

Application No. R-72135

JAN 10 1982
VOTED

State of Oregon
WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

Applicant(s) United States Dept. of Interior, Bureau of Land Management, Medford Dist.
(Please print or type - use dark ink)

Mailing Address: 3040 Biddle Road

<u>Medford</u>	<u>Or.</u>	<u>97504</u>	<u>(503) 770-2200</u>
City	State	Zip	Daytime Phone No.

I (We) make application for a permit to construct Burma (AKA Secesh) reservoir and store the following described waters of the State of Oregon: * Reservoir is existing

1. **SOURCE OF WATER** for the proposed use: Secesh Gulch (creek),
a tributary of Wolf Creek.

If not in channel of a stream, state how it is to be filled: Diversion from Secesh Gl., open ditch
to Reservoir.

2. **THE DAM:** The maximum height of the structure ~~XXXX~~ is 14.00 feet above stream bed or ground surface at the centerline.

The dam will be (check one) ☒ earthfill, ☐ concrete, ☐ flashboard, ☐ other.

If "other" give description: _____

Give the location, description, and dimensions of the outlet conduit: Existing conduit appears to be a 12 inch diameter steel pipe with a 12 inch diameter gate valve attached to outlet end. Refer to attached CWRE report.

NOTE: All dams across natural stream channels must be provided with an outlet conduit, minimum diameter of 8", or be of such capacity and location as to pass the normal flow of the stream at any time.

3. **THE USE(s)** of the impounded water will be: Recreational

4. **THE AMOUNT OF WATER** to be stored is: ~~23.52~~ 27.67 * acre-feet.
The area submerged by the reservoir, when filled, will be ~~3.75~~ 3.95 * acres,
and the maximum depth of water will be 11.50 feet.

5. **SPILLWAY DESCRIPTION** (location and dimensions). State whether over or around the dam. Existing spillway is situated at the northeast corner of the dam embankment in natural ground adjacent to dam. Spillway is a "V" shaped channel 2 - 2.5 feet deep.

* See letter dated _____, received 6/18/92

6. **PROJECT SCHEDULE:** (List month and year)

Proposed date construction work will begin Please see remarks and attached CWRE report

Proposed date construction work will be completed _____

Proposed date water use will be completed existing, currently in use.

NOTE: A map prepared by a Certified Water Right Examiner (CWRE) and a complete legal description of the subject property are required under ORS 537.140 and OAR 690 as a part of your application. The legal description may be copied from your deed, title insurance policy, or land sales contract.

7. a) In the event any deficiencies are noted involving the application map enclosed herein, please return the map with instructions for correction to (check one):

X Applicant _____ CWRE _____ Other (Identify in REMARKS section)

- b) In the event any deficiencies are noted involving the application, please return the application with instructions for correction to (check one):

X Applicant _____ CWRE _____ Other (Identify in REMARKS section)

Please provide notification to both applicant and CWRE.

8. Are all lands involved (including the proposed diversion site, place of use, and access for conveying the water) under your ownership? YES. If not, list in the REMARKS section below, or on an attached sheet, the names and mailing addresses of the legal owners of all property involved in the proposed development.

REMARKS: Ref. No. 6 Dam and reservoir is an existing structure and site. No construction or reconstruction to embankment or spillway is planned other than the recommendations contained within the CWRE report. A minimum of 2 years is required to program funds for such modifications.

NOTE: The permit, when issued, is for the beneficial use of water without waste. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. It is possible the land use you propose may not be allowed if it is not in keeping with the goals and acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.

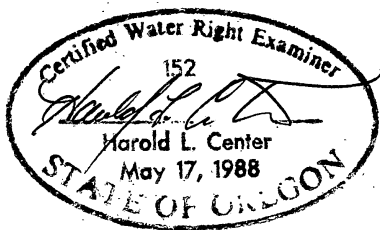
David A. [Signature]
Signature of Applicant

January 7, 1992
Date

District Manager, Medford District, Bureau of Land Management

Signature of Co-Applicant, if any

Date



FOR WATER RESOURCES DEPARTMENT USE ONLY

Dear Applicant:

I certify that I have examined the foregoing application, together with the accompanying information, and am returning it to you for:

In order to retain its tentative priority, this application must be returned with the requested corrections or additions on or before:

_____, 19____.

WITNESS my hand this _____ day of _____, 19____.

