

CLAIM OF BENEFICIAL USE

TO APPROPRIATE THE PUBLIC WATERS

Section 17, Twp 7S, Range 4W
 Tax Lot # 100 (7-4-17 & 20)
 Polk County, Oregon

FOR: Mack Knapp

Application # S-84626 Permit # S-53800
 Date Surveyed: Feb. 6, 2004

SOURCE:
 Mud Slough Reservoir #1, constructed under
 Application No. R-84301, Permit No. R-12878,
 a tributary of Mud Slough.

CONVEYANCES:
 Transfer System:
 Motor: World Energy Guardian (WEG), Madras, OR
 Model: 00718EP3E2131
 Horsepower: 7.5 HP
 Max. RPM: 1800
 Voltage: 480V-3 ph

Pump: Meurer Pump, Inc., Madras, OR
 Model: 00-9-1
 Type: Centrifugal Lift Pump
 Intake/discharge size: 12"/10"
 Operating Pt.: 1170 gpm @ TDH=15'

Pipe: ~1400 LF of 10" diameter PVC pipe

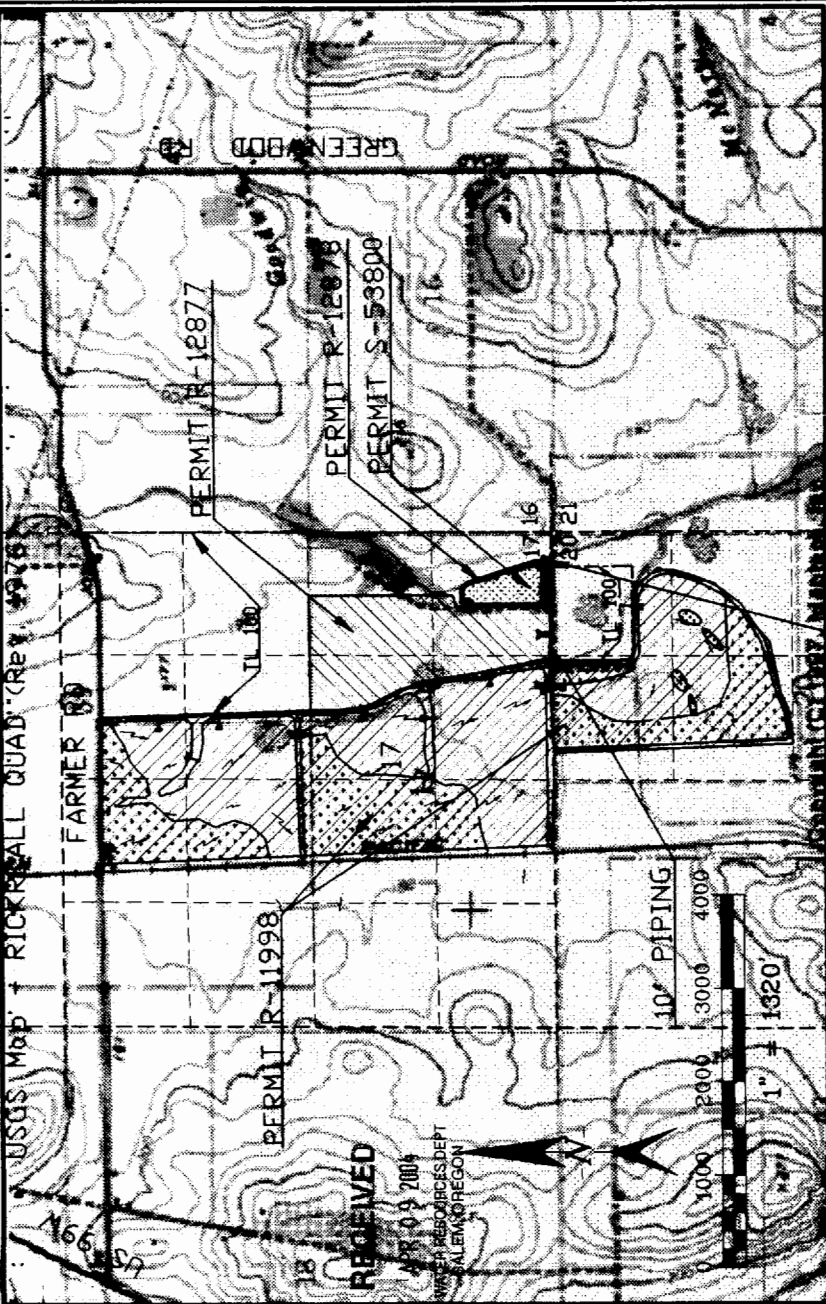
PLACE OF USE:
 SESW: NESE, NWSE, SWSE, SESE of Sec. 17,
 T7S, R4W, W.M.

NENE, NWNE, SWNE, SESE of Sec. 20, T7S, R4W,
 W.M.



Mark Knapp Water Right
 Permit # S-53800
 12" Intake/10" Discharge
 Final Proof Map to Appropriate Water

DATE	APR 8, 2004
SCALE	1/4"
PROJECT	
BY	
CHECKED	
APPROVED	

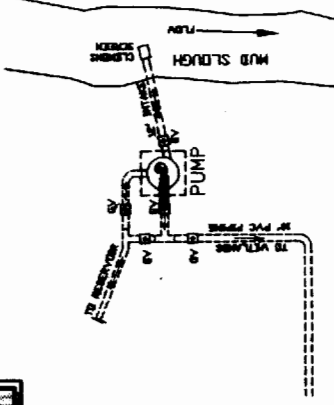


NOTE:
 Map is for purpose of identifying location of
 Water Right and has not intent to dimension or
 locate property ownership lines.

