

\* Reservoir Permit No. 11 5083

## Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, Regional Director, Region I	(Name of Applicant)
ofP. O. Box 8008, Boise	(Mailing Address)
State of Idaho	, do hereby make application for a permit to construct the
following described reservoir and to store t	he unappropriated waters of the State of Oregon, subject to
existing rights.	
	date and place of incorporation
1. The name of the proposed reservoir	is Mason
2. The name of the stream from whic	h the reservoir is to be filled and the appropriation made is
	Mason Dam
tributary ofSnake River	
3. The amount of water to be stored	is 114,000 a.f. including approx. 14,000 acre feet.
4. The use to be made of the impound	led water is
5. The location of the proposed reserv	(Irrigation, power, domestic supply, etc.)  voir will be in Sec. 14,15,16,17,18,19,20,21,22,23,24,25,2
	(Give sections or townships to be submerged) ounty ofBaker
	of running stream and give character of material at outlet
	s to about 200 feet. Bed-rock on valley floor has
**************************************	o'walls on each side.
	ım, state how it is to be filled. If through a feed canal, give
name and aimensions	
6. The dam will be located in SWASE	\$\frac{1}{4} \text{ Sec. 24, NW\frac{1}{4}NE\frac{1}{4}} \text{, Sec. 25} \text{,} (Smallest legal subdivision)
Tp. 10 S.,, R. 38 E. W.M. The mo	aximum height will be167 feet above stream bed or ground
surface on center line of dam. The length on	top will be 930 feet; length on
bottomf	feet; width on top55 feet; slope of front
	back; height of dam above water line
	ve spillway lip. Height above maximum water surface

\* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

earth core. Ill	ws: Dam will be a sand, gravel and rockfill structure with	
	ostream face protected by 3 foot layer of riprap over 18 in	iches of
gravel		~44~***********
,		
	tion of wasteway with dimensions are as follows:Immediately adjace	nt to left
capacity of appuse capacity in against the in-	vill be a concrete lined chute 20 feet wide anchored in rocoroximately 14,000 a.f. (max w.s. El. 4076.0) plus 21,000 and combination with spillway discharge of 900 cfs is provide flow design flood which has a peak of 9560 cfs and 15-day v	.f.'in joint
9. The locat	ion of outlet from the proposed reservoir, with character of construction an	d dimensions,
	ntake structure, tunnel and gate structure in left abutment (All dams across natural stream channels must be provided with an outlet conduit, of such capacity and	
normal flow of the stream	·	
reservoir eleva	ation 4076.	
10. The are	a submerged by the proposed reservoir, when full, will be 2,450	acres,
with a maximum	depth of water ofl61	epth of water
40	feet.	
11. The est	imated cost of the proposed work is \$7,092,000 for dam and reserv	oir
	ction work will begin on or beforeStarted	:
	ction work will be completed on or beforeluly_1, 1969	ĸ
20. 0010301 4	One work will be completed on or bejore	
	(Signature of applicant)	ou_
	Acting Regional Director	
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STATE OF OREG	ON )	
County of Mari	ss.	
This is to ce	rtify that I have examined the foregoing application, together with the c	ccompanying
maps and data, an	d return the same for	
	retain its priority, this application must be returned to the State Engine	eer, with cor-
In order to		
	fore, 19	
rections, on or be	fore, 19, 19	

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et to the following limitations and conditions: The right herein granted is limited to the construc	This is to certify that	: I have examined		application and do	hereby grant th	
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Application No. 12. 31037
Reservoir Permit No. 13. 53555

## PERMI

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the Land day of Land M.

Returned to applicant:

Approved:

April 4, 1968

Reservoirs, on Page

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CHRIS I., WHEELER
STATE ENGINEER

Drainage Basin No. 9 page 264