Water Resources Director

By:_____

This instrument was first received in the office of the Water Resources Director at _____,
Oregon, on the _____ day of _____, 19____, at _____ o'clock, ____ M.

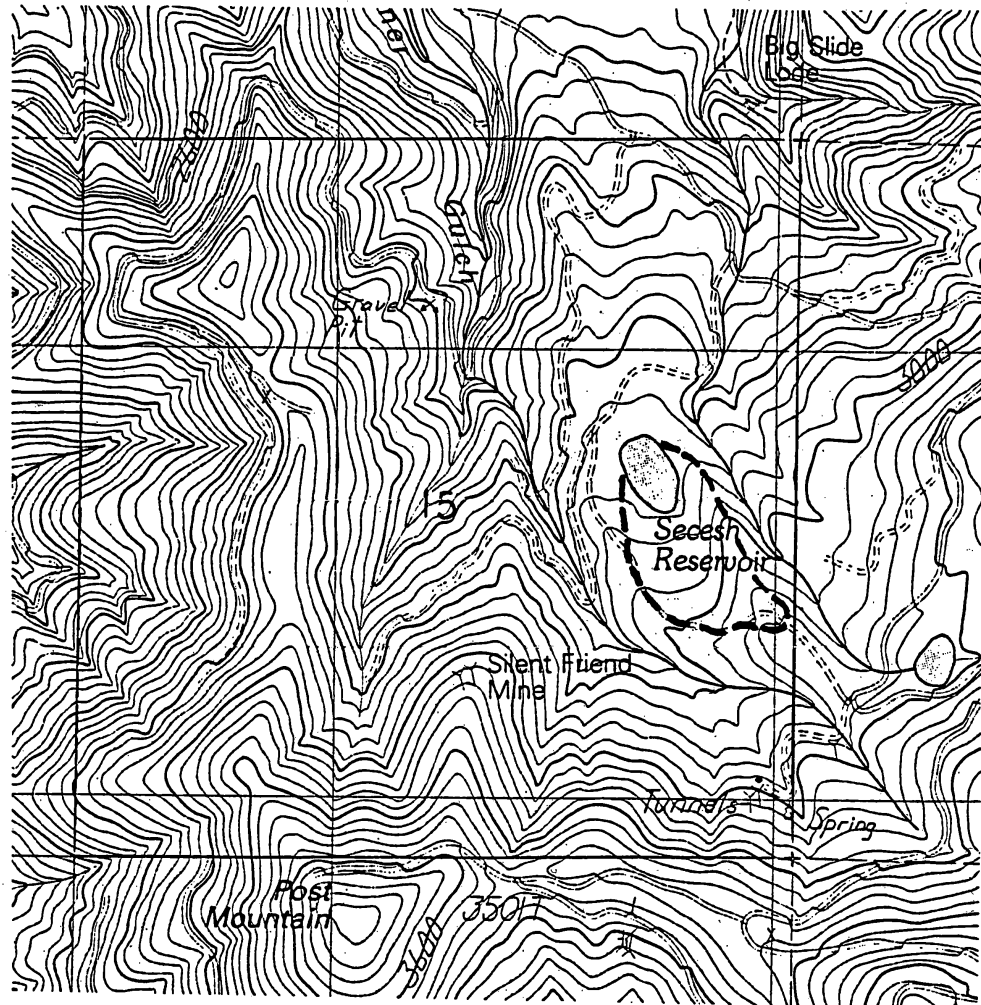
APPLICATION NO: _____

U.S. DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
MEDFORD DISTRICT

Application No. **R72135**
Permit No.

MAP SHOWING DRAINAGE BASIN - BURMA RESERVOIR

SECTION 15, TOWNSHIP 33, RANGE 5 West, W.M.



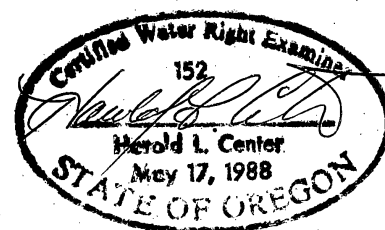
--- DENOTES LIMITS OF DRAINAGE BASIN

Area is primarily forested land, less than 20% of the area is bare land
Topography is moderate rolling, with some areas of steep ground, average
slope is 40%. Drainage Basin contains 60 acres.

