

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

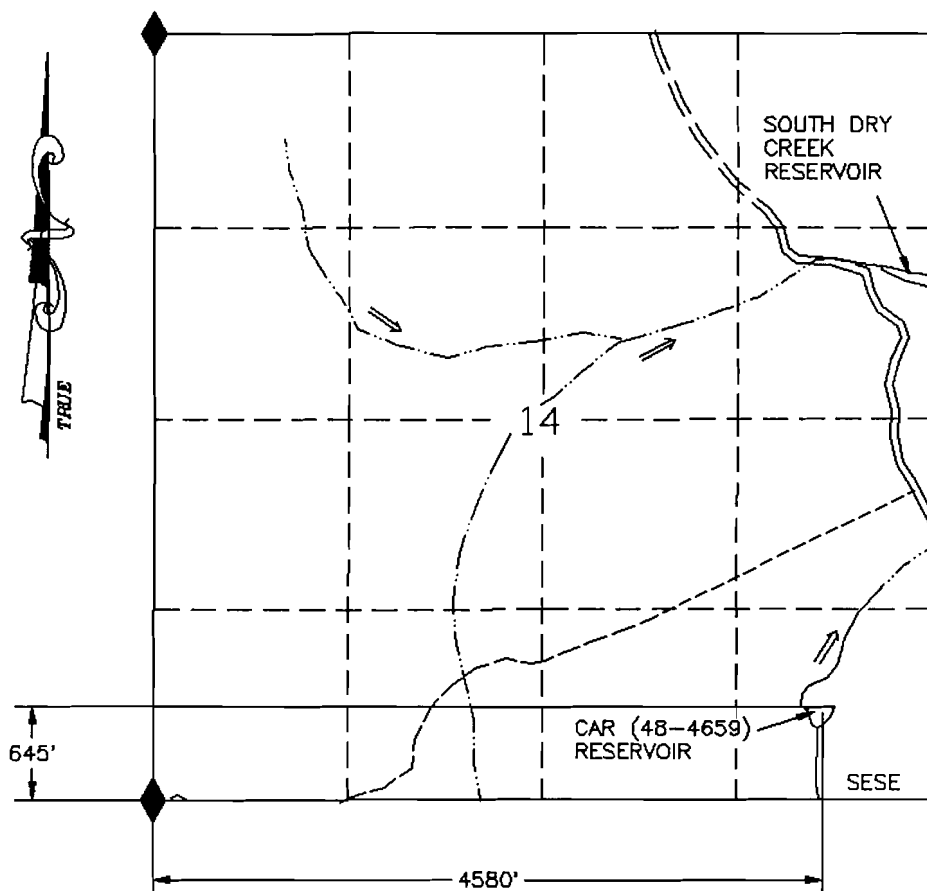
SE1/4 SE1/4 SEC 14 T 24S R 41E W.M.

U.S.G.S. QUAD - COPELAND RESERVOIRS, OREG. - 7 12/'

RECEIVED

MAR 31 1994

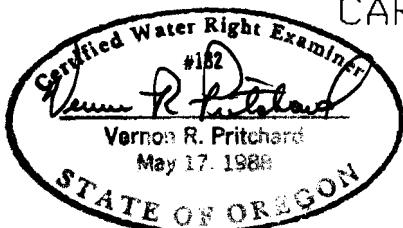
WATER RESOURCES DEPT.
SALEM, OREGON



LEGEND

- RESERVOIR
- ROAD
- CHANNEL
- TRAIL
- FD SEC COR

CAR (48-4659) 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.



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

CAR (48-4659)
RESERVOIR

DESIGNED
REVIEWED
APPROVED

Vernon R. Pritchard
David House
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG

SCALE: 1"=1320'

DATE: 09/17/93

SHEET 1 OF 1

DRAWING NO. DR-03-9172.45-419

ACAD RELEASE 11/DCA
DWG FILE: CARRESAP.DWG

Application No. R-73979

Check No.

