

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

Application No. J-107

Filed February 27, 1968

APPLICANT MUST NOT FILL IN ABOVE BLANKS

APPLICATION FOR APPROVAL OF THE PLANS AND SPECIFICATIONS FOR THE CONSTRUCTION, RECONSTRUCTION OR ALTERATION OF A DAM

This application involves in no way the right to appropriate water To secure the right to appropriate water, application should be made to the State Engineer on forms which will be furnished upon request.

I, John F. Smales of Elko Name of applicant Post office

County of Elko State of Nevada, hereby make application for the approval of the

plans and specifications for the Construction of 5th Street Wash dam. Construction, reconstruction, alteration Name of dam

The owner of the proposed dam is the City of Elko Name of owner

of Elko County of Elko State of Nevada Post office

If the owner is a corporation, give name and address of president and secretary—

The applicant is acting for the owner in the legal capacity of City Engineer Agent, Lessee, Trustee, etc.

Location of Dam

1. The source of water to be stored is 5th Street Wash which is a tributary of Humboldt River and the proposed dam to be located within the SE 1/4, Sec. 9, Tp. 34 N, R. 55 E, in Elko County, Nevada.

Description and Dimensions of Dam

(If for an alteration, the data given below are for the altered dam)

- 2. Type of dam earthfill 3. Length of crest 1050 ft.
4. Height stream bed to spillway crest 29.3 ft. 5. Height foundation to spillway crest 27.4 ft.
6. Freeboard 5.4 ft. 7. Thickness at top 14.0 ft. 8. Thickness at bottom 190 ft.
9. Slope upstream* 3.5:1 -10. Slope downstream* 2:1 11. Upstream facing* compacted earth-fill
12. Amount of material in dam 48,900 cu. yds. - 13. Estimated cost \$105,665
14. Spillway data earth; 520 cfs; freeboard hydrograph 2175 cfs
15. Outlet data ungated reinforced concrete pipe principal spillway; 5 cfs
16. Elevation of crest of dam 5216.2 above sea level datum
17. Area of reservoir at spillway level 10.5 acres. 18. Capacity of reservoir 94 ac. ft.

General Information

19. State the purpose of the dam floodwater detention
Diversion only; storage only; storage and diversion; debris storage, etc.

20. State the use that is to be made of water no water to be stored
Municipal, domestic, irrigation, power, mining and milling, recreation, or stockwatering

21. Engineers Engineering & Watershed Planning Unit
Name and address of Engineer preparing plans
Soil Conservation Service, 209 SW Fifth Street, Portland, Oregon

22. If the proposed dam is to be built under Federal supervision, state what department has jurisdiction
United States Department of Agriculture - Soil Conservation Service.

23. The maps, plans and specifications accompanying this application are a part thereof.

[SIGNED] John Smales
Applicant

this 26th day of Feb, 19 68

APPROVAL OF APPLICATION NO. J-107, INCLUDING THE PLANS AND SPECIFICATIONS

This is to certify that Application No. J-107, including the plans and specifications for the Fifth Street Wash dam has been examined and the same is hereby approved, subject to the following conditions:

The approval of this application does not waive the provisions of NRS 535.020 Section 2, which requires the permittee to provide for the installation of fishways and for the protection of fish in streams impounded by the dam as provided by law.

The State Engineer shall be notified when construction is to begin and also when the dam is completed. During construction the resident engineer shall submit progress reports of work completed.

Witness my hand and seal this 5th day of March, 19 68

Adland D. Weiberg
State Engineer.