HAROLD L. CENTER

W.R.E. No. 152

Permit # **R11790**



U.S. DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
MEDFORD DISTRICT

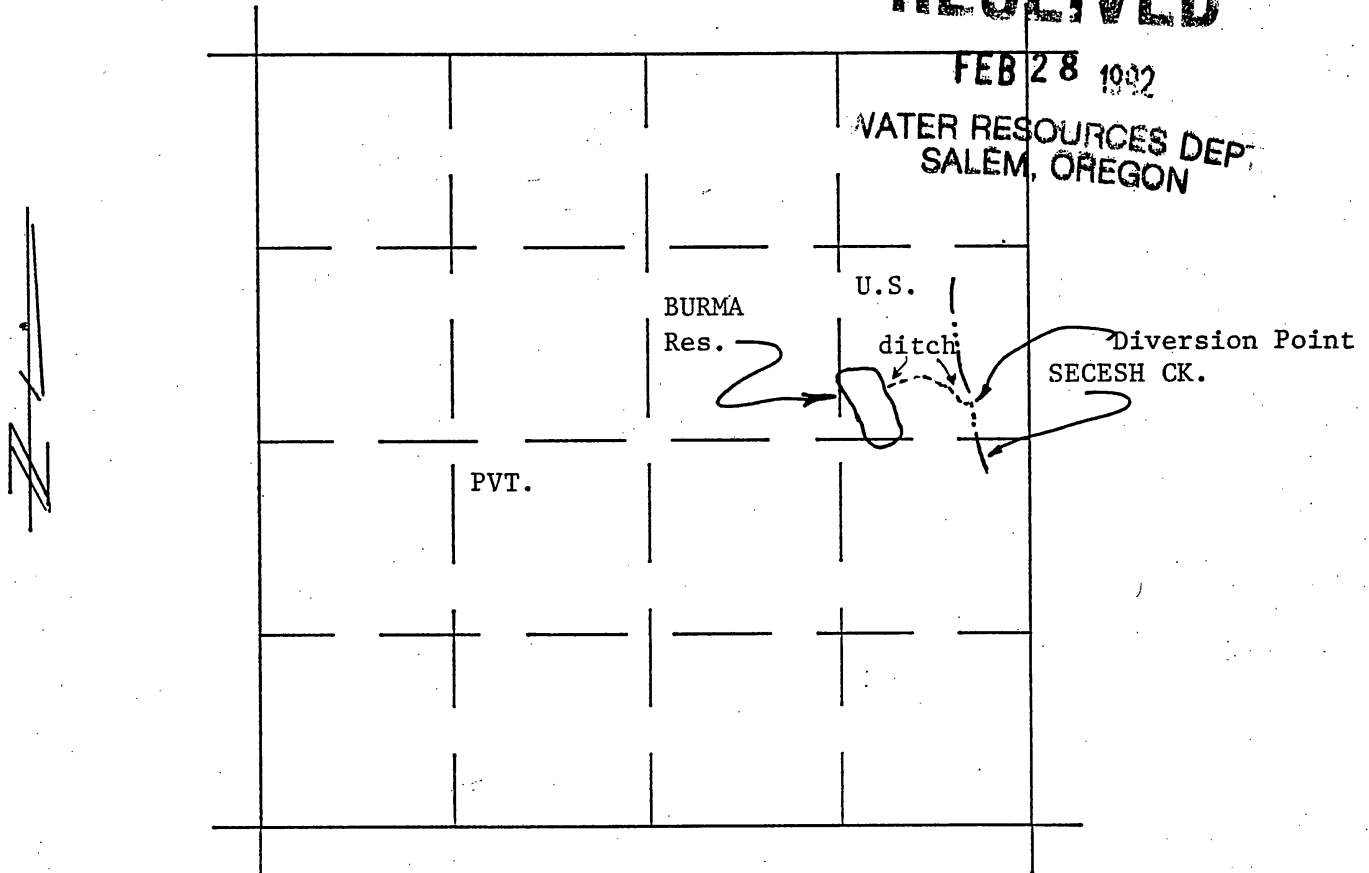
MAP TO ACCOMPANY APPLICATION FOR WATER USE PERMIT
SHOWING DIVERSION POINT LOCATION

SECTION 15, TOWNSHIP 33 South, RANGE 5 West, W.M.
REFERENCE: N/A CO. ASSESSORS MAP NO. N/A

RECEIVED

FEB 28 1992

WATER RESOURCES DEPT.
SALEM, OREGON

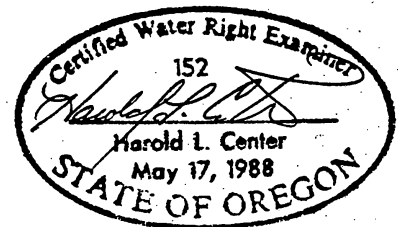


THIS MAP IS FOR THE PURPOSE OF IDENTIFYING THE
LOCATION OF THE WATER RIGHT ONLY AND IS NOT
INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATIONS
OF PROPERTY OWNERSHIP LINES.

