

STATE OF NEVADA  
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

Application No. J-122

Filed June 15, 1970

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 South Side 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 South Side Wash which is a tributary of the Humboldt River  
Name of Stream Stream  
and the proposed dam to be located within the NW  $\frac{1}{4}$ , Sec. 23, Tp. 34N, 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 Earth Fill 3. Length of crest 495 ft.  
Concrete arch or gravity, earth, rockfill, etc.
- 4. Height stream bed to spillway crest 15.7 ft. 5. Height foundation to spillway crest 33.4 ft.
- 6. Freeboard 4.2 ft. 7. Thickness at top 12 ft. 8. Thickness at bottom 110<sup>+</sup> ft.  
Spillway crest to top
- 9. Slope upstream\* 3:1 10. Slope downstream\* 2:1 11. Upstream facing\* earth  
\*This information to be supplied for earth or rockfill dams. Concrete or rock paving, etc.
- 12. Amount of material in dam 23,200 cu. yds. 13. Estimated cost \$ 169,000  
Approximate
- 14. Spillway data Earth; Principal Spillway & Aux. Spillway - 1653 cfs capacity  
Type, capacity, etc.
- 15. Outlet data Ungated reinforced concrete pipe spillway to Humboldt River; 467 cfs capacity  
Type, capacity, etc.
- 16. Elevation of crest of dam 5136.3 above mean sea level datum  
Approximate elevation to be given if true elevation not available
- 17. Area of reservoir at spillway level 4.8 acres. 18. Capacity of reservoir 25.0 ac. ft.

General Information

- 19. State the purpose of the dam Flood Prevention  
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 United States Department of Agriculture - Soil Conservation Service  
Name and address of Engineer preparing plans  
P. O. Box 4850, Reno, Nevada 89505
- 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 F Smiles  
Applicant  
 this 10<sup>th</sup> day of June, 19 70

**APPROVAL OF APPLICATION NO. J-122, INCLUDING THE PLANS AND SPECIFICATIONS**

This is to certify that Application No. J-122, including the plans and specifications for the South Side 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 engineer shall submit progress reports of work completed.

Witness my hand and seal this \_\_\_\_\_ day

of \_\_\_\_\_, 19\_\_\_\_  
Robert D. [Signature]  
 State Engineer.

1970 JUN 15 PM 1 03

STATE ENGINEER  
 OFFICE