

MEMO

Date: November 4, 2015

To: Notice of Claim File 94-4061

From: Linda Werner, Sr. Water Resource Agent J.W.

Subject: Field Inspection Findings of November 3, 2015

Accompanied By: Evan Roda, Sr. Water Resource Agent, IDWR
Justin Custis, W. Shoshone Hospital District
Tim Etherton, Kellogg Joint School District

Source: Jackass Creek Tributary to S. Fork Coeur d'Alene River

Point of Diversion: T49N, R3E, Section 30, SWSE, Lot 6

Water from Jackass Creek flows to an on-stream storage pond measuring 61' wide x 100' long, with average depth of 5'. Storage capacity calculated at 0.70 AF. (See Pond Worksheet, Attached) Water flows from pond through 8" pipe to Kellogg High School where it is used for irrigation of the grounds surrounding the school and the football field and baseball field. Irrigation is by buried pop-up sprinklers. Water is also used for fire protection.

Usage and Quantity:	Irrigation Storage: T49N R3E Sec. 30 SWSE (6)	1.0 AF
	Irrigation: T49N R3E Sec. 31 SENW	2.5
	NESW	<u>0.5</u>
		3.0

Total: 3.0 Acres @ 0.03 CFS/AC 0.09 CFS

Total Quantity: 0.09 CFS 1.0 AF

Irrigation from Storage: Same as Irrigation Place of Use



LOOKING SOUTH AT DAM AT HEADGATE, EMERGENCY SPILLWAY & PIPELINE VAULT



LOOKING NE AT FOOTBALL FIELD



LOOKING SE AT BASEBALL FIELD



ONE OF TWO HYDRANTS USED FOR FIRE PROTECTION

POND ANALYSIS SHEET
CLAIM 94-4061, JOINT SCHOOL DISTRICT #391

SOURCE: JACKASS CREEK TRIBUTARY TO S FORK COEUR D'ALENE RIVER
LOCATION: T48N, R3E, SECTION 30, SWSE (6)

POND SIZE: $61.0 \text{ FT} \times 100.0 \text{ FT} = 6100 \text{ SQ FT} / 43,560 = 0.14 \text{ ACRES} \times 5 \text{ FT DEEP} = 0.70 \text{ AF}$
EVAPORATION = $383 \text{ GPD} \times 245 \text{ DAYS} / 325,850 \text{ GAL/AF} = 0.29 \text{ AF}$
SEEPAGE = NOT APPLICABLE DUE TO ON-STREAM STORAGE

IRRIGATION STORAGE:	A. POND SIZE	0.7 AF
	B. EVAPORATION	<u>0.3 AF</u>
	TOTAL	1.0 AF