app G-13755 (permit g-12947)

USER-ID 9538

2001 2002

Oregon Water Resources Department
October 2001 through September 2002
Annual Water Use - Monthly Quantities Form

Facility ☞ / POD-ID ✏	well #1 46188	well #2 46189	Well #1 46188	well #2 46189	
October - 2001					
November - 2001					
December - 2001					
January - 2002					
February - 2002					
March - 2002					
April - 2002	=2A.99AF 90A Beans	=2A.99AF 90A Beans	=14.9AF 90A-R-Grass 2" - TOTAL	=14.9AF 90A R-Grass 2" Total	
May - 2002	" " 4" TOTAL	" " 4" TOTAL			
June - 2002	" "	" "			
July - 2002					
August - 2002					
September - 2002					
TOTAL *					

RECEIVED
MAR 21 2003
WATER RESOURCES DEPT
SALEM, OREGON

* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: IRRIGATION. If use is irrigation, total number acres irrigated 180

I certify this information is true and accurate to the best of my knowledge.

Signature	Title	Reporting Entity	Date
Charles D. Vavra	OWNER		3/21/03

CHARLES D. VAVRA
Name - Please Print

Please complete and mail to: Water Resources Department; Water Use Reporting Program;
158 12th Street NE; Salem, OR 97310-0210

OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT

Dear Water User: Your water use report for October 2001 to September 2002 has not been received by our office. This information is important for water management in Oregon. Please complete the form on the reverse side for the water rights listed below. If you have questions, or need more time please, contact me at 503-378-8455 ext. 333. Thank you for your attention to this matter. Mary Grainey

CHARLES D WAVRA
WAVRA, JANE C
8167 OAK LN NE
MT ANGEL OR 97362

USER-ID 9538

POD-ID	FACILITY	CERT	PERMIT	APPL	PRIORITY	USE	L/S	TWP	RANGE	SEC	Q/Q	RATE	SOURCE	TRIBUTARY TO
46188	WELL #1	0 G	12967	G 13735	7/5/1994	IC	L	6 S	1 W	15	NESE	0.21 C	C WELL 1	PUDDING R
46189	WELL #2	0 G	12967	G 13735	7/5/1994	IC	L	6 S	1 W	15	SWNE	0.21 C	A WELL 2	PUDDING R

State of Oregon
Water Resources Department

Interoffice Memorandum August 10, 2009

To: Water Rights Files G-13735

From: Ground Water Hydrology Section, Karl C. Wozniak

Subject: Status of wells listed as POAs, Permit G-12967

According to information in the file, the wells on this application and permit are as follows:

Well 1 NE/SE S. 15, 6S/1W; 1720 ft N & 500 ft W fr SE cor, S. 15.
MARI 3193 Log for original hole, a 260 ft deep well completed in alluvial sediments.
MARI 3187 Deepening log. A 673 ft deep well open to the Columbia River Basalt. The alluvial sediments were not properly sealed off but the main production is likely to be from water-bearing zones in the Columbia River Basalt.

Well 2 SW/NE S. 15, 6S/1W; 3900 ft N & 1750 ft W fr SE cor, S. 15.
MARI 3179 A 700 ft deep well completed in the Columbia River Basalt.

These wells are also listed as Wells 1 and 2 on permit G-12967.

The wells are incorrectly described on the Claim of Beneficial Use that was received on September 21, 2000.

The Claim only describes the original hole (MARI 3193) for Well #1 and does not include a description of the deepened well (MARI 3187). This is a critical oversight as the original hole is completed in alluvial sediments and the deepening probably gets most of its production from the Columbia River Basalts.

The Claim also describes Well #2 as a 225 feet deep well. This corresponds to an older alluvial well, MARI 3190. However, in response to a letter to the Department asking for a copy of the well log for Well 2, the owner submitted a copy of MARI 3179, on Janurary 4, 1996. The correlation of Well 2 to MARI 3179, a basalt well, is consistent with information in file G-11504.

