



Middle Rio Grande Endangered Species Collaborative Program

Est. 2000

2020 Science Symposium Q&A – Day 3

December 3, 2020

Habitat Hydraulics: Sensitivity Analysis and Habitat Suitability Modeling of Rio Grande Silvery Minnow, Aubrey Harris, U.S. Army Corps of Engineers

Q. From Mick Porter, U.S. Army Corps of Engineers: What are the next steps?

A. Answered live by Aubrey Harris.

Q. From Grace Haggerty, New Mexico Interstate Stream Commission: Can we work with you on the larval fish sampling work we did and see how that can be incorporated?

A. Answered live by Aubrey Harris.

Q. From Mick Porter: Can we extend the hydraulic mapping to a larger area?

A. From Stephen Zipper, SWCA Environmental Consultants: Yes, we sampled both river mile (RM) 114 and RM 112.

Linking Morpho-Dynamics and Habitat Conditions in the Isleta Reach of the Middle Rio Grande, Ari Posner, U.S. Bureau of Reclamation

Q. From Mick Porter: It would be interesting to compare your habitat models to the models we developed at the Corps. In particular the larval habitat suitability index (HIS) and ecological function model (EFM) metrics.

A. From Ari Posner: I will send you the report.

Weaving Together Science Plans, Adaptive Management, and Science Action Agendas, Cliff Dahm, University of New Mexico

Q. From Grace Haggerty: California seemed to have a much larger involvement in the Delta Bay project. Should New Mexico legislature get more engaged in how the Middle Rio Grande program functions do you think? That has been hard to do in the past but the California efforts seemed to really get that moving.

A. From Cliff Dahm: Yes, the State of California takes a more proactive role in water and habitat planning and management. The State has embraced adaptive management. Bipartisan involvement in the development of the 2009 legislation was key. Legislative champions are important in getting water legislation to the top of the agenda

S&AM Tool Presentation: Interactive Mapper, Shay Howlin, Program Support Team

Q. From Grace Haggerty: For RGSM monitoring, is there a link to get to the full data set?

A. From Debbie Lee, Program Support Team: Yes, the full data set is available on the data page here: <https://webapps.usgs.gov/MRGESCP/data/rio-grande-silvery-minnow-population-monitoring>. Clicking on the links under the Data Sets label will download the full data set.