭᐃᑦ ᐊᓯᖏᓪᓗ ᐃᑭᑦᑐᓐᓇᖏᑦᑐᑦ ᐊᐅᓪᓚᕐᑎᑕᐅᖃᑦᑕᕐᓗᑎᒃ ᐃᖃᓗᒃᑐᑦᑎᐊᕐᒧᑦ ᓄᓇᕗᑦᒧᑦ ᐃᒋᑕᐅᓂᐊᕐᒪᑕ.