Prior to issuing a certificate, I recommend that the owner or his agent clarify whether Well 2 is a 225 ft deep alluvial well (MARI 3190) or a 700 ft deep basalt well (MARI 3179). Also, the Claim of Beneficial Use should be revised to correctly describe the wells.

3193
MAR 1...7

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED
JUN 26 1967
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON (Please type or print)

G-7297
G-5446

State Well No. 6/1W-15 J
State Permit No. .....

(1) OWNER:
Name Mr. Charles Wavra
Address Rte.1, Box 140
Mt. Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number .....
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650 ft. north & 375 ft. west of S.E. corner of section 15, T.6 S.R.1 W.

(3) TYPE OF WORK (check):
Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☒
12 " Diam. from 0 ft. to 260 ft. Gage .250
12 " Diam. from ..... ft. to ..... ft. Gage .279
..... " Diam. from ..... ft. to ..... ft. Gage .....

(7) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
75 perforations from 33 ft. to 38 ft.
225 perforations from 44 ft. to 59 ft.
12 perforations from 59 ft. to 62 ft.
100 perforations from 62 ft. to 69 ft.
~~1228~~ continued on ~~69~~ perforations from ~~2??~~ ft. to ~~2??~~ ft.
attached sheet.

(8) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name .....
Type ..... Model No. .....
Slot size ..... Set from ..... ft. to ..... ft.
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Bentonite & cuttings
Depth of seal 18 ft. Was a packer used? yes, gravel
Diameter of well bore to bottom of seal 16 in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth .....
Was a drive shoe used? ☒ Yes ☐ No
Was well gravel packed? ☐ Yes ☒ No Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? ..... depth of strata .....
Method of sealing strata off .....

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure ..... lbs. per square inch Date .....

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.
" " " "
" " " "
Bailer test XX gal./min. with ..... ft. drawdown after ..... hrs.
Artesian flow ..... g.p.m. Date .....
Temperature of water XX Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:
Diameter of well below casing XX 0
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top soil-brown	0	1
Clay- "	1	15
Sandy clay- " ,soft	15	25
Course congl.,-brown,hard,	25	33
Med. congl.- " , "	33	38
Sandy clay- greyish-brown,	38	44
Med.congl.-grey,med.hard	44	59
Gritty-clay, ", ~~soft~~firm,	59	62
Med.congl.-grey,med.hard	62	69
Sandy clay- brown	69	76
Med. congl.-grey, hard	76	102
Gritty clay with small gravel	102	104
Med.congl.-grey,med. hard	104	114
Sandy clay-dark grey	114	118
Med. congl.-grey, ~~soft~~med.hd.	118	123
Gritty clay-grey,firm,	123	128
Med.congl.-grey, med.hard	128	132
Med. sand- grey-packed,	132	148
Clay-blueish grey	148	159
Med.congl.-grey,med. hard	159	161
Clay-sandy-grey, sticky	161	189
Med.congl.-grey,med.hard,	189	198

(CONTINUED ON ATTACHED SHEET)

Work started March 1, 1967, Completed March 29 1967
Date well drilling machine moved off of well March 29 1967

(13) PUMP:
Manufacturer's Name ..... ?
Type: ..... H.P. .....

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte. 3, Box 169, Silverton, Oregon
Drilling Machine Operator's ~~License~~ No. 322
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

(USE ADDITIONAL SHEETS IF NECESSARY)

NOTICE TO WATER WELL CONTRACTOR: The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED JUN 26 1967 STATE ENGINEER SALEM, OREGON

WATER WELL REPORT

STATE OF OREGON (Please type or print)

State Well No. 6/1W3-15 J

State Permit No. .....

(1) OWNER: (CONTINUATION SHEET)

Name Mr. Charles Wavra

Address Rte.1, Box 140

Mt.Angel, Oregon

(2) LOCATION OF WELL:

County Marion Driller's well number .....

¼ ¼ Section T. R. W.M.

