

R- 35680

Name U. S. Department of Interior
 By Bureau of Land Management
 Address P. O. Box 713
Burns, Oregon

Date filed July 28, 1961
 Priority July 28, 1961
 Action suspended until Oct 961

Returned to applicant
 Date of approval August 10, 1964

CONSTRUCTION

Date for beginning August 10, 1965
 Date for completion October 1, 1966
 Extended to

Date for application of water
 Extended to

PROSECUTION OF WORK

Form "A" filed
 Form "B" filed Complete
 Form "C" filed

Blank mailed **FINAL PROOF**
JUN 22 1979
 Proof received
 Date certificate issued **FEB 17 1989**

Application No. R- 35680
 Permit No. R- 4036
 Certificate No. 60273

Stream Index, Page No. 12-2 J
 Correspondence in R- 35663
36598

FEES PAID

Date	Amount	Receipt No.
<u>12-11-61</u>	<u>1.00</u>	<u>31988</u>
	B. P. Fee	
	\$1 Cert. Fee	

FEES REFUNDED

Date	Amount	Check No.

ASSIGNMENTS

Date	To Whom	Address	Volume	Page

REMARKS

Side Hill Reservoir and storage of 0.34 a.f. of water from Longhollow Creek
 (Catlow Valley drainage) for livestock.

