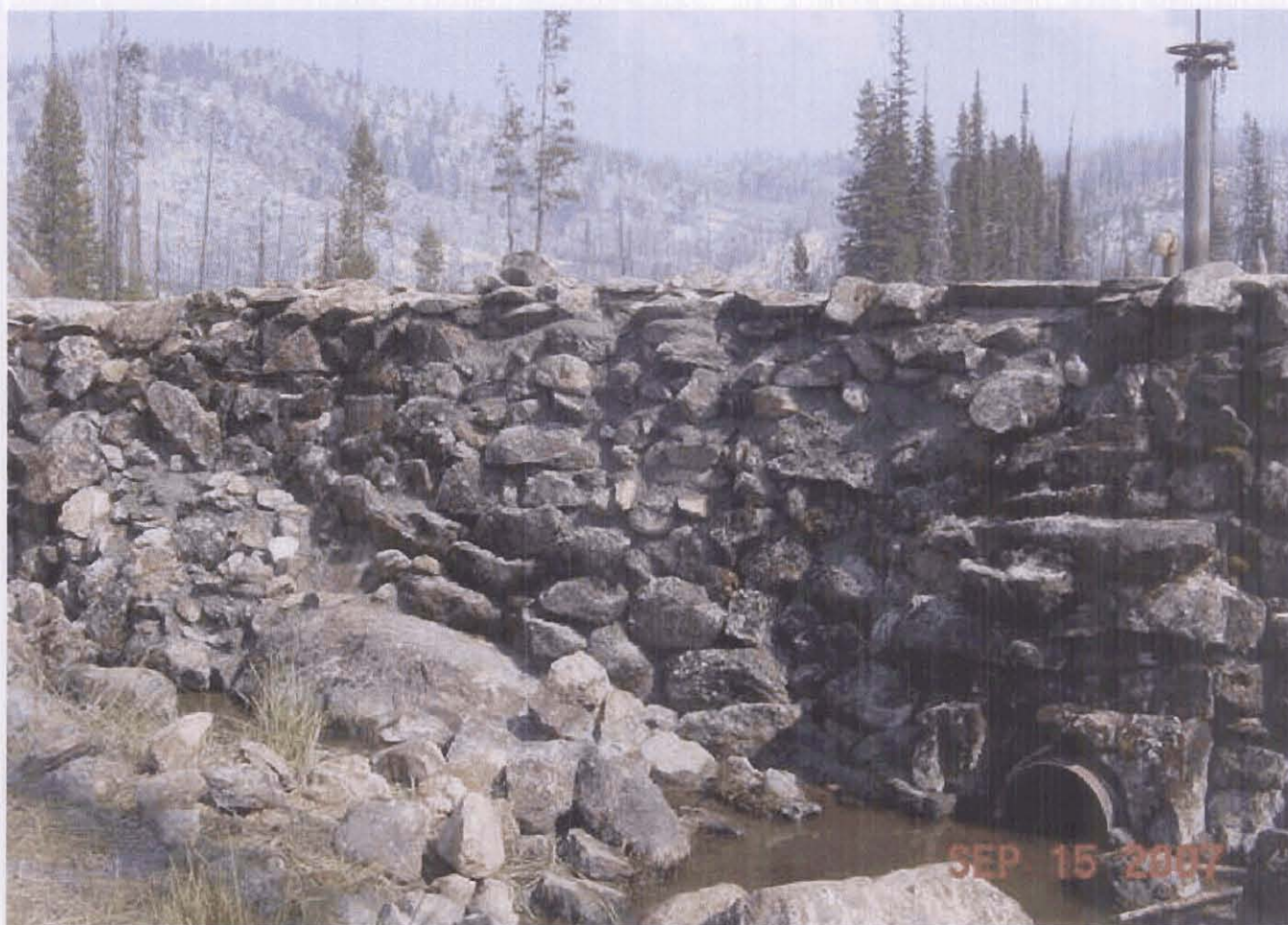




SEP 1 2007



SEP 8 2007

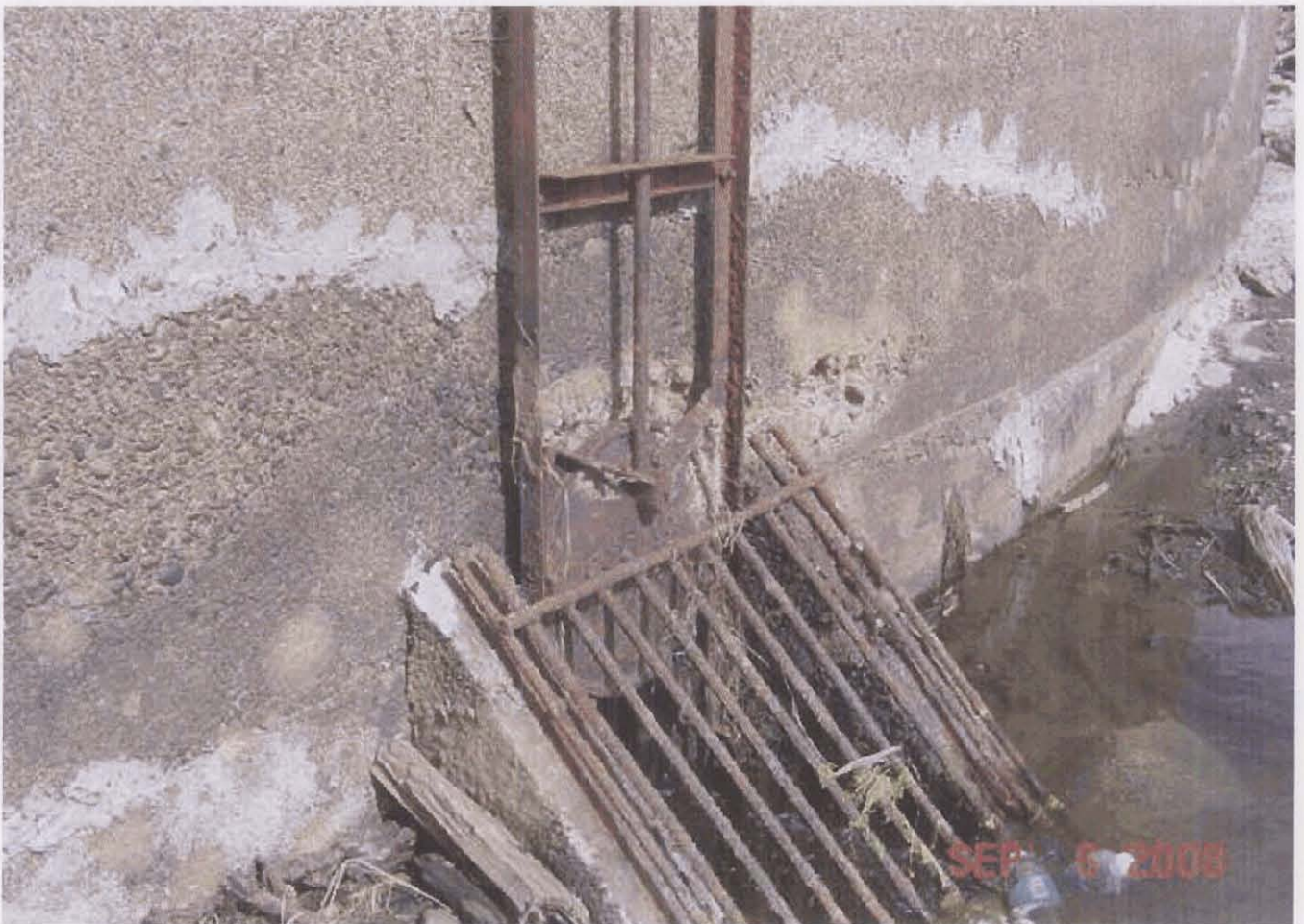




SEP 19 2007



SEP 15 2007











State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DAM SAFETY PHOTOGRAPHS



BLACKWELL

D65-2923

2/98

BY: J. Westra

on face of the dam.



