

Application No. R-62601 Permit No. R 8298

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

RECEIVED

SEP 8 1981

I, U.S. Fish and Wildlife Service

(Name of Applicant)

WATER RESOURCES DEPT.

SALEM, OREGON

of P.O. Box 457

(Mailing Address)

Ridgefield

(City)

State of Washington

98642

(Zip Code)

Phone No. (206) 887-4071

do hereby make application for a permit to construct the Smith-Bybee Lakes reservoir

and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is Columbia Slough

tributary to Willamette River

2. If not in channel of a stream, state how it is to be filled. overflow during high water runoff

3. The dam will be located in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 36

Township 2N, Range 1W, W. M.

4. The maximum height will be 14 feet above stream bed or ground surface at the centerline. The top width will be 15 feet, slope of upstream face 2:1 slope of downstream face 2:1, and height of dam above water line when full 3 feet.

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

If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit: 60" diameter CMP 50' long

with 72" diameter CMP half-round riser with removable timbers 10' high located in

(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)

center of earth fill.

Application No. R-62601

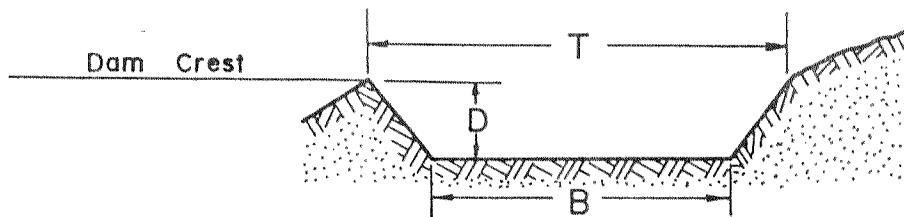
Permit No. R 8298

7. The impounded water will be used for minimizing or eliminating conditions which foster avian botulism in the local waterfowl population during later summer.

8. The amount of water to be stored is 3,672,100 acre feet.

9. The area submerged by the reservoir, when full, will be 839 acres, and the maximum depth of water will be 5 feet.

10. Give the location and dimensions of the spillway none lakes do not have inlet
(State whether over or around dam)



The bottom width of the spillway, B, will be _____ feet.

The top width of the spillway, T, will be _____ feet.

The distance between the crest of the dam and the crest of the spillway, D, will be _____ feet.
(Must be at least 2½ feet)

If any other type of spillway describe and give dimensions:

11. Construction work will begin on or before as soon as permits received

12. Construction work will be completed and the reservoir filled by October 31, 1981

Remarks: Construction completed by October 31, 1981; reservoir filled by

June 30, 1982

Application No. R-62601

Permit No. R 8298

**Permit to Construct a Reservoir
and Store for Beneficial Use the Public Waters
of the State of Oregon**

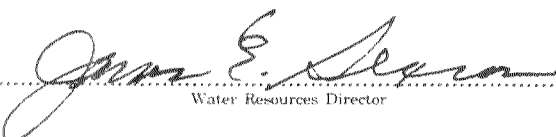
This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of
Smith and Bybee Lakes Reservoir and storage of water from Columbia Slough, to be
appropriated under Application 62602, Permit 45974, for minimizing or eliminating
conditions which foster avian botulism, and the dam shall be constructed under the
supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 4,100 *acre feet.*

The priority date of this permit is September 8, 1981 for 3,692 acre feet
September 24, 1981 for 408 acre feet

Actual construction work shall begin on or before September 30, 1982 *and*
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1,
19.83.

WITNESS my hand this 30th *day of* September, 19.81


Water Resources Director

John W. Linschbe
Signature of Applicant
Project Leader

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before....., 19.....

..... *Water Resources Director*

By

Application No. R-62601

Permit No. R 8298

Application No. R-60261
Permit No. R 8298

DEPARTMENT OF
WATER RESOURCES
DO NOT SEND OUT

RECEIVED

SEP 24 1981

WATER RESOURCES DEPT.
SALEM, OREGON

NOTE: ELEVATIONS ARE
N.G.V.D. (M.S.L.).

