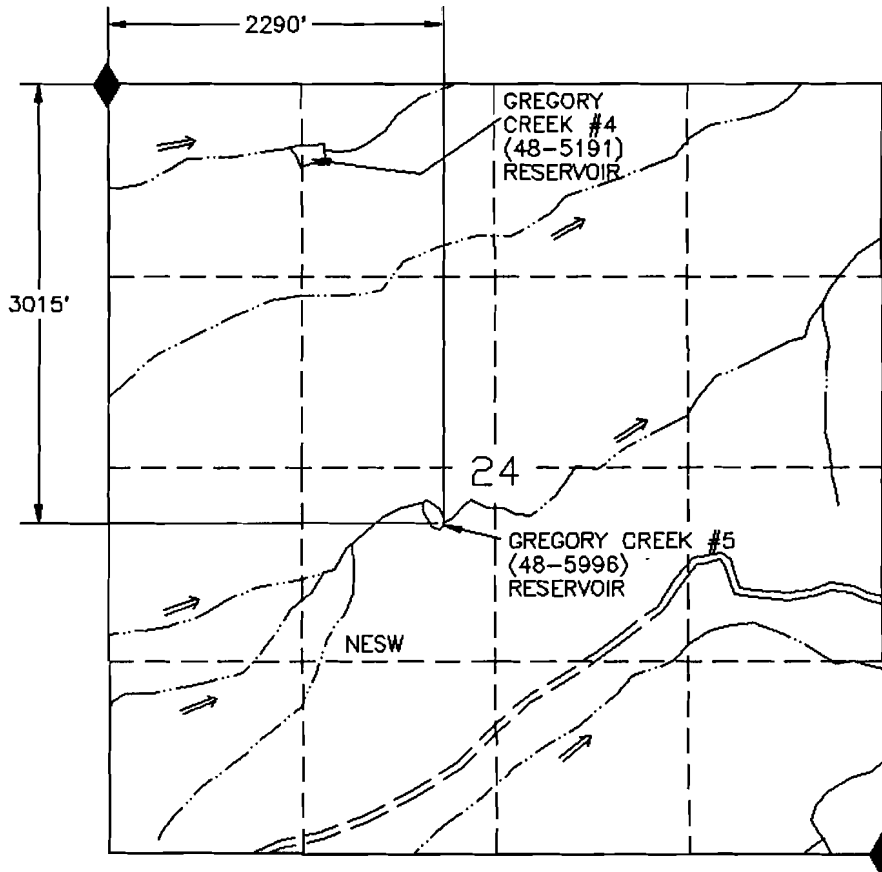


APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NE1/4SW1/4 SEC 24 T 18S R 39E W.M.

U.S.G.S. QUAD - WESTFALL BUTTE, OREG. - 7 1/2'



LEGEND

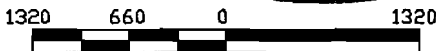
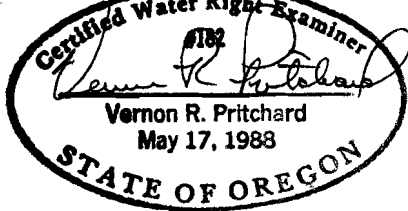
- RESERVOIR
- == ROAD
- CHANNEL
- ◆ FD SEC COR

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APR - 4 1994

WATER RESOURCES DEPT.
SALEM, OREGON

GREGORY CREEK #5 (48-5996) RESERVOIR



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 11/DCA
DWG FILE: GREGSAPP

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

GREGORY CREEK #5
(48-5996) RESERVOIR

DESIGNED
REVIEWED *Vernon R. Pritchard*
APPROVED *George B. House*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=1320'
DATE: 03/29/94 SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-74

Application No. R-73981
Permit No.