Form A1-187
March 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SECTION

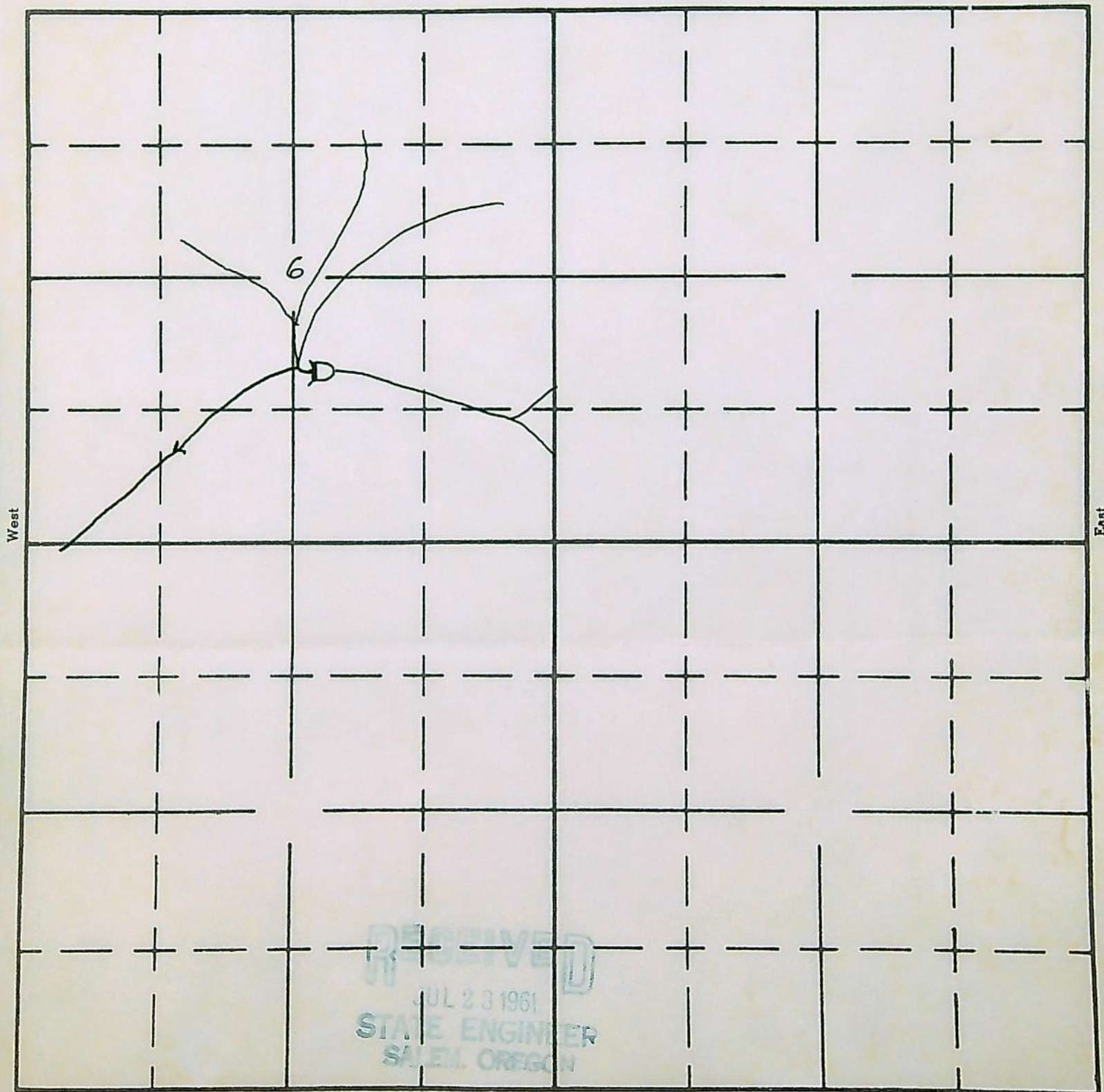
Oregon State Water Filings

NW 1/4 SE 1/4

TOWNSHIP 37S, RANGE 32 1/4 W. M.

Sec 6

North



RECEIVED
JUL 23 1961
STATE ENGINEER
SALEM, OREGON

South

APPLICATION No. R-35680
PERMIT No. R-4036

STATE OF OREGON

BLM No. 09-0326

COUNTY OF

SIDE HILL RES.

PROOF OF APPROPRIATION OF WATER

This is to show evidence that

UNITED STATES BUREAU OF LAND MANAGEMENT acting by and through its BURNS DISTRICT
 office of 74 So. ALVORD BURNS OR 97720 has
Address City State Zip
 perfected a right to the use of waters within the terms of Application R-35680, Permit R-4036,

1. Sources of water supply SPRING FED
2. Use LIVESTOCK / WILDLIFE
3. Priority date 7-28-61
4. Amount stored 2.2 ACRES FT.
5. Location NE 1/4, SW 1/4, Section 6, T. 37 S, R. 32 1/4 E W.M.
6. Does application map show correct location of reservoir? NO
 If not, please redraft location.

RECEIVED

APR 4 1984

AFFIDAVIT OF APPROPRIATOR

WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON)
 County of HARNEY) ss.

I, THOMAS R. THOMPSON JR., being first duly sworn, depose and say that I have read the above and foregoing proof of appropriation of water; that I know the contents thereof, and that facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this 16th day of MARCH,
 19 84.

Thomas R. Thompson Jr.

Subscribed and sworn to before me this 16th day of MARCH, 19 84

Michael S. Watice
 Notary Public for Oregon

My commission expires 5/84

STRUCTURAL DETAILS

7. If not in channel of a stream, state how it is filled SPRING FED

Est. 4-5 gpm

8. The maximum height is 15 feet above stream bed or ground surface at the center-line. The top width is 12 feet, slope of upstream face 3:1, slope of downstream face 2:1, and height of dam above water line when full _____ feet.

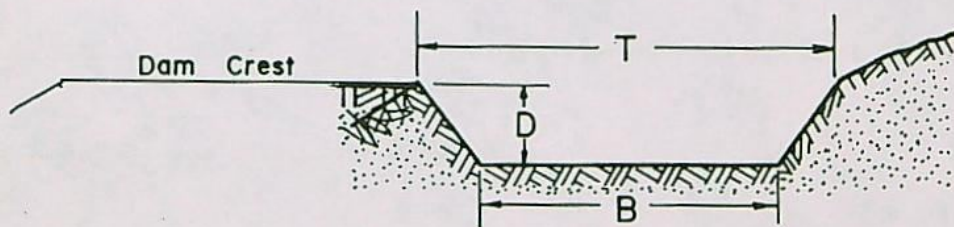
9. The dam is (check one) ☒ earthfill, _____ concrete, _____ flashboard, _____ other. If "other," give description: _____

Horseshoe Shape Dugout on side of hill.
Spillway Depth & Dam Height are not proportionate
to max water depth. Spillway is natural flow
around end of dam, no cut.

