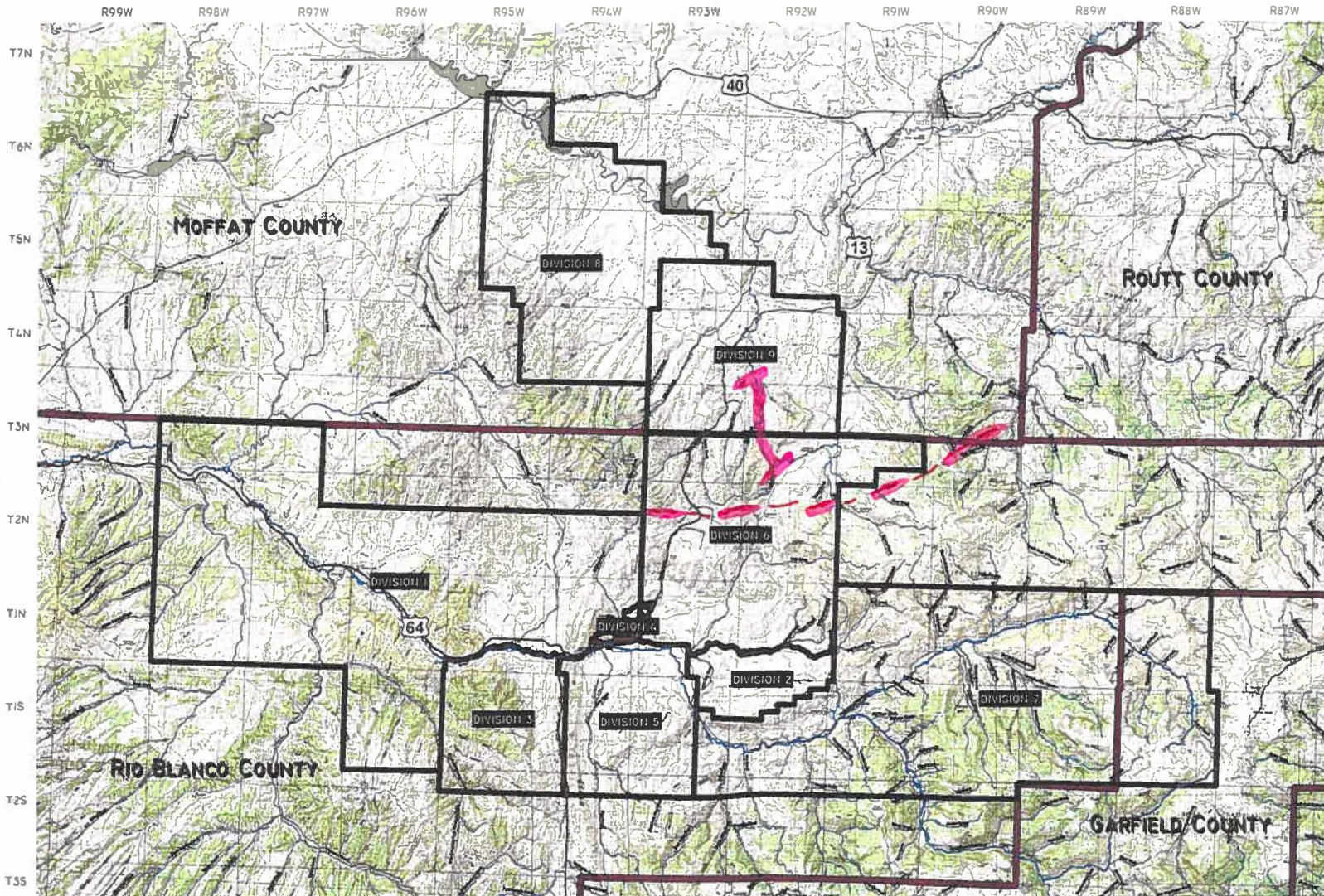
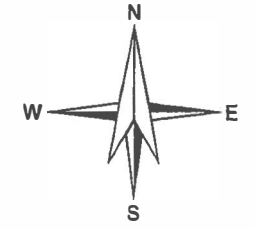