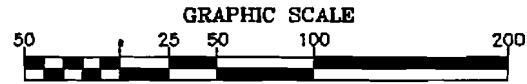
"CERTIFICATE NO. 00112"

AS BUILT MAP OF GREGORY CREEK (48-5996) RESERVOIR #5 LEGEND

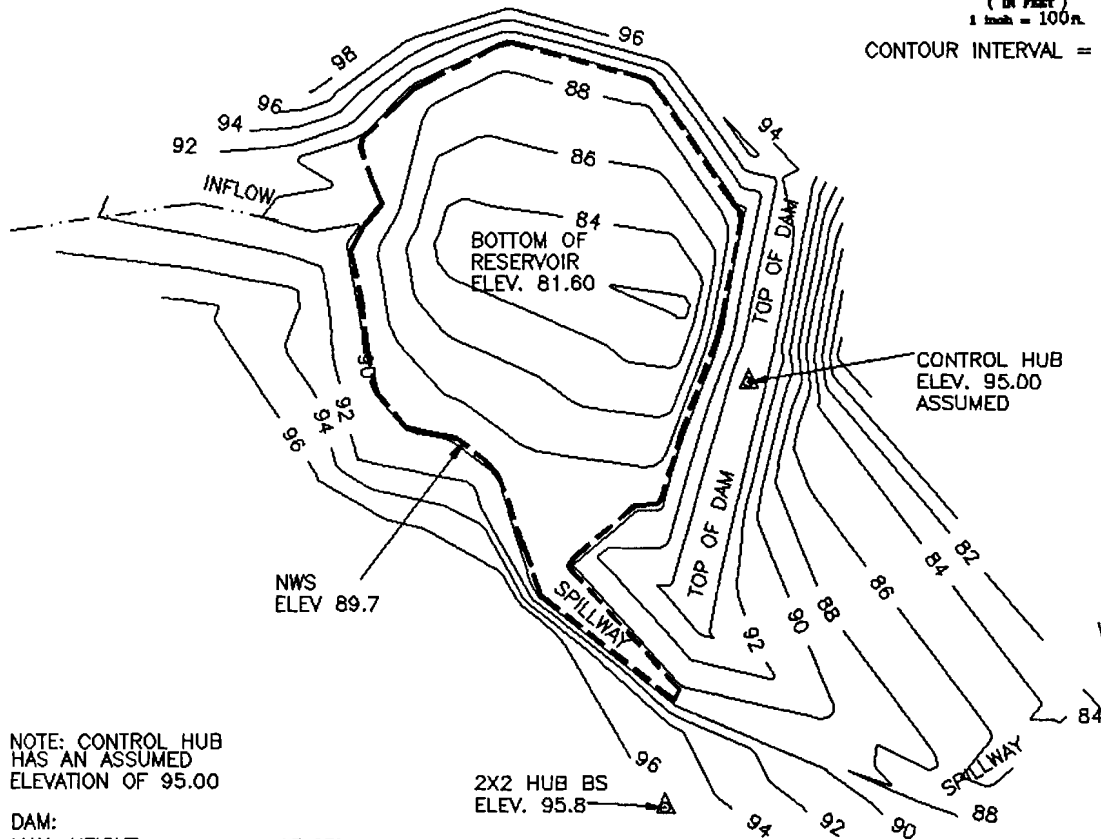
NE1/4 SW1/4 SEC 24, T. 18S., R. 39 E., W.M.

U.S.G.S. QUAD - WESTFALL BUTTE, OREG. - 7 1/2'

- 88 — CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 89.70
- CHANNEL
- ▲ MONUMENT



CONTOUR INTERVAL = 2 FEET



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WATER RESOURCES DEPT.
SALEM, OREGON

NOTE: CONTROL HUB
HAS AN ASSUMED
ELEVATION OF 95.00

DAM:
MAX. HEIGHT 15.75'
TOP WIDTH 11'
SLOPE UPSTREAM 3:1
SLOPE DOWNSTREAM 2:1
HT. ABOVE WATER LINE 5.5'
AREA SUBMERGED 0.90 ACRE
MAX. WATER DEPTH 8.1'

SPILLWAY:
BOTTOM WIDTH 11'
TOP WIDTH 27'
SPILLWAY CREST TO
DAM CREST 4.8'
STORAGE CAPACITY 3.06 AC. FT.

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 IN-
STALLED USING APPROPRIATE SAFEGUARDS
AND CONSTRUCTION TECHNIQUES, OR THE
STRUCTURE MAY BE BREACHED OR RE-
CONSTRUCTED.

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



ACAD 11/DCA
GREGCR5.DWG

JDR NO: 48-5996
WATER RIGHTS:
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

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

GREGORY CREEK (48-5996)
RESERVOIR #5 AS BUILT

DESIGNED FIELD SURVEY 03/29/88 MARTIN & HYDE

REVIEWED *[Signature]*

APPROVED *[Signature]*
CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1"=100

DATE: 03/29/94 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-157

Application No. R-73981

Permit No.

CERTIFICATE NO.

01112