The final proof survey and inspection of the water use as found to
 be completed under the terms and conditions of Permit #S-53800
 was completed by me on March 22, 2004, and the facts contained
 in this report and map are correct to the best of my knowledge.



Bob Pennington, PE, CWRE
 Water Right Examiner



PUMP / PIPING SCHEMATIC

POINT OF DIVERSION: (POD)
 A 12" diameter "screened" intake pipe
 placed in Mud Slough within the SE1/4,
 SE 1/4, Sec.17, T7S, R4E, Sec. 17, WM,
 Polk County, Oregon; approximately 30-ft
 north and 255-ft west from the SE
 corner of Sec.17.

UTM Coord: 100484701 E
 4977863 N

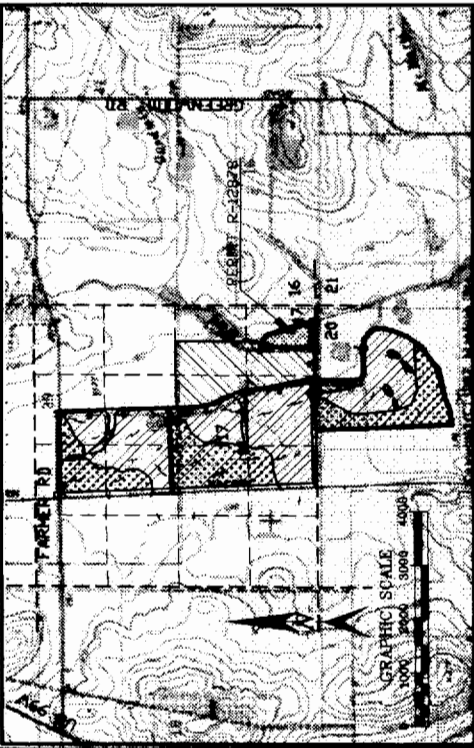
app NO. K-85979
 Permit NO. R-

The final proof survey and inspection of the water use as found to be completed under the terms and conditions of Permit #S-53600 was completed by me on March 22, 2004, and the facts contained in this report and map are correct to the best of my knowledge.

Bob Pankratz, PE, CWRE
Water Right Examiner



NOTE:
Map is for purpose of identifying location of Water Right and has not intent to dimension or locate property ownership lines.

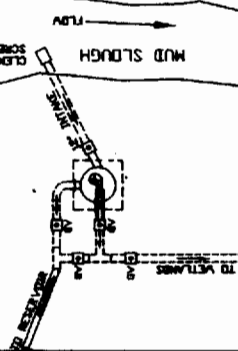


Reservoir El. Volume is 3,165,000 cf = 71.3 A-F

ELEV. AREA (sqF)	DEPTH (ft)	VOL. (cf)	Σ VOL. (cf)
98.0	3.27	31,128	31,128
97.0	3.57	112,773	143,901
96.0	3.87	181,249	325,150
95.0	4.17	175,835	500,985
94.0	4.47	1,628,769	3,129,754

See "Alternate Review" Application for additional B-F A-F

USGS Map - RICKREALL QUAD (Rev. 1976)
NOTE: The reservoir may be emptied to Mud Slough by gravity flow and valving (GV).



PUMP SYSTEM PLAN VIEW
NTS



Overflow Elev=106.9

Mud Slough Reservoir #1
(As-Built, 2001)

12" Culvert Inv=106.8

RECEIVED

APR 09 2004
WATER RESOURCES DEPT
SALEM, OREGON

CLAIM OF BENEFICIAL USE

TO CONSTRUCT A RESERVOIR and STORE PUBLIC WATERS

Section 17, Twp 7S, Range 4W
Tax Lot # 100 (7-4-17 & 20)
Polk County, Oregon

EOB: Mark Knaupp

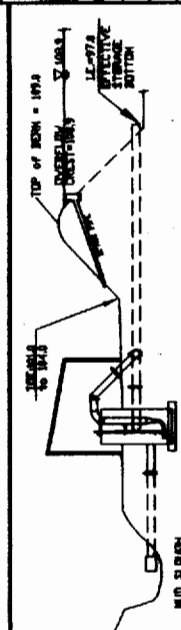
Application # R-84301 Permit # R-12878

Date Surveyed: Feb. 6, 2004

OWNER INFORMATION:

Permittee:
Mark Knaupp
1875 Greenwood Road N
Rickreall, Oregon 97371
Property Owner: Person interviewed:
(same as above)

SOURCE OF WATER: Mud Slough, a tributary of Rickreall Crk
STORAGE FACILITY: Mud Slough Reservoir 1
PURPOSE OF USE OF STORED WATER: Wetland Enhancement
DATE OF PRIORITY: November 24, 1999
WATER MAY BE APPROPRIATED FOR STORAGE DURING THE PERIOD: November 1 through June 30 of each year



PUMP SYSTEM ELEV. VIEW
NTS

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