

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

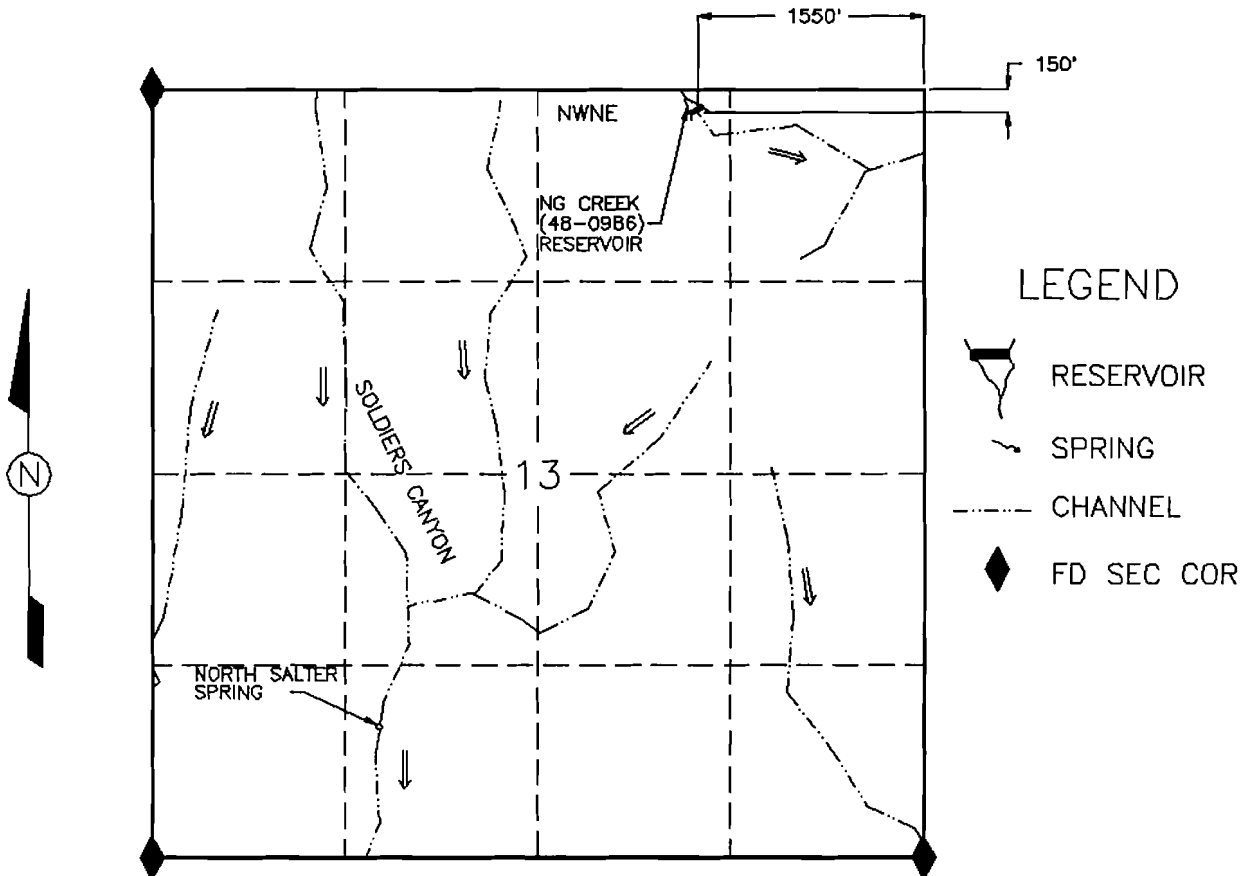
NW 1/4 NE 1/4 SEC 13 T 17 S R 41 E W.M.

U.S.G.S. QUAD. - BUCKBRUSH CREEK, OR - 7 1/2'

RECEIVED

MAR 31 1994

WATER RESOURCES DEPT
SALEM, OREGON

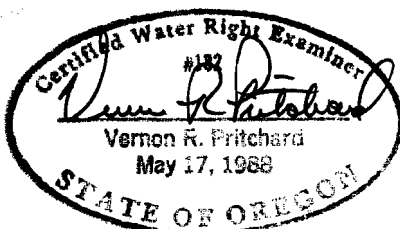


NG CREEK (48-0986) RESERVOIR

1320 660 0 1320

SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING
A WATER RIGHT AND IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS FOR LOCATION
OF PROPERTY BOUNDARIES.



ACAD RELEASE TO
DWG FILE: NGCREEK.DWG

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS VALE DISTRICT	
NG CREEK (48-0986) RESERVOIR	
DESIGNED	<i>Vernon R. Pritchard</i>
REVIEWED	<i>George D. House</i>
APPROVED	CHIEF, BRANCH OF ENGINEERING
DRAWN: ARB	SCALE: 1"=1320'
DATE: FEB. 12, 1992	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-73	

Application No R-13977
Permit No.

