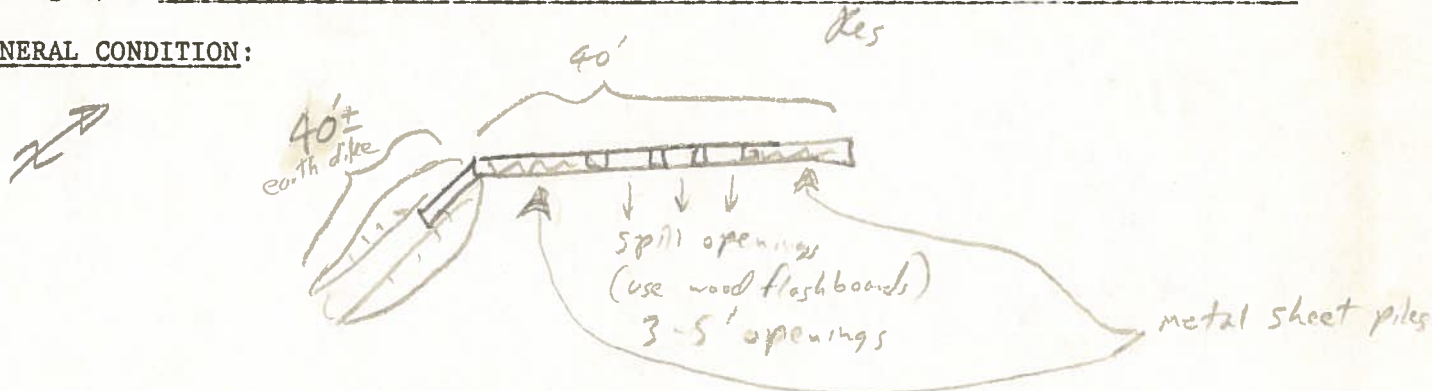


STATE OF IDAHO

DEPARTMENT OF WATER ADMINISTRATION

Permit No. _____

RECORD OF INSPECTION OF DAM

File No. 95-XX01Name of Dam: Fernan LakeStream: Fernan LakeName of Owner: Fernan Lake VillageLocation: 19-50N-3WRepresentative of Owner: None PresentPrimary Inflow Source: Nat. Runoff ☒ Controlled: Upstrm. Rel. ☐ Offstrm. Div. ☐Development Downstream: Forest ☐ Agric. ☐ Recreation ☐ Main Road ☐ Populated ☐Access to Dam: Improved Road ☒ Unimproved Road ☐ Bad Road ☐ Trail Only ☐Reservoir Characteristics: Dam Ht. 6' Surface Area _____ Storage Capacity _____Photographs: # 34 and 35GENERAL CONDITION:CONDITION OF EMBANKMENT OR STRUCTURE:Type: Earth ☐ Rockfill ☐ Conc. Arch ☐ Conc. Gravity ☐ Timber Crib ☐ Other Metal Sheet Pile

	Upstream Slope	Crest	Downstream Slope	Toe Area
Surface Cover	Earth		Rocks	
Growth	Earth section has grass & weed cover			
Settlement or Cracks	OK →			
Debris				
Animal Burrows				
Approx. Slope		3' crest ±		

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Name of Dam: Fernon Lake

CONDITION OF OUTLET WORKS:

Location: Left Side ☐ Center ☒ NONE Right Side ☐ Other ☐

Description: _____

Control: Hoist: Manual ☐ Electric ☐ Other ☐
Stem: Inclined from entr. to crest ☐ Vert. on tower at entrance ☐ Vert. thru dam from crest ☐ Downstream Valve ☐

Condition: _____

Entrance: _____

Outlet: _____

CONDITION OF SPILLWAY:

Location: Left Abutment ☐ Right Abutment ☐ Away from Dam ☐ Other Center overflow

Base Width 3-5' section Depth at Crest Full ht Sideslope vert Channel Slope good Fetch 200 ft
uses flashboards

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

Erosion Control Present: Rocks below overflow section

Erosion Present: Insignificant

Maintenance Condition: Debris none Growth Mud above & below structure is cleaned

SEEPAGE:

	Toe Area	Downstream Slope	Abutments	Other
Piping Evident				
Standing Water				
Marshy				
Damp				
Evident from growth present				

RECOMMENDATIONS:

Fair Condition
Remove all growth immed. above & below structure

Date: 22 Sept, 1971 Inspected by: L. Smith

November 9, 1966

C
O
P
Y

Ralph Johnson, Chairman
Fernan Lake Village Board
Route #3, B ox 244
Coeur d'Alene, Idaho

Dear Mr. Johnson:

We have reviewed the copy of the plans for construction of a control dam at the outlet of Fernan Lake submitted with your recent letter.

Since this dam will not be over ten feet in height and solely for the purpose of control of the natural outflow of the lake, approval of this office is not required, but we will appreciate your keeping us advised of the progress of any construction that you do in connection with this.

Very truly yours,

R. KEITH HIGGINSON
State Reclamation Engineer

RKH:ew

Enclosure

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Fernan Lake Village

ROUTE 3 - COEUR D'ALENE, IDAHO

September 28, 1966

Mr. Carl Tappen
State Reclamation Engineer
State House - Boise, Idaho

RECEIVED
NOV 3 1966

Department of Reclamation

Mr. Merle Harding
State Highway Dep't.
1917 Gov't Way
Coeur d'Alene, Idaho

Mr. Jerry Mallett
State Fish & Game Biologist
2320 Gov't. Way- Coeur d'Alene, Idaho

Mr. Joe Harrer
U. S. Soil Conservation
Federal Bldg.
Coeur d'Alene, Idaho

Mr. Marvin Vandenberg
Idaho State Land Sup't.
River Ave. - Coeur d'Alene, Idaho

Mr. Ed Ring
State Forest Office
River Ave. - Coeur d'Alene, Idaho

Gentlemen:

The original proposed dam at Fernan Lake was to be built at the entrance of the water into the culvert which flows under U S 90 - 10 at the Village of Fernan City limits. Since the owners of Lamp Liter & Monte Vista Motels expressed a strong desire to have the dam on the West side of the highway where engineers had originally planned - the village board decided to change the plans to accommodate the above named - Glen Wyatt of the Lamp Liter, and Mrs. Schmidt of the Monte Vista Motels.

Enclosed please find a copy of the engineers plans which we hope meets with your approval. Unless we hear from you further, we will proceed with the construction at once before bad fall weather.

Respectfully,

Ralph Johnson

Ralph Johnson
Chairman, Village Board

MICROFILMED

FERNAN LAKE VILLAGE
Rt. #3 Box 244
Coeur d'Alene, Idaho

RECEIVED
NOV 3 1966

Department of Reclamation

Sept. 28- 1966

To Agencies, Bureaus and others concerned:

Mr. Don MacDonald has been in touch with each of you regarding the creation of a continuous flow of water at the outlet of Fernan Lake which should provide more pure water in this lake.

The advantages of the purer water in Fernan Lake are many of which we are all aware, fishing, boating, swimming and other recreation to name a few.

It is the intention of interested parties residing near and adjacent to Fernan Lake to build a small dam at the outlet which would control the runoff in a more continuous manner, and yet not be a detriment to anyone and at the same time cause the water to become more pure and clear by maintaining a level 24 to 30" higher than at this date. (This would be the normal of a few years ago.)

This accomplishment will, no doubt, add to the many natural assets of the North Idaho area and we ask that you assist in any manner you can so this venture may become a successful reality.

Respectfully,

Ralph Johnson
Chairman, Village Board

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