10. Give the location, description, and dimensions of the outlet conduit: NONE

(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time.)

11. Give the location and dimensions of the spillway None See Above
(State whether over or around dam)



The bottom width of the spillway, B, is _____ feet.

The top width of the spillway, T, is _____ feet.

The distance between the crest of the dam and the crest of the spillway, D, is _____ feet.
(Must be at least 2 1/2 feet)

If any other type of spillway, describe and give dimensions:

From Above, Ac. Ft. cap. based on 8' Ave Depth x
200' W x 60' L = 96000 = 2.2 Ac Ft
43,560

Abstract of Permit No.

8-4036

Application No.

Certificate No.

R-35680

Name

Bureau of Land Management

Address

P. O. Box 723

Burns, Oregon

Source of water supply

Long Hollow Creek, trib. Catlow Valley Drainage

Use

Storage in Side Hill Reservoir for livestock

Point of diversion

NE SW

NE SW
~~1/4~~ Sec. 6, T. 37 S., R. 32 3/4 E., W. M.,
 in the county of Harney

Number of acres

in the county of Harney

DESCRIPTION OF LAND TO BE IRRIGATED OR PLACE OF USE

[illegible]

Priority date

July 28, 1961

Amount of water

2.2

~~2.34~~ acre foot, stored water only

Time limit to begin construction

August 10, 1965

Time limit to complete construction

extended to

extended to

Time limit to completely apply water

10-1-66

extended to

extended to

Remarks:

