

RECEIVED

NE 1/4 OF SW 1/4 SECTION 21
SE 1/4 OF SW 1/4 SECTION 21
NW 1/4 OF SE 1/4 SECTION 21
SW 1/4 OF SE 1/4 SECTION 21
T2N, R7E, WM
MULTNOMAH COUNTY, OREGON

USED FOR CONSTRUCTION ONLY
dewatering wells
C. Sec. 21.

WATER RESOURCES DIST.

DW-5/PW-2A
WELL B
ww-1800

POWERHOUSE

OLD NAV. LOCK

PROJECT WAREHOUSE

DW-1/PW-1
WELL C
ww-1794

DW-10

ANNEX WAREHOUSE

ABANDONED
WW-1

H-7/F-1

H-3/F-3

H-1/F-8

H-4/F-5

H-6/F-11

H-5/F-2

WELL H-5 1/16 COR
(WW-3) LOT 4 LOT 2

ABANDONED
WELL H-4

ABANDONED
WELL H-3

WELL H-2

WELL H-1
ABANDONED

RANGER OFFICE

PROJECT OFFICE

Tanner Creek Bypass

Rearing Pond

VISITOR BLD

MAINT. BLD.

Rearing Pond

Rearing Pond

HATCHERY

POND

SE OF SW
SEC. 21

SW 1/4

STORAGE RESERVOIR

SW OF SE 1/16 COR
SECTION 21 21

BONNEVILLE DAM 7.5 MINUTE QUAD
N 720.166.32
E 1.629.870.17

PERMIT G-3156(H-5)
PERMIT G-5001 (H-1, H-2, H-3 AND H-4)

HATCHERY WATER LINE

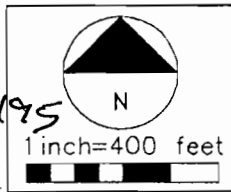
⊙ ABANDONED WELL SITE

○ NEW WELL SITE

WELLS REFERENCED
FROM THIS CORNER

Certified Water Right Examiner
#156
Edward A. Crane
Edward A. Crane
May 17, 1988
STATE OF OREGON

Renewal 12/31/95 Signed *5/32/95*
SURVEYED MAY 25, 1995
BY EDWARD A. CRANE, CWRE



PREPARATION OF THIS MAP WAS FOR THE PURPOSE
OF IDENTIFYING THE LOCATION OF THE WATER RIGHTS
ONLY AND HAS NO INTENT TO PROVIDE DIMENSIONS
OR LOCATION OF PROPERTY OWNERSHIP LINES.

GROUNDWATER PERMIT G-5001
FINAL WATER PROOF SURVEY MAP
PREPARED BY EDWARD A. CRANE, CWRE

DATE
MAY 1995
PROJECT NO.
151 002



CRANE & MERSETH
Engineering/Surveying
SUITE 604
12042 SE SUNNYSIDE ROAD
CLACKAMAS, OREGON 97015
BUS: (503) 698-7575
FAX: (503) 698-7747

APPLICATION FOR PERMIT NUMBER _____
PERMIT NUMBER G-5001 IN THE NAME OF:
US DEPT. ARMY, CORPS OF ENGINEERS
BONNEVILLE DAM - DOMESTIC USE
CASCADE LOCKS, OREGON 97014

FIGURE
1/2

RECEIVED

NE 1/4 OF SW 1/4 SECTION 21
 SE 1/4 OF SW 1/4 SECTION 21
 NW 1/4 OF SE 1/4 SECTION 21
 SW 1/4 OF SE 1/4 SECTION 21
 T2N, R7E, WM
 MULTNOMAH COUNTY, OREGON

LEGEND:

TRANSFER APPL. T-6619 QUANTITY AND DIVERSION POINTS OF EXISTING HATCHERY WELLS. H-1, H-2, H-3 & H-4 WERE TRANSFERRRED TO FISHERY WELLS F-1, F-2, F-3, F-5, F-7 & F-8 F-11 WELL WAS ADDED TO PERMIT G-5001 LATER DEWATERING WELLS DW- WELLS WERE USED DURING CONSTRUCTION THE F WELLS ARE IN THE SAME ACQUIFIR AS THE OLD H WELLS