DIVERSION LOCATION: Reservoir is situated in
SE1/4NE1/4, SW1/4NE1/4, NE1/4SE1/4 Section 15

Diversion point is 62.04 feet North and
888.45 feet East of the Centereast 1/16
corner Section 15.

OWNERSHIP: U.S.D.I. Bureau of Land Management
3040 Biddle Rd.
Medford, Or. 97504



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Permit No.

SITE REPORT TO ACCOMPANY RESERVOIR APPLICATION

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OAR CHAPTER 690 - 20

Applicant: United States Dept. of Interior
Bureau of Land Management
Medford District Office
3040 Biddle Road
Medford, Oregon 97504

Reservoir Name: Burma Pond, A.K.A. Secesh Reservoir

Location: Northeast 1/4 Section 15, Township 33 South, Range 5 West, Josephine County, Oregon. The reservoir is situated 6 miles easterly of Wolf Creek, Or. at North Latitude 42° 42' 14" and West longitude 123° 16' 27".

Narrative: The reservoir is an existing site constructed circa 1920 to provide water for mining operations. Original certificate No. 7847 was forfeited for non use.

The dam is an earth fill structure situated in a natural valley and is not a instream structure. Surface drainage area is approximately 60 acres.

The reservoir is supplied with water from Secesh Gulch which is a tributary of Wolf Creek. Water is diverted from Secesh Gulch and transferred to the reservoir by open ditch.

The outlet conduit is situated in the northwesterly section of the dam, (refer to axis cross section B). No inspection could be made of the portion of the conduit situated under the dam embankment. The conduit appears to be 12 inch diameter steel pipe. The inlet end is submerged and could not be inspected, no determination of the structural configuration could be made. There is no visual evidence of the conduit on the water side of the reservoir. A 12 inch diameter enclosed gate valve is attached to the outlet end of the conduit with a short segment (2-4 feet) of discharge pipe attached to the valve. The valve opens using a control wheel that fits down over a cone shaped slotted yoke situated on top of the valve. No wheel was present and it was not possible to determine if the valve is functioning. Without a control wheel specifically designed to fit the yoke it would be very difficult or impossible to open or close the valve.

The outlet end of the conduit is situated in a ditch leading to the north and away from the embankment. The area around the outlet is silted in and very damp. It was impossible to determine if the moisture is due to leakage from the conduit valve or "piping" of water along the conduit or both. The leakage is minor and does not appear to affect the stability of the embankment. Evidence of minor repairs to the embankment were noted between September and December 1991 in the area of the conduit. The repairs were to stop water seepage as a result of rotted organic material within the dam embankment or tunneling by rodents.

The water side of the embankment has some small conifers, blackberries and brush. The area has considerable vegetation growing on the dam surface, large fir and pine trees along with various types of brush exist.

An emergency spillway is situated at the northeast corner of the dam. The spillway is a "V" shaped ditch approximately 2-2.5 feet deep and shows no sign of erosion.

Use is recreational, access to the reservoir will be limited to foot travel.

Dam embankment height is 14.00 feet and the reservoir impounds 23.52 acre feet of water. The reservoir surface area is 3.75 acres. As-built plans of the reservoir area are attached.

Recommendations

The proposed use for the reservoir is recreation, ie; fishing and picnicking. To provide for public safety and resource protection the following modifications or additions need to be made.

Access: Restrict vehicle access from BLM road No. 33-5-10.2 to the reservoir. At a minimum install a gate at the entrance to the dam to prevent vehicles from driving across the top of the dam. Access by administrative vehicles may be applicable where necessary.

Vegetation: Remove all vegetation from the waterside and top of the dam embankment. Seed and mulch this area with appropriate seed.

