



IDAHO DEPARTMENT OF
WATER RESOURCES

BRBA FIELD EXAMINATION REPORT

Claim Number: 11-4044

Exam Date: 07/28/2026

Exam Time: 9:00 AM

IDWR Staff Present: Collin Macheel, Brian Wunsch

Claimant/Representative Present:

☐ **No**

☒ **Yes**

Exam Location: Fields South of 808 Long Sawmill Rd, Ovid, ID

Examiner's Signature:

Purpose of Exam: Beneficial Use Irrigation claim.

Summary of Exam: Met with claimant Kent Carlsen. Kent showed agents where the series of ditches are that divert the water from Snyder Creek to his irrigated fields.

Exam Narrative:

Agents began the field exam by investigating the diversion system. The main ditch diversion from Snyder Creek was in a location that was too brushy to be able to get to. However, subsequent branches of the main diversion were found throughout the claimed POU. The

claimant talked about how they will commonly alter the ditch system to get water where they need it.

Two fields that in aerial imagery have signs that they are clearly cut and harvested were found to not be irrigated at all. They are on a hill and can only be dry farmed. A second point of diversion was also discovered branching off Snyder Creek to a field that is only irrigated from this diversion. Canal company shares are also used for irrigation. The ditch that leads from the canal was shown to agents.

Explanation of Elements not Examined:

- ☐ POD:
- ☐ POU:
- ☐ Quantity:
- ☐ Other:

Amendments Needed:

- ☒ No
- ☐ Yes:

Flow/Volume Calculations:

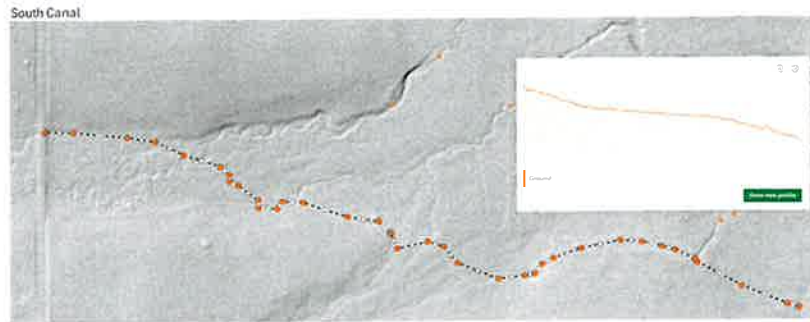
This test was taken during a historic drought year. The canal system exceeds the claimed diversion rate. No changes necessary for recommendation.

South Canal
 Elevation Change 40 ft
 Distance 2050 ft

Manning's Equation
Channel Rectangle
 Top 3 ft
 Depth 1.5 ft
 Area 4.5 sqft
 Perimeter 6.0 ft
 n (NCEES 2023 CE Ma 0.07

Q 11 cfs

Channel exceeds claim.
 Onsite vertical elevation survey confirmed lidar data.



North Canal Snyder Creek

Elevation Change 30 ft
 Distance 1450 ft

Manning's Equation
Channel Rectangle
 Top 2 ft
 Depth 1.5 ft
 Area 3 sqft
 Perimeter 5.0 ft
 n (NCEES 2023 CE Ma 0.07

Q 7 cfs



Central Canal Below Irrigation Share Input

Elevation Change 30 ft
 Distance 1100 ft

Manning's Equation
Channel Rectangle
 Top 2.5 ft
 Depth 1.5 ft
 Area 3.75 sqft
 Perimeter 5.5 ft
 n (NCEES 2023 CE Ma 0.07

Q 10 cfs

Central Canal Below Irrigation Share



East Northern Canal

Elevation Change 40 ft
Distance 1700 ft

Manning's Equation

Channel Rectangle

Top 3 ft
Depth 1.5 ft
Area 4.5 sqft
Perimeter 6.0 ft
n (NCEES 2023 CE Ma 0.07

Q 12 cfs

East Northern Canal



East Central Canal

Elevation Change 40 ft
Distance 2000 ft

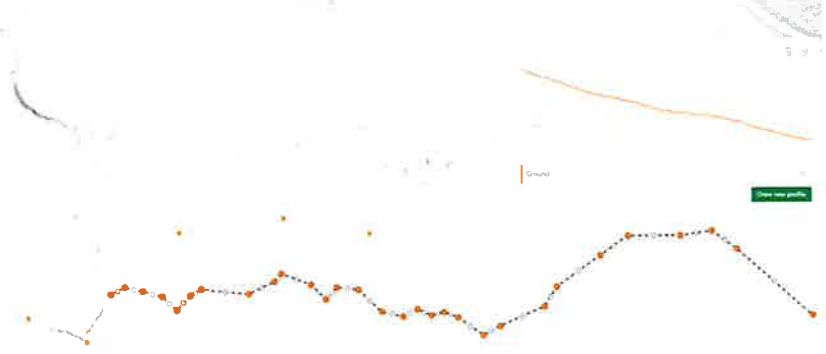
Manning's Equation

Channel Rectangle

Top 2 ft
Depth 0.7 ft
Area 1.4 sqft
Perimeter 3.4 ft
n (NCEES 2023 CE Ma 0.07

Q 2 cfs

East Central Canal



System Map:

POD Claimed POU Ditch System Canal Shares



Photos:

Figure A: View of the northern ditch and the above field that is dry farmed.



Figure B: View of the field that is being irrigated by the north ditch.



Figure C: Diversion from Southern Ditch into 3 ditches to supply 3 fields.



Figure D: Example of tee pipe that lets water out of the ditch onto the field.



Figure E: Southern Ditch



Figure F: Snyder Creek entering the POU via a culvert.