TRANSFER APPL. T-6618 QUANTITY AND DIVERSION POINT OF WELL WW-3 = H-5 WAS TRANSFERRED TO WW-1800 & WW-1794 (WELL B & C WERE HATCHERY WELLS, SEE LEFT FOR NEW NAMES (THEY ARE NOW DOMESTIC USE WELLS)

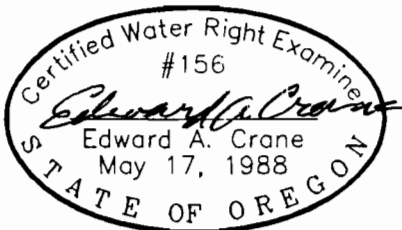
TOTAL CFS USE WILL BE THE SAME, AND THE NEW WELLS ARE IN THE SAME ACQUIFER.

ORIGINAL COE MAP WAS COMPILED FROM COE BDF-7-14/3 AND BDG-9-0-0/DW. ORIGINAL COE COORDINATES ARE LAMBERT STATE PLANE COORDINATES, OREGON NORTH ZONE

U./S. ARMY ENGINEER DISTRICT, PORTLAND
 BONNEVILLE NEW NAV. LOCK
 COLUMBIA RIVER OREGON-WASHINGTON
 FISH HATCHERY WELLS
 PIPING SCHEMATIC, AND
 WATER WELL LOCATIONS
 TRANSFER APPLICATION T-6618 DOMESTIC USE
 TRANSFER APPLICATION T-6619 HATCHERY USE
 COE FILE USR/LIEBNI.WELL.DGN
 ORIGINALLY DRAWN: L.HOEKSTRA, COE
 TRANSFER APPLICATION DATE: JUNE 1991

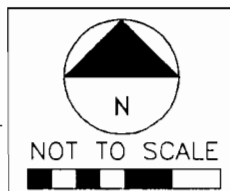
T-6618 G-3156 DOMESTIC WELL NO.	T-6619 G-5001 HATCHERY WELL NO.	Distance North OF 1/16C.21/28	Distance West OF 1/16C.21/28	1/16 COR 21/28 TO WELL		
				AZIMUTH	DISTANCE	BEARING
	H-7/F-1	1636'	1870'	311° 11'	2484'	N48°50'35"W
	H-5/F-2	1441'	1822'	308° 20'	2323'	N51°39'14"W
	H-3/F-3	1695'	1468'	319° 06'	2242'	N40°53'05"W
	H-4/F-5	1527'	1549'	314° 03'	2175'	N45°26'20"W
	H-2/F-7	1605'	1286'	321° 02'	2056'	N38°41'36"W
	H-1/F-8	1658'	1094'	326° 35'	2053'	N33°24'47"W
	H-6/F-11	1421'	1994'	305° 28'	2449'	N54D31'10"W
WW-1800		2027'	1324'	326° 06'	2421'	N33°08'09"W
WW-1794		1767'	1853'*	313° 03'	2560'	N46°23'13"W
ABANDONED	WW-1	1764	1396'	321-39'	2249'	ABANDONED
ABANDONED	H-1	985	2347	292-47	2545	ABANDONED
ABANDONED	H-2	1114	2205	296-49'	2471	ABANDONED
ABANDONED	H-3	1130	1947	300-12'	2247	ABANDONED
ABANDONED	H-4	1185	1757	304-08'	2119	ABANDONED
ABANDONED	H-5	1320	1690	307-59'	2144	ABANDONED

* CHANGED FROM TRANSFER APPLICATION



Renewal 12/31/95
 Signed 5/30/95

SURVEYED MAY 25, 1995
 BY EDWARD A. CRANE, CWRE



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GROUNDWATER PERMIT G-5001
 FINAL WATER PROOF SURVEY MAP
 PREPARED BY EDWARD A. CRANE, CWRE

DATE MAY 1995	<p>CRANE & MERSEITH <i>Engineering/Surveying</i> SUITE 604 12042 SE SUNNYSIDE ROAD CLACKAMAS, OREGON 97015 BUS: (503) 698-7575 FAX: (503) 698-7747</p>	APPLICATION FOR PERMIT NUMBER _____	FIGURE 2/2
PROJECT NO. 151 002		PERMIT NUMBER <u>G-5001</u> IN THE NAME OF: US DEPT. ARMY, CORPS OF ENGINEERS BONNEVILLE DAM - DOMESTIC USE CASCADE LOCKS, OREGON 97014	