PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM (PRRIP -or- Program)

Summer 2024 Independent Scientific Advisory Committee (ISAC) Meeting Discussion Questions

Response Deadline: 12:00 PM Central Time on Friday, August 16, 2024

The following set of questions is intended to guide ISAC participation in and discussion at the 2024 Summer ISAC Meeting and to serve as the basis for collective ISAC guidance generated for the Program. The ISAC will deliver to the Program both a set of written responses to these questions and a summary presentation via virtual meeting in Teams to members of the Governance Committee (GC), Technical Advisory Committee (TAC), and Executive Director's Office (EDO). Responses to the Discussion Questions should be based on review of pre-read documents provided for the Summer 2024 ISAC Meeting; presentations delivered during the Summer 2024 ISAC Meeting; and associated ISAC discussion before, during, and after the Summer 2024 ISAC Meeting.

The EDO requests a final set of ISAC comments **no later than 12:00 PM Central Time on Friday, August 16, 2024.** Please email the final comments in both Word and PDF formats to Chad Smith in the EDO at smithc@headwaterscorp.com.

PRRIP Summer 2024 ISAC Meeting_ISAC Discussion Questions:

Extension Big Question (EBQ) Reframe:

1) What is the ISAC's Assessment of the following question for each EBQ presented in the Reframe Document – *Do we know enough already to estimate relationships (with confidence) and stop focusing on this EBQ?*

Sediment Augmentation:

2) Does the experimental design / monitoring plan for the No Augmentation Alternative set the Program up for rapid and useful learning during the next five years, especially in comparison to the previous five years of implementation of the Full Augmentation Alternative?

Whooping Crane (WC) Roost Site Selection Technical Report:

3) Resource selection relationships (like the unobstructed channel width [UOCW] relationship in this report) could potentially be used in a Structured Decision-Making (SDM) framework to estimate resource allocation tradeoffs. How might the Program assess the uncertainty (i.e., interpret confidence intervals) in these relationships as they relate to expected WC response to increasing levels ($) of management? For example, how much confidence would you place in WC response to incremental increases in UOCW past 500 ft, 650 ft, 800 ft, 1,000 ft, etc.? What data would you use as SDM input for expected outcome? For example:
   - Resource selection model results: 90% CI range, predicted value from the curve.
   - Cumulative percentage of birds observed at 500 ft, 650 ft, 800 ft, 1000 ft.

   We anticipate the GC will want to understand confidence in "bang for buck" across the range of modeled WC response to management actions.