



IDAHO DEPARTMENT OF
WATER RESOURCES

BRBA FIELD EXAMINATION REPORT

Claim Number: 11-4214

Exam Date: 7/28/2026

Exam Time: 12:20 PM

IDWR Staff Present: Collin Macheel & Brian Wunsch.

Claimant/Representative Present:

☒ **No**

☐ **Yes**

Exam Location: 13S 43E 3 SWNW & NWSW.

Examiner's Signature:

Purpose of Exam: Verify extent of diversion works & take theoretical flow measurement.

Conclusion of Exam: Entire diversion works system was verified as claimed; described by Bryce Contor from Rocky Mountain Environmental Associates. The system has not been used for several decades, so no usable measurements could be taken. The ditches could have easily conveyed the claimed flow when they were new and maintained.

Exam Narrative:

Collin and I parked at the bottom of the upper dam where we observed the earthen structure that had been blown out and was not currently impounding the natural stream (Photos 1-3). On the natural stream below the dam, I found the remains of the west ditch and saw where it converged with the channel (Photo 4). I followed the west ditch until it was no longer recognizable, which was at the north side of the POU (Photos 5-7). Collin and I recorded flow measurements from the natural stream with a 5-gallon bucket (Photo 8). I was able to find where the east ditch converged with the natural stream (Photo 9). I followed what remained of its path until it was no longer defined (Photos 10-12). This was also at the north end of the POU.

Because the ditches were only faint traces of what they used to be, there was no opportunity for a theoretical flow measurement using Manning's equation. Collin and I both agreed that the two ditches would have no problem conveying the amount of water that has been claimed when they were in original condition.

Amendments Needed:

☒ No

☐ Yes:

Flow/Volume Calculations:

Bucket Flow Measurements from Natural Channel

Gallons/ seconds

- $2.5/9.08=0.275$
- $2.5/6.58=0.380$
- $2.0/6.69=0.299$
- $2.0/6.30=0.317$
- $3.5/8.06=0.434$

$1.705/5=0.341$ gallons per second average

$0.341 * 0.13368=0.05$ cubic feet per second

Photos:

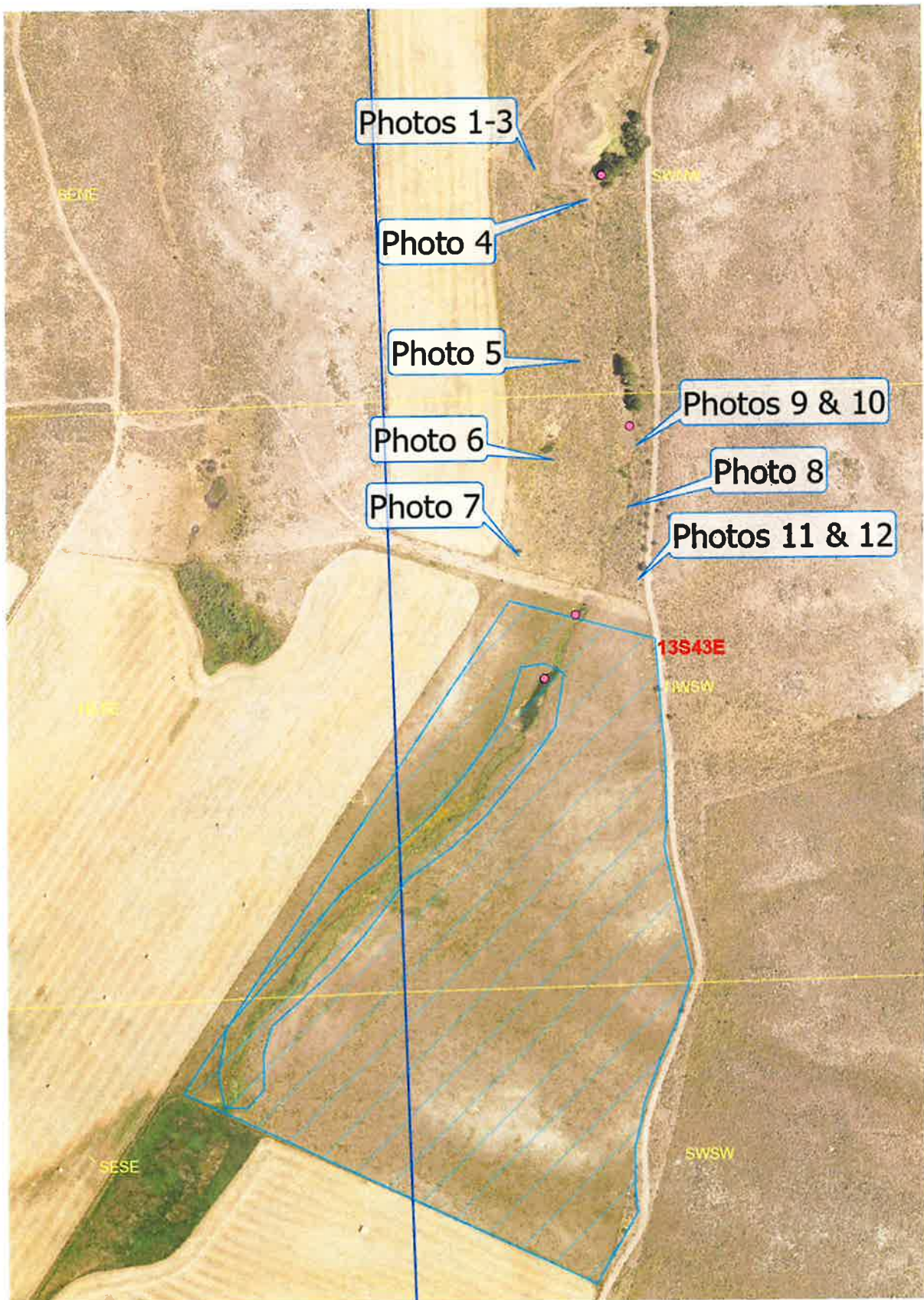




Photo 1: Dam upstream



Photo 2: Dam profile



Photo 3: Dam downstream



Photo 4: West ditch POD



Photo 5: West ditch



Photo 6: West ditch



Photo 7: West ditch terminus



Photo 8: Bucket measurement



Photo 9: East ditch POD

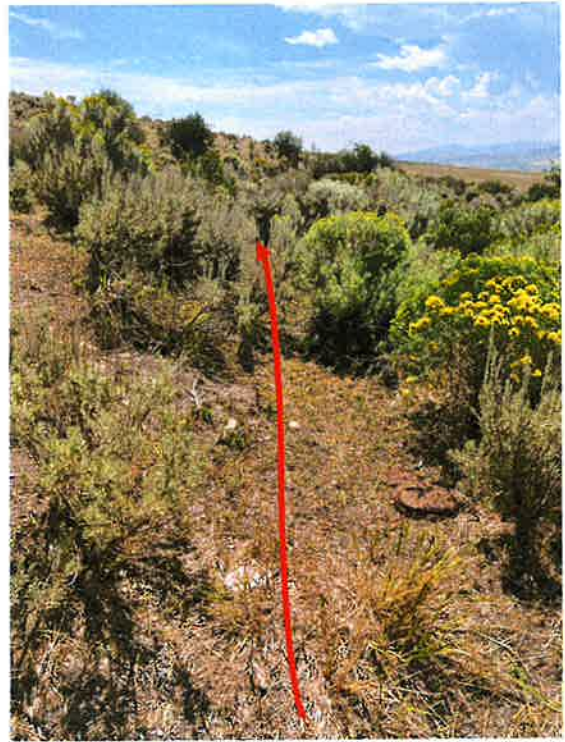


Photo 10: East ditch



Photo 11: East ditch



Photo 12: East ditch terminus