09-6002-326

SECTION

Oregon State Water Filings

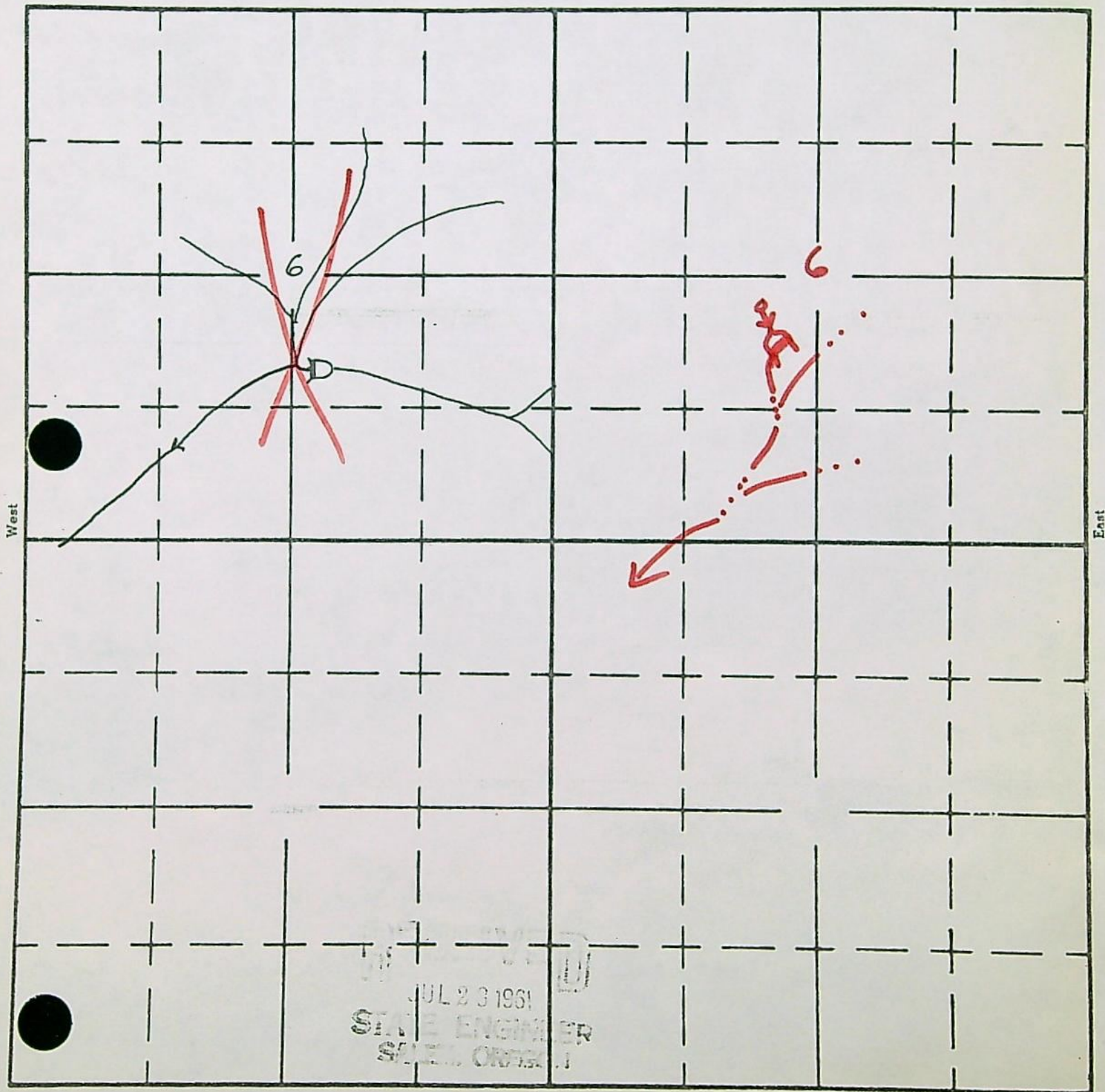
~~NW 1/4 SE 1/4~~

NEWS

Sec 6

TOWNSHIP 37₅, RANGE 32³/₄ W. M.

North



South

APPLICATION No. R-35680
PERMIT No. R-4036

September 14, 1964

Bureau of Land Management
P.O. Box 713
Burns, Oregon

Gentlemen:

Enclosed find the following applications and permits:

<u>Appl.</u>	<u>Permit</u>	<u>Appl.</u>	<u>Permit</u>	<u>Appl.</u>	<u>Permit</u>	<u>Appl.</u>	<u>Permit</u>
R-35006	R-3988	R-35513	R-4009	R-35640	R-4024	R-35689	R-4039
R-35008	R-3990	R-35514	R-4010	R-35644	R-4025	R-35690	R-4040
R-35009	R-3991	R-35515	R-4011	R-35645	R-4026	R-35691	R-4041
R-35010	R-3992	R-35516	R-4012	R-35646	R-4027	R-35692	R-4042
R-35011	R-3993	R-35517	R-4013	R-35647	R-4028	R-35693	R-4043
R-35012	R-3994	R-35518	R-4014	R-35652	R-4029	R-35694	R-4044
R-35013	R-3995	R-35519	R-4015	R-35663	R-4030	R-35696	R-4045
R-35014	R-3996	R-35520	R-4016	R-35665	R-4031	R-35697	R-4046
R-35015	R-3997	R-35521	R-4017	R-35669	R-4032	R-35698	R-4047
R-35474	R-4002	R-35522	R-4018	R-35670	R-4033	R-35699	R-4048
R-35507	R-4003	R-35627	R-4019	R-35677	R-4034	R-35705	R-4049
R-35508	R-4004	R-35628	R-4020	R-35679	R-4035	R-35706	R-4050
R-35509	R-4005	R-35629	R-4021	R-35680	R-4036	R-35711	R-4051
R-35510	R-4006	R-35634	R-4022	R-35685	R-4037	R-35712	R-4052
R-35511	R-4007	R-35635	R-4023	R-35686	R-4038	R-35713	R-4053
R-35512	R-4008						

PLEASE READ CAREFULLY THE FOLLOWING INSTRUCTIONS

Your permits have been recorded in this office but you should hold the original permits as evidence of your water right.