view of the downstream face,
leakage through the rock at the



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

RECORD OF INSPECTION OF DAM

Name of dam: Blackwell (Fall Creek) Stream: Fall Creek ☐ Offstream

Name of owner: Joe Scott (new leasee) Location: 20-19N-4E

Individuals accompanying inspector: No one

Reservoir characteristics: Dam height 6 Ft Surface area 37 ac Storage capacity 178 AC-Ft

Hazard class: Low - no change Photographs: yes

CONDITION OF EMBANKMENT OR STRUCTURE: ☐ Poor ☒ Fair ^{to} ☒ Good ☐ Excellent

Type: ☐ Earth ☐ Rockfill ☐ Conc. arch ☐ Conc. gravity ☐ Timber crib ☒ Other Rock masonry

	UPSTREAM SLOPE	CREST	DOWNSTREAM SLOPE	TOE AREA
Surface cover material	Rock masonry - concrete			
Growth	None			
Settlement or cracks	None			
Surface erosion	None			
Debris	None		Minor drift wood	
Animal burrows	None			
Crest width and slope measurements	Vert	2 Ft. width.	Vert.	

CONDITION OF OUTLET WORKS: ☐ Poor ☒ Fair ☒ Good ☐ Excellent

Location: ☐ Left side ☒ Center ☐ Right side ☐ Other

Description and condition: 18" CMP Thru the dam

Gate hoist: ☒ Manual ☐ Electric ☐ Other

Stem: ☐ Inclined from entrance to crest ☐ Vertical on tower at entrance

☒ Vertical through dam from crest ☐ Downstream valve

Entrance: Submerged Outlet: open discharging

CONDITION OF SPILLWAY: ☐ Poor ☒ Fair ☒ Good ☐ Excellent

Location: ☐ Left abutment ☐ Right abutment ☐ Away from dam ☒ Other Flow over

Flow over - Base width 50 ft Freeboard at crest 0 Sideslope Mild Channel slope 6' drop Fetch ± 1/8 mi

Overflow channel: ☒ Well defined ☐ Flow directed away from toe ☐ Flow could reach toe

Erosion control present: Rock / concrete Erosion present: None

Maintenance condition: Debris Minor driftwood Growth None

SEEPAGE:

Reservoir level during inspection: slightly spilling over crest

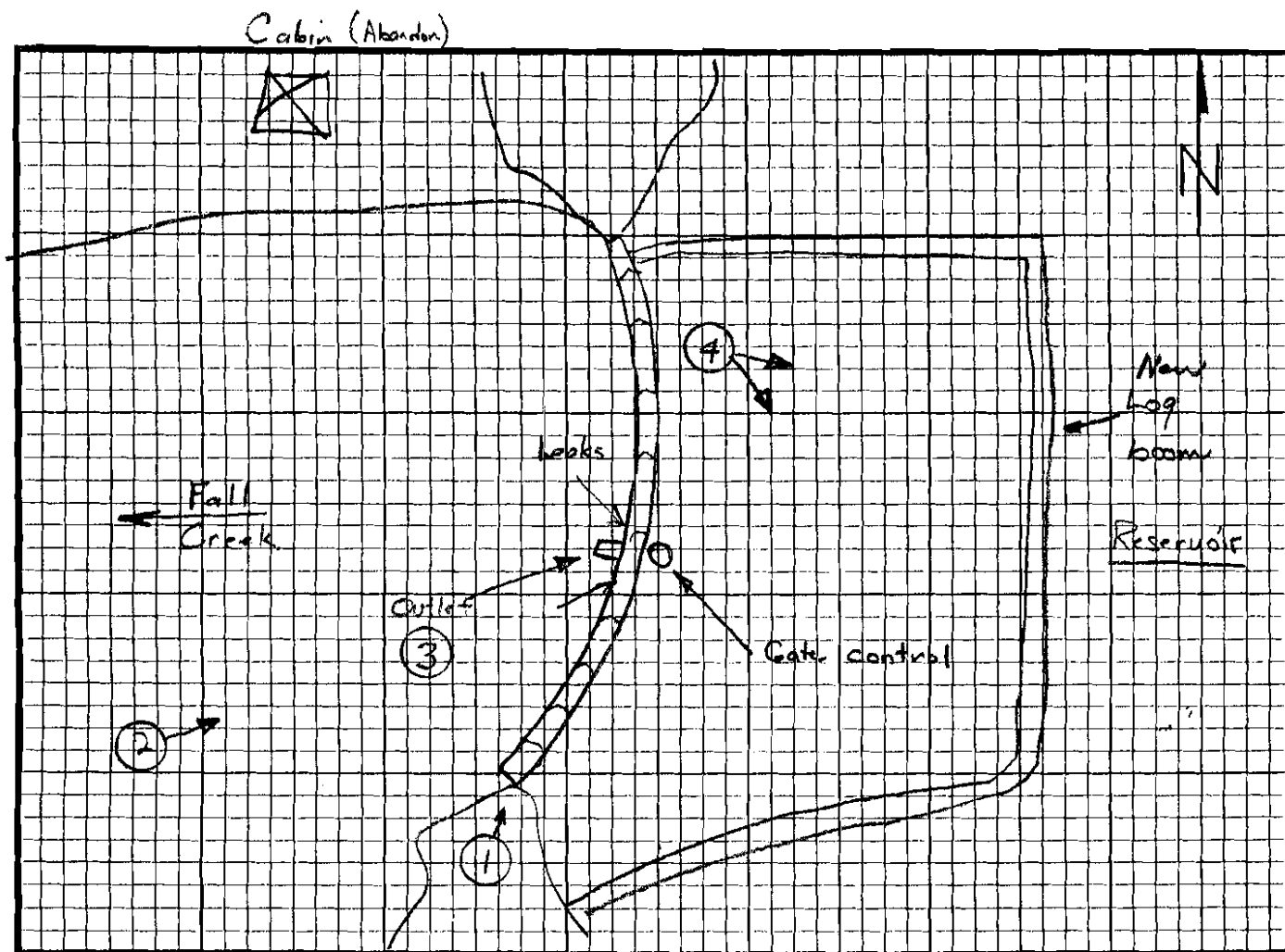
	TOE AREA	DOWNSTREAM SLOPE	ABUTMENTS	OTHER
Piping of material evident (Est. G.P.M.)				
Flowing water (Est. G.P.M.)	Significant leakage through mortar between rocks near outlet pipe, photo #3			
Marshy or standing water				
Damp				
Evident from growth present				

GENERAL CONDITION AND DESCRIPTION OF DAM: Fair-Good, the new leasee has done considerable work in removing/burning driftwood, and constructing a new log boom. It appears the dam has always leaked significantly from previous inspections, and this is the case at present, photo #3. The structure appears stable, even though there is some missing/deteriorated mortar.

INSTRUMENTATION READINGS (Piezometer, Seepage measurement, Alignment, Elevation, etc.)

None.