YELLOW JACKET WATER CONSERVANCY DISTRICT



DIVISION NAMES:

- 1 LOWER WHITE RIVER
- 2 LITTLE BEAVER
- 3 JOSEPHINE
- 4 MEEKER
- 5 MESA
- 6 BEAVER - COAL CREEK
- 7 UPPER WHITE RIVER
- 8 JUNIPER
- 9 AXIAL



NOTES:
 Division 8 is shown as the current Meeker town limits.
 Division boundaries that follow the White River fall on the south bank. Division boundaries that follow Little Beaver Creek fall on the centerline of the river.

Drawn by:
 J.C. Inc.
 Job # 2227-00
 DIVISION MAP CREATED USING BLM DATA (SECTION LINES)
 USGS DATA (DTM TERRAIN) AND COUNTY DATA (ROADS)

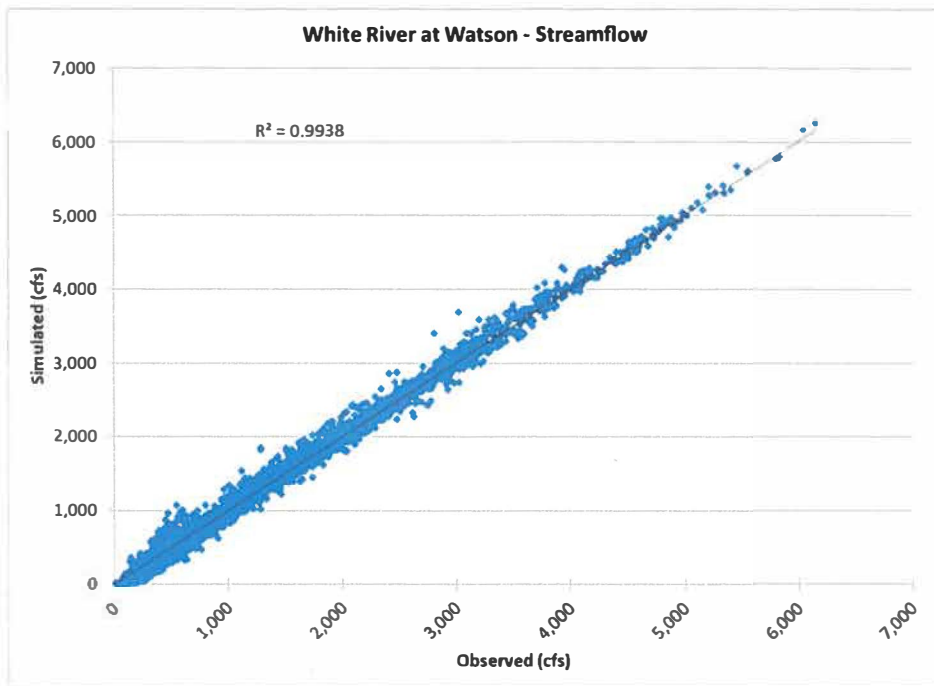


Figure 12: Daily Calibration Scatter Plot for the White River at Watson Streamflow

IPP Meetings

In addition to the water user meetings shown in Table 2, Wilson Water Group organized and attended one additional meeting to discuss a proposed IPP reservoir on Milk Creek. The reservoir is referenced as the Juniper Creek Water Conservancy District reservoir. As shown in Table 3, this was the only IPP-specific meeting held, as the other IPP proponents are existing water users and their proposed projects were discussed in previous meetings.

Table 3: IPP-Specific Project Meeting

Project Name	Proponent	Meeting Attendance
Juniper Creek Water Conservancy District Reservoir	Juniper Creek Water Conservancy District	Jackie Brown, Mike Camblin, Jeff Comstock, T. Wright Dickinson, Tom Gray, and Douglas Wellman

Ditch (5800940) and the Elk Valley Ditch Co. (5800626). The structure will be assigned an 8 cfs capacity.

Structure Water Right: The model will include the conditional water right for 8 cfs with a 1999 appropriation date.

