

# Peer Review Plan

**Date:** 10/17/2022 (Updated 11/21/2025)

**Source Center:** U.S. Geological Survey (USGS)  
Nevada Water Science Center  
2730 N Deer Run Rd, Suite 3  
Carson City, NV 89001

**Title:** Evaluation of Stream Capture Related to Groundwater Pumping, Middle Humboldt River Basin, Nevada.

**Subject and Purpose:** This report describes the groundwater hydrology and stream capture in the middle Humboldt River Basin, Nevada, underlying conceptual framework, supporting model data, calibrated numerical model results, and estimates of stream capture. The Nevada Division of Water Resources has limited new groundwater development in the basin until additional information and a better understanding of the influence of groundwater pumping on the Humboldt River are available. This report describes the results of a calibrated numerical groundwater model undertaken to provide this information. This product will be released as a USGS Professional Paper series publication.

**Impact of Dissemination:** This product is considered by the USGS to be Influential Scientific Information.

**Timing of Review (Including Deferrals):** October 2022–December 2025. Deferrals are not anticipated at this time.

**Manner of Review, Selection of Reviewers, and Nomination Process:** Review will be by individual letters. USGS will select the peer reviewers in accordance with the requirements [Survey Manual chapter 502.3—Fundamental Science Practices: Peer Review](#).

**Expected Number of Reviewers:** Anticipates three peer reviewers.

**Requisite Expertise:** Groundwater hydrology, groundwater modeling.

**Opportunity for Public Comment:** None. The opportunity for public comment is not formally incorporated by the USGS for this product.

**Agency Contact:** [peer\\_review\\_agenda@usgs.gov](mailto:peer_review_agenda@usgs.gov).