The permit, which appears on the third page of the application, fixes time limits for beginning of construction, and completion of construction. The law requires that you begin actual construction work within one year from the date of issuance of the permit or your right will be lost. The State Engineer is authorized to extend the time for completion of construction upon proper showing but has no authority to extend the time limit for beginning of construction.

September 14, 1964

Forms may be attached to each permit for your convenience in submitting (A) Notice of Beginning of Construction and (B) Notice of Completion of Construction. Only the appropriate and needed forms, if any, will be attached.

When notice has been received that the project has been completed under the provisions of the permit, an inspection or survey will be made by the State Engineer and the permittee will be given opportunity to submit final proof of appropriation. When proof satisfactory to the State Engineer has been made, the right will be confirmed by issuance of a water right certificate. The certificate will limit the right to the extent that water has been applied to beneficial use in accordance with the terms of the permit.

Very truly yours,

CHRIS L. WHEELER
State Engineer

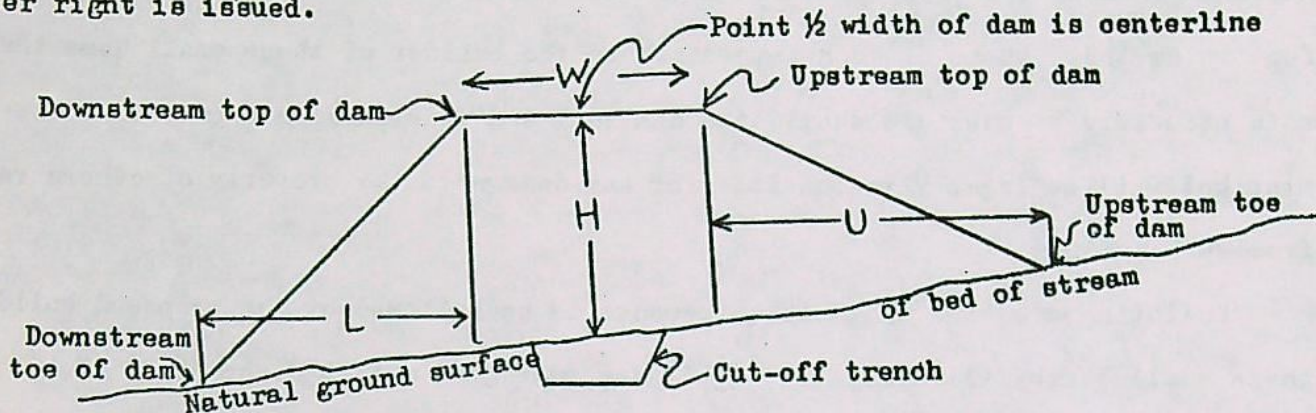
By
Walter N. Perry, Assistant

ok

Enclosures

Before a permit is issued approving an application proposing the construction of a dam less than 10 feet high and storing less than 3,000,000 gallons of water, the information following the sketch below must be filed with the State Engineer, and must conform with the dimensions and description of the dam given in the application. The height is measured from the lowest point of the ground surface or from the lowest point in the stream bed to the top of the dam on the center line of the dam. The data required is that of the maximum section or at the point where the dam is to be highest above the natural ground surface or stream bed.

All dams will be inspected by the State Engineer or his assistant before certificate of water right is issued.



All dimensions given below must conform to minimum requirements shown on other side.

Earth Dam:

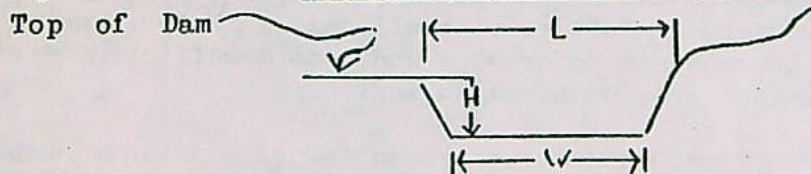
Amount of water impounded 0.34 acre feet.