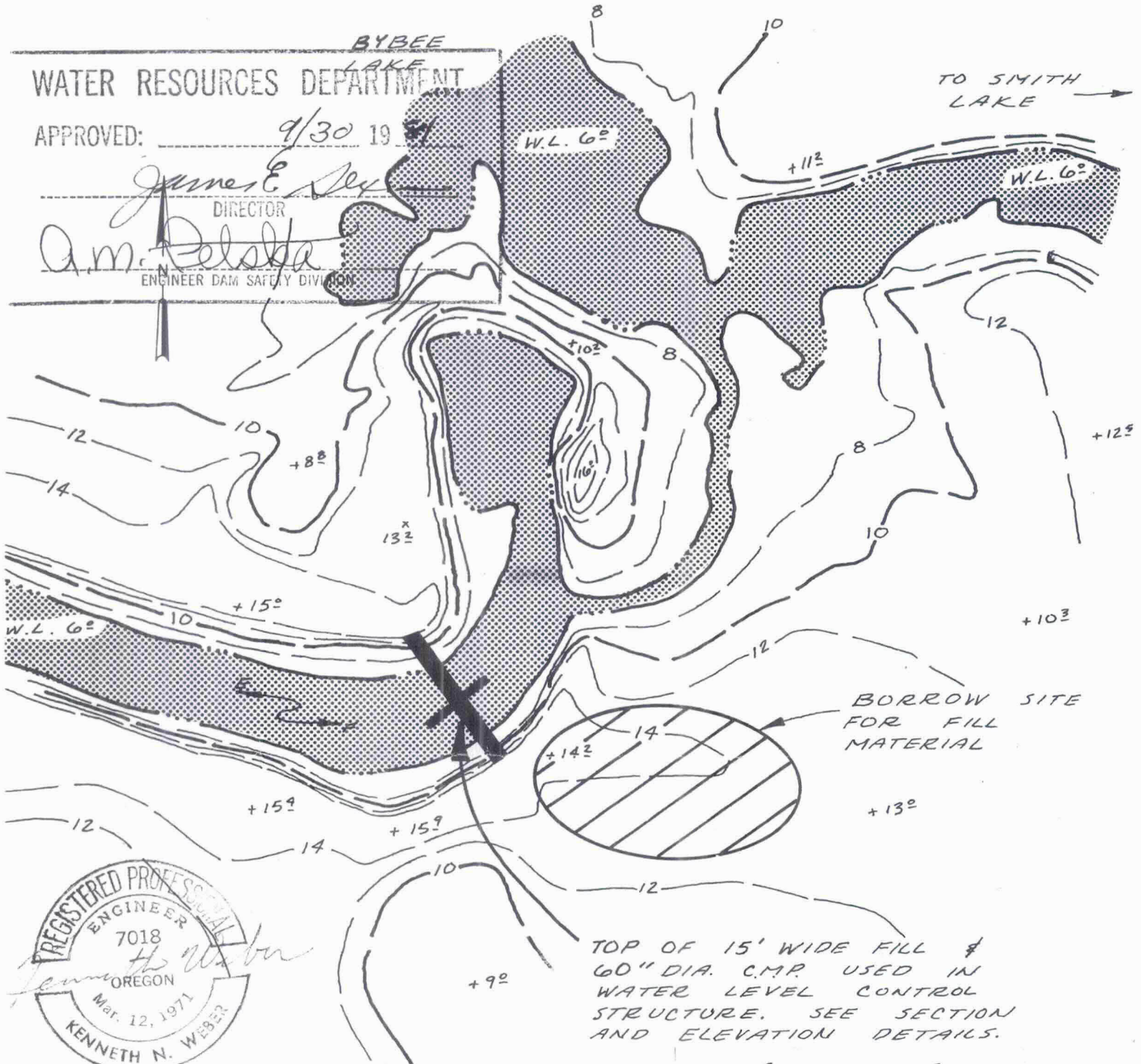
WATER RESOURCES DEPARTMENT

APPROVED:

9/30 1981

DIRECTOR

ENGINEER DAM SAFETY DIVISION



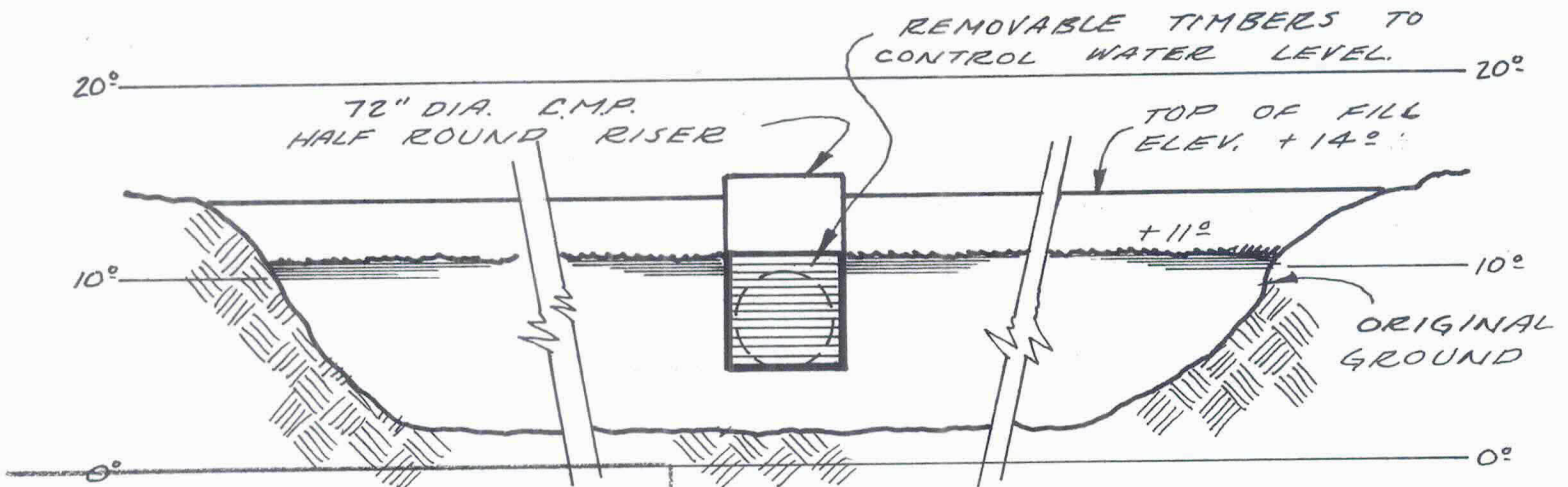
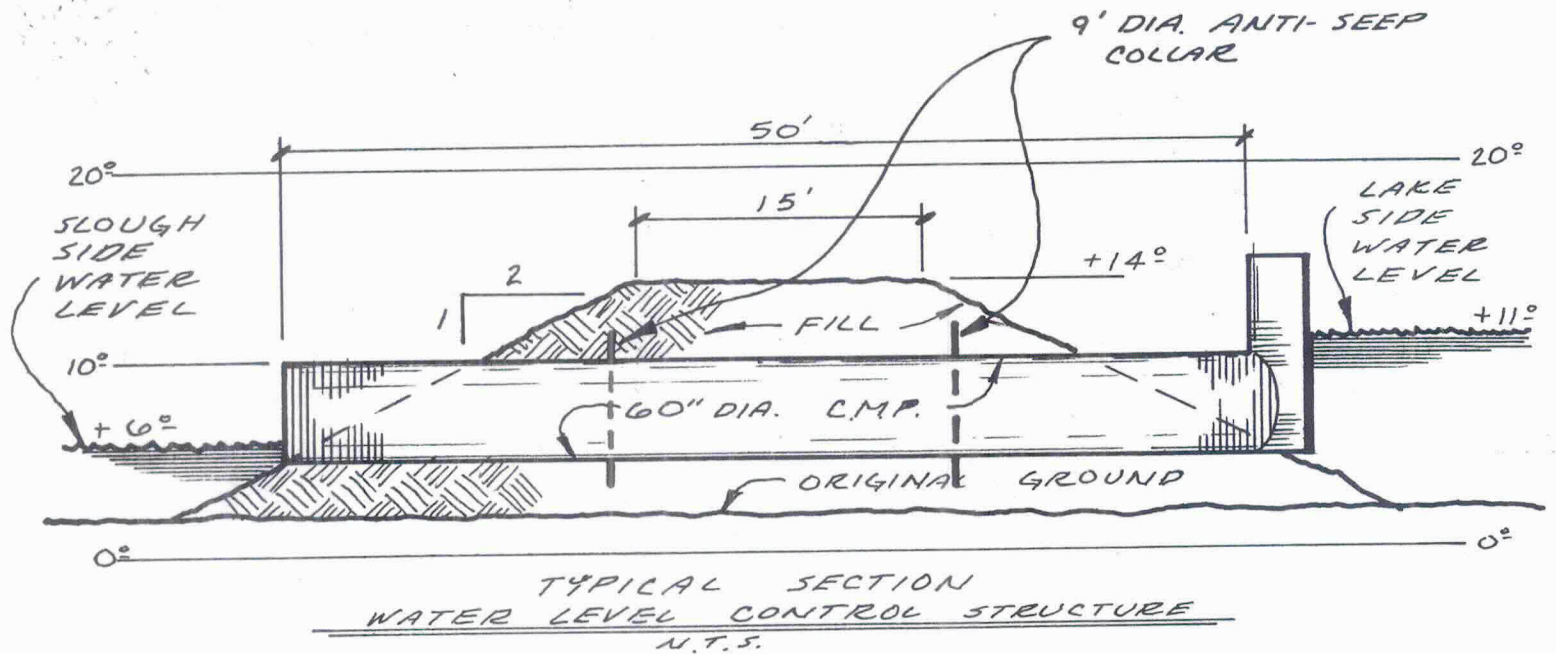
SITE PLAN
TEMPORARY WATER LEVEL
CONTROL STRUCTURE



TOP OF 15' WIDE FILL &
60" DIA. C.M.P. USED IN
WATER LEVEL CONTROL
STRUCTURE. SEE SECTION
AND ELEVATION DETAILS.

in COLUMBIA SLOUGH
at PORTLAND
County of MULTNOMAH, State ORE
Application by U.S. FISH & WILDLIFE
Date AUG. 1981

4/5



WATER RESOURCES DEPARTMENT

APPROVED:

J. E. Sexior
DIRECTOR

A. M. Polak
ENGINEER DAM

DEPTH OF FILL
VARIES

ORIGINAL GROUND

**TYPICAL SECTION
MINOR FILL SITE
N.T.S.**



DEPARTMENT OF
WATER RESOURCES
DO NOT SEND OUT

5/5

in COLUMBIA SLOUGH

at PORTLAND

County of MULTNOMAH, State ORE.

Application by U.S. FISH & WILDLIFE

Date AUG. 1981

RECEIVED Application No. R-60261
Permit No. R 8298

SEP 24 1981

WATER RESOURCES DEPT.
SALEM, OREGON