SKETCH OF DAM SHOWING LOCATION OF SPILLWAY AND OUTLET WORKS AND ANY MAINTENANCE PROBLEMS:



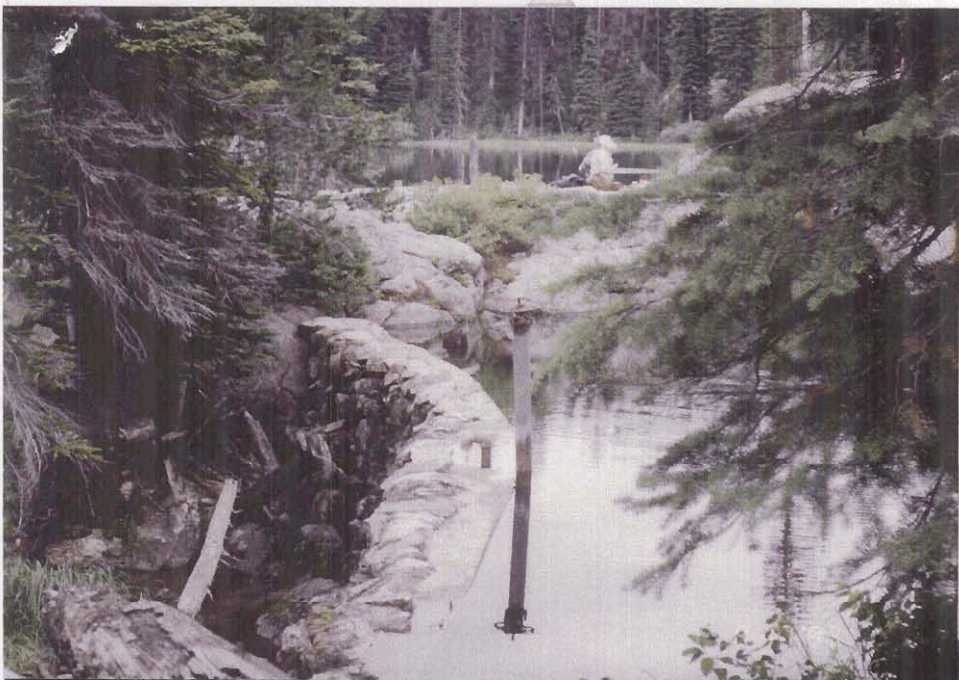
RECOMMENDATIONS:

Maintenance:

1. Continue to remove driftwood/debris from the area.
2. Keep outlet gate and control in good working order.
3. Monitor leakage thru the dam, repair mortar where leakage is concentrated.
4. Maintain log boom.

Date: 8/17, 1993

Inspected by: J. Westra, Western Reg.



DEPARTMENT OF WATER RESOURCES

SAFETY PHOTOGRAPHS

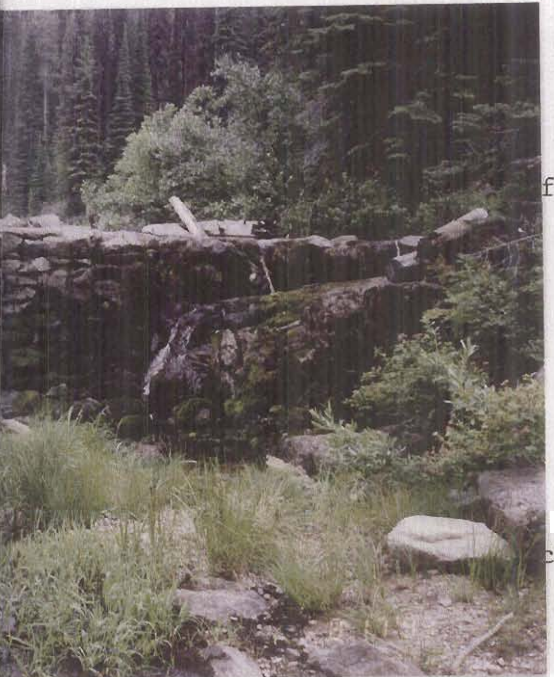


LACKWELL
5-2923

DATE: 8/17/93

BY: J. WESTRA
WESTERN REC

1. Crest and gate control of the rock dam, taken from the left abutment.



face,

area.
cks



4. Overview of the reservoir, new log boom in front of the dam, good