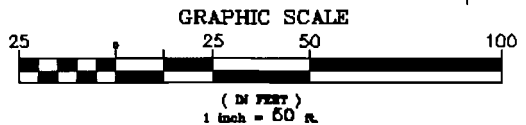
"CERTIFICATE NO. CC108"

AS BUILT MAP OF N. G. CREEK (48-0986) RESERVOIR

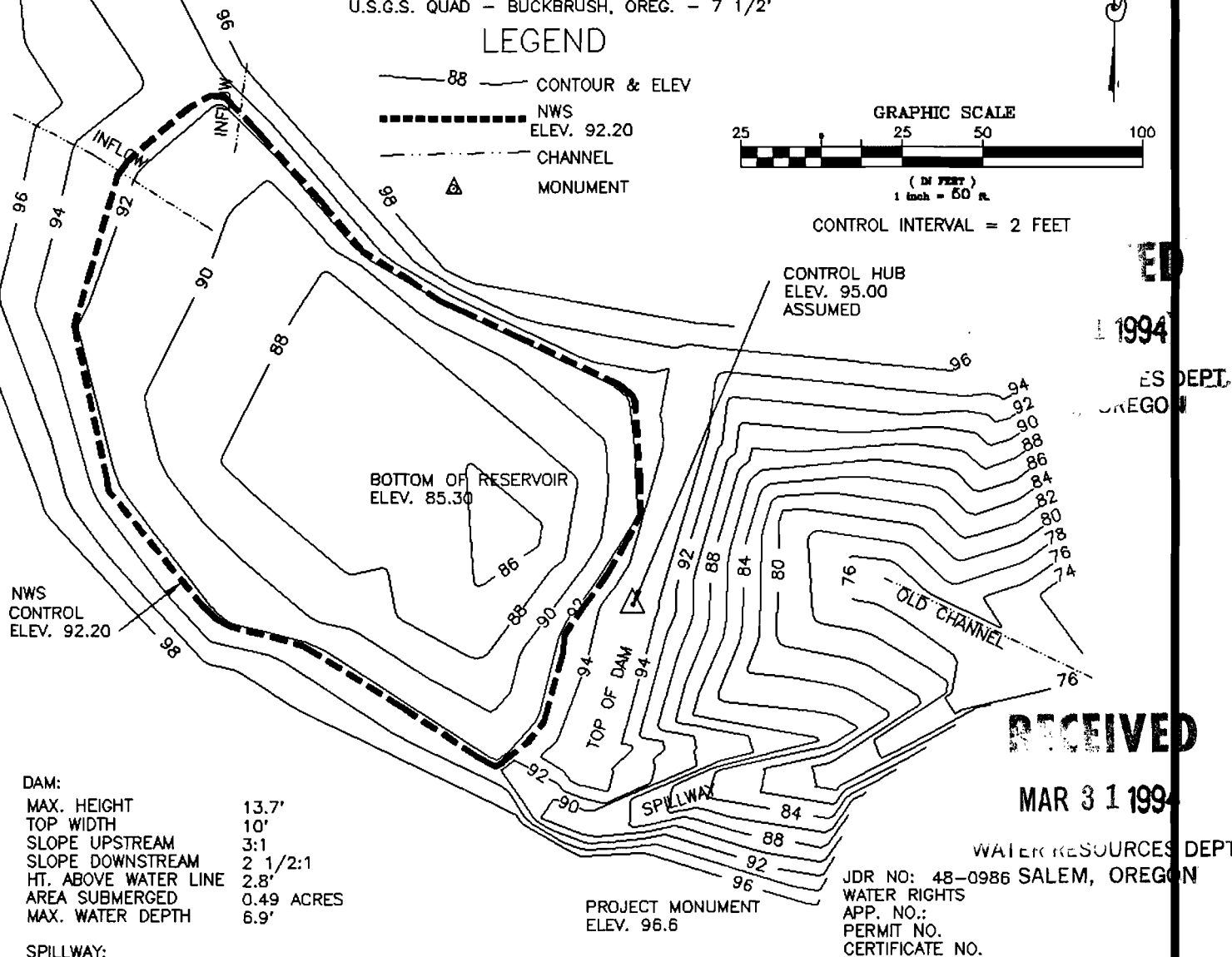
NW 1/4 NE 1/4 SEC 13, T. 17S., R. 41 E., W.M.
U.S.G.S. QUAD - BUCKBRUSH, OREG. - 7 1/2'

LEGEND

- 88 — CONTOUR & ELEV
- NWS
ELEV. 92.20
- - - CHANNEL
- ▲ MONUMENT



CONTROL INTERVAL = 2 FEET



DAM:
MAX. HEIGHT 13.7'
TOP WIDTH 10'
SLOPE UPSTREAM 3:1
SLOPE DOWNSTREAM 2 1/2:1
HT. ABOVE WATER LINE 2.8'
AREA SUBMERGED 0.49 ACRES
MAX. WATER DEPTH 6.9'

SPILLWAY:
BOTTOM WIDTH 7'
TOP WIDTH 20'
SPILLWAY CREST TO DAM CREST 2.4'
STORAGE CAPACITY 1.54 AC. FT.

FAILURE OF THIS STRUCTURE WOULD NOT POSE A THREAT TO LIFE OR PROPERTY.

INSTALLATION OF AN OUTLET CONDUIT WOULD THREATEN THE INTEGRITY OF THE EXISTING STRUCTURE. SHOULD AN OUTLET CONDUIT BE REQUIRED LATER FOR WATER DISTRIBUTION NEEDS, IT WILL BE INSTALLED USING APPROPRIATE SAFEGUARDS AND CONSTRUCTION TECHNIQUES, OR THE STRUCTURE MAY BE BREACHED OR RE-CONSTRUCTED.



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NGCREEKR.DWG

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WATER RESOURCES DEPT
JDR NO: 48-0986 SALEM, OREGON

WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

N.G. CREEK (48-0986) RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 6/15/88 MARTIN & PRIEST

REVIEWED *George R. Hutchins*

APPROVED *George R. Hutchins*

CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1" = 50'

DATE: 12/24/92 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-158

Application No. R-73977

Permit No.

CERTIFICATE NO. C2108