CERTIFICATE NO. 02110

AS BUILT MAP OF CAR (48-4659) RESERVOIR

RECEIVED

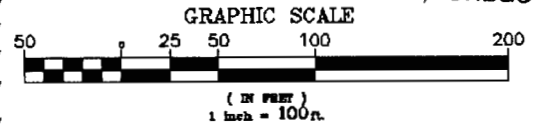
MAR 31 1994

LEGEND

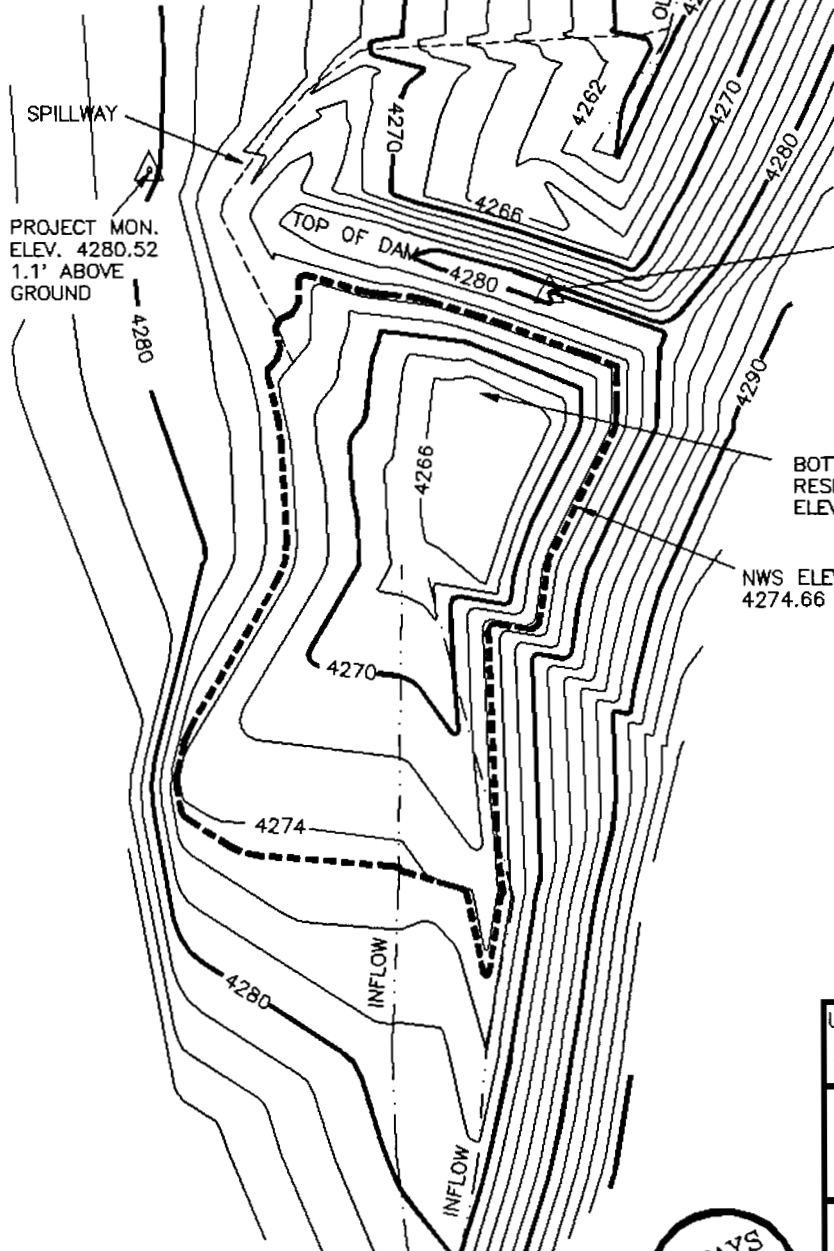
SE1/4 SE1/4 SEC 14, T.24S., R.41 E., W.M.
U.S.G.S. QUAD - COPELAND RESERVOIRS, OREG. - 7 1/2'

WATER RESOURCES DEPT.
SALEM, OREGON

- 88 ——— CONTOUR & ELEV
- NWS
ELEV. 4274.66
- CHANNEL
- ▲ MONUMENT



CONTOUR INTERVAL = 2 FEET



CONTROL HUB
ELEV. 4280.00
ASSUMED FROM
U.S.G.S. QUAD
COPELAND RESERVOIRS,
OREG. - 7 1/2'

BOTTOM OF
RESERVOIR
ELEV. 4264.08

NWS ELEV.
4274.66

DAM:
MAX. HEIGHT 17.75'
TOP WIDTH 9'
SLOPE UPSTREAM 3:1
SLOPE DOWNSTREAM 2:1
HT. ABOVE WATER LINE 5.34'
AREA SUBMERGED 1.04 ACRE
MAX. WATER DEPTH 10.58'

SPILLWAY:
BOTTOM WIDTH 13'
TOP WIDTH 37'
SPILLWAY CREST TO
DAM CREST 5.34'
STORAGE CAPACITY 4.16 AC.FT.

JDR NO: 48-4659
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

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

CAR (48-4659) RESERVOIR
AS BUILT

DESIGNED FIELD SURVEY 09/01/93 MARTINEZ & CARTER
REVIEWED *Wayne R. Fitch*
APPROVED *George D. House*
CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1"=100
DATE: 09/17/93 SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-420

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 DISTRI-
BUTION NEEDS, IT WILL BE INSTALLED USING APPROPRIATE
SAFEGUARDS AND CONSTRUCTION TECHNIQUES, OR THE
STRUCTURE MAY BE BREACHED OR RECONSTRUCTED.



ACAD 11/DCA
CARRES.DWG

Plan No. R-73979

CERTIFICATE NO. 07110