Structure Demand: The annual demand for the diversion is provided by Steamboat Springs. When the IPP is active, the demand is 1,855 acft. The annual demand is distributed to monthly based on the current demand pattern for Steamboat Springs.

Demand Efficiency: The efficiency of water use pattern currently used to represent the City's municipal diversions will be used for this structure to estimate return flow quantity and timing. The use pattern represents combined indoor and outdoor use. Indoor use is modeled as 5 percent consumptive and outdoor use is modeled as 85 percent consumptive.

Structure Return Flow Location: Non-consumed water will return at the current wastewater treatment plant location, represented in the model on the main stem Yampa River between 5800618 – Duquette Ditch and 5800559 – Brooks Ditch.

Project Operations: The direct flow water right will be used to meet the new development demands. This project will operation in combination with the Steamboat Lake Reservoir Alternative Operations IPP, described below.

5. Juniper Water Conservancy District Reservoir Alternatives and Operations

Project Description: Juniper Water Conservancy District (JWCD) is proposing a new reservoir on Milk Creek. The reservoir will operate to provide water to existing and future demands. Existing demands include late season irrigation shortages and fish conservation flows. Future demands include expanded agriculture demand.

Model Structure Information: The ID "44_JWCD" is the model node identifier. The reservoir is located on Milk Creek between the confluence with Little Beaver Creek and the DD&E Ditch (4400586). Note that previous modeling efforts used WDID (4404323), because it is associated with a conditional water right held by Tri-State. However, Tri-State is not participating in this IPP.

Structure Water Right: The reservoir is filled using a new conditional water right. The water right has a current day priority. Note that previous modeling efforts have used a conditional water right held by Tri-State, which is decreed in a different location for different purposes. Tri-State is not participating in this IPP, so their conditional water right is not considered.

Reservoir Capacity: The reservoir capacity is 20,000 acre-feet.

Structure Demand: Two alternative configurations of the JWCD Reservoir were considered. In Alternative 1, the reservoir releases water to existing late season irrigation shortages and future agricultural development (44_Oxbow). In Alternative 2, the reservoir releases water to the same agricultural demands, plus to the Yampa PBO. These releases supplement the streamflow at the Maybell gage for the Recovery Program.

Reservoir Accounts: Two alternative configurations of the JWCD Reservoir were considered. In Alternative 1, the reservoir has one account (20,000 acft for agriculture). In Alternative 2, the reservoir has two accounts (10,000 acft for agriculture and 10,000 acft for the Yampa PBO).

Reservoir Operations: As described above, two alternatives for reservoir operations will be considered. First, the reservoir will release to existing and future agricultural demands. Second, the reservoir will release to existing and future agricultural demands, plus release water to support flows at the Maybell gage for the Yampa PBO.

6. Lake Avery Reservoir Enlargement

Project Description: Yellow Jacket Water Conservancy District (YJWCD) is proposing enlarging Lake Avery. The pool created by enlarging the reservoir would be available to meet downstream demands. The reservoir would be expanded by raising the crest of the spillway. Lake Avery is currently owned and operated by Colorado Parks and Wildlife as a State Wildlife Area. The primary purposes of wildlife and recreation would be maintained, with only the enlargement pool available to meet downstream demands.

Model Structure Information: The state has assigned WDID (4303633) to Lake Avery and will be used and the model node identifier. The enlargement will occur in the same location as the current Lake Avery.

Structure Water Right: YJWCD has a conditional storage water right originally decreed for Sawmill Mountain Reservoir, located upstream of Lake Avery on Big Beaver Creek. This conditional storage right would be used to fill the enlargement pool. The storage right is for 10,000 acre-feet and has an Adjudication Date of December 31, 1975. The current water rights will continue to fill the existing Lake Avery pool.

Reservoir Capacity: YJWCD is interested in looking at two enlargement reservoir sizes:

- 1,261 acre feet – this corresponds to raising the spillway by 5 feet.
- 2,644 acre feet – this corresponds to raising the spillway by 10 feet and is the maximum amount the reservoir could be expanded without inundating the upstream Livingston Ranch