Top width of dam indicated on sketch by letter "W" 12 feet.

Height of dam measured from top of dam to ground surface or bed of stream on center line of dam or a point $\frac{1}{2}$ the top width of the dam, indicated on sketch by letter "H" is 10 feet.

The horizontal distance from upstream top of dam to upstream toe indicated on sketch by letter "U" is 30 feet.

The horizontal distance from downstream, indicated on sketch by letter "L" is 20 feet.



Spillway:

Approximate drainage area of creek above dam 3/4 square mile.

Bottom width of spillway, indicated on sketch by letter "W" is 10 feet.

Top width of spillway, indicated on sketch by letter "L" is 12 feet.

Distance between top of dam and bottom of spillway at the upper end, indicated on sketch by letter "H" is 3 feet.

Outlet:

Size and type of outlet pipe through base of dam which will allow free passage of the natural flow of the stream none.

The applicant herewith agrees to build the dam in accordance with the above dimensions, and the requirements given on other side.

RECEIVED

JUL 23 1961

STATE ENGINEER
SALEM, OREGON

Carl P. McClellan
Signature of Applicant

ADDITIONAL INFORMATION TO BE SUBMITTED WITH APPLICATIONS PROPOSING CONSTRUCTION OF DAMS LESS THAN 10 FEET IN HEIGHT OR IMPOUNDING LESS THAN 3,000,000 GALLONS

Under Oregon laws the builder is not required to submit plans and specifications, prepared by a registered professional engineer, for approval of the State Engineer for the construction of dams less than 10 feet in height and storing less than 3,000,000 gallons of water (9.2 acre feet or the amount that will cover 9.2 acres of land 1.0 foot in depth). It is of much importance to the builder of these small dams that a safe structure be built as should the dam fail the owner will not only lose his investment but will be legally responsible for any damage to the property of others resulting from such failure.

Following are some of the requirements to be followed by the proposed builders of these small earth fill dams: The applicant must give a full description of the proposed dam in the application which shall be subject to the approval of the State Engineer:

1. Width of crest of dam should be not less than 8 feet;
2. Upstream slope not steeper than 3 horizontal to 1 vertical; and
3. Downstream slope not steeper than 2 horizontal to 1 vertical;
4. Spillway channel should be constructed around either end of dam but not over top. It should have at least twice the capacity required to carry heavy winter flows or spring runoffs without overtopping the dam and should be lined if necessary to prevent erosion of embankment. The depth of the spillway should be sufficient to maintain a minimum distance of 2 feet from the crest of the dam to the water surface in the reservoir during the maximum flood. (This is important as experience has shown that insufficient spillway capacity is the principle cause of failure of small dams.) Water passing over spillway should be returned to creek channel at a sufficient distance downstream to prevent erosion of embankment.
5. All brush, stumps, roots and vegetable matter of all kinds should be cleared from area to be occupied by base of dam and from borrow pits.
6. Asphalt dipped corrugated iron pipe with gate at inlet should be installed to permit draining reservoir. Pipe to be bedded in a trench in the natural ground and not on filled ground. Provision must be made to allow the free passage of the natural flow of the stream at any time. Prefabricated concrete pipe is not acceptable unless encased in concrete.
7. Not less than two cut-off collars should be constructed. These collars should be constructed of concrete with a thickness of not less than 6 inches and should extend from the outside of the pipe a distance of not less than 18 inches in all directions. These cut-off collars should be constructed above or upstream from the center of the dam. Prefabricated asphalt dipped metal cutoff collars are also satisfactory.
8. Material placed in embankment should be free from brush, stumps, roots and vegetable matter of all kinds.
9. Material should be brought in and placed in embankment from ends of dam and spread in thin layers not over 6 inches thick and compacted by carryalls, rubber tired equipment, or compacting rollers traveling the length of the dam.