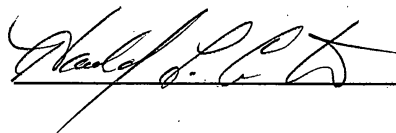
Remove all dead trees including stumps, backfill stump depressions and compact replaced soil from the top of the dam to the lower toe of embankment fill. Remove all low growing vegetation and limbs from live trees to a height of 6 feet above ground surface. Annually perform maintenance of embankment to remove brush and any remaining trees that may have died.

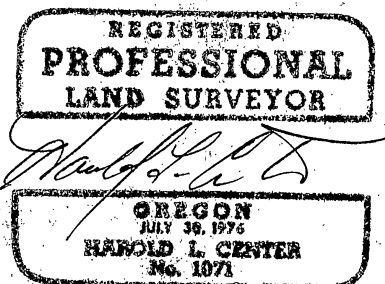
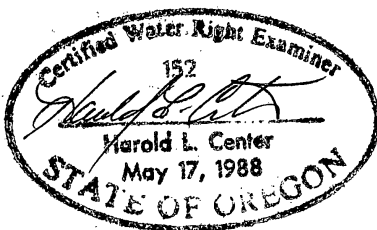
Spillway: Reconstruct spillway to a 6 foot minimum flat bottom surface with 1.5 to 1 side slopes. Place pitrun rock in bottom of channel to restrict erosion. Install a trash rack or collector across spillway entrance to prevent debris from entering and plugging spillway. A series of near vertical metal posts driven on 6 inch spacings in an arc across the spillway inlet is recommended. Any device that prohibits trash from plugging the spillway is acceptable.

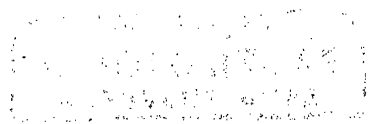
Conduit: A properly designed conduit with drop-inlet riser sized to handle diverted flow volume and excess runoff and control gate valve is recommended. The length of time the dam has existed without such a conduit indicates the need for this type of conduit is not urgent. The existing conduit should be removed and replaced with a properly designed conduit at some future date. In the current condition it would be difficult to drain the reservoir. Diverted water could be stopped and the reservoir pumped if an emergency existed that required such action. Considering the use is recreational such as fishing and swimming, in the event of a drowning, the provision for quickly draining would be a plus.

Date of Examination: September 10, 1991 and December 4, 1991.

Certification: I, Harold L. Center, Certified Water Rights Examiner, State of Oregon, Certificate No. 152 do hereby certify that I have performed an inspection and survey of the reservoir and diversion site. The facts contained within this report and accompanying map are true and correct to the best of my knowledge.

 Date Dec 31 1991

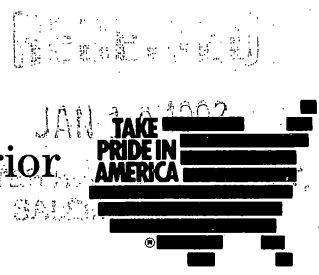






Application No. 72135
United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Medford District Office
3040 Biddle Road
Medford, Oregon 97504



IN REPLY REFER TO:
7250(11300)
R103(LL:ms)

Water Rights Division
Water Resources Department
3850 Portland Road NE
Salem, Oregon 97310

Dear Sir:

Enclosed please find the following documents for the Burma Reservoir (aka Secesh Reservoir):

1. Application for Permit to Construct a Reservoir.
2. Application for Permit to Appropriate Surface Water.
3. As-constructed drawings of the reservoir and dam.
4. Certified Water Rights Examiner narrative report.
5. Purchaser order for \$600.00.

As-constructed plans and recommendations for the alterations of the dam have been prepared by Mr. Harold L. Center, PLS, CWRE. Mr. Center has considerable experience in design and construction of small dams and will serve as our qualified representative for any modifications or alterations. Mr. Center is an employee of the Rogue River National Forest working under an interagency agreement for the Bureau of Land Management to provide services of a Certified Water Rights Examiner.

Questions should be directed to either Laurie Lindell, District Hydrologist, Bureau of Land Management, (503) 770-2254 or Harold L. Center, Land Surveyor, (503) 776-4253.

1319 E. McAndrews Rd.
Medford 97504

Sincerely,

David A. Jones
District Manager

5 Enclosures

cc: Harold L. Center
Rogue River NF
P O Box 520
Medford, Oregon 97501