Bearing and distance from section or subdivision corner

Loc.is on the other sheet.

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:

Rotary ☐ Driven ☐

Cable ☒ Jetted ☐

Dug ☐ Bored ☐

(6) CASING INSTALLED:

Threaded ☐ Welded ☒

..... " Diam. from ..... ft. to ..... ft. Gage .....

..... " Diam. from ..... ft. to ..... ft. Gage .....

..... " Diam. from ..... ft. to ..... ft. Gage .....

(7) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Mills Knife

Size of perforations 3/8 in. by 3 in.

32 perforations from 69 ft. to 76 ft.

705 perforations from 76 ft. to 123 ft.

20 perforations from 123 ft. to 128 ft.

30 perforations from 128 ft. to 130 ft.

541 perforations from 150 ft. to 255 ft.

(8) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name .....

Type ..... Model No. .....

Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(9) CONSTRUCTION:

Well seal—Material used in seal see other sheet.

Depth of seal ..... ft. Was a packer used? .....

Diameter of well bore to bottom of seal ..... in.

Were any loose strata cemented off? ☐ Yes ☐ No Depth .....

Was a drive shoe used? ☐ Yes ☐ No

Was well gravel packed? ☐ Yes ☐ No Size of gravel: .....

Gravel placed from ..... ft. to ..... ft.

Did any strata contain unusable water? ☐ Yes ☐ No

Type of water? depth of strata

Method of sealing strata off

(10) WATER LEVELS:

Static level 18 ft. below land surface Date 3/27/67

Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers

Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.

" " " "

" " " "

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG:

Diameter of well below casing 6"0

Depth drilled 260 ft. Depth of completed well 260 ft.

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Clay- grey, sticky	198	215
Clay-light brown,sticky	215	233
Clay-greyish blue,sticky	233	244
Clay-greyish brown,sticky	244	260

Work started March 1, 1967, Completed March 29, 1967

Date well drilling machine moved off of well March 29 1967

(13) PUMP:

Manufacturer's Name ?

Type: ..... H.P. .....

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)

Address Rte.3,Box 169,Silverton,Oregon

Drilling Machine Operator's License No. 322

[Signed] Paul R. Stadeli (Water Well Contractor)

Contractor's License No. 296 Date April 11, 1967

(USE ADDITIONAL SHEETS IF NECESSARY)

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

RECEIVED JUN 25 1969 STATE ENGINEER SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line) G-7297 G5446

State Well No. 6/1W-15 da

State Permit No. .....

(1) OWNER:
Name Chuck Wavra
Address Rtl Mt Angel, Oreg

(2) TYPE OF WORK (check):
New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) CASING INSTALLED:
Threaded ☐ Welded ☒
10" Diam. from 0 ft. to 548 ft. Gage .250
..." Diam. from ... ft. to ... ft. Gage ...
..." Diam. from ... ft. to ... ft. Gage ...

PERFORATIONS:
Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations ... in. by ... in.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.

(7) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name ...
Type ... Model No. ...
Diam. ... Slot size ... Set from ... ft. to ... ft.
Diam. ... Slot size ... Set from ... ft. to ... ft.

(8) WATER LEVEL: Completed well.
level 24 ft. below land surface Date 5/17/69
...sian pressure ... lbs. per square inch Date

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Driller

220	gal./min. with	51	ft. drawdown after	1 hrs.
360	"	128	"	3 "
500	"	194	"	4 "
600	"	221	"	5 "

Bailer test ... gal./min. with ... ft. drawdown after ... hrs.
Artesian flow ... g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION:
Well seal—Material used Orig.
Depth of seal ... ft.
Diameter of well bore to bottom of seal ... in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth ...
Was a drive shoe used? ☐ Yes ☒ No
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? ... depth of strata ...
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel: ...
Gravel placed from ... ft. to ... ft.

(11) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650' N & 375 W. of S.E. Cor Sec. 15
T-6-S--- R-1-W-

(12) WELL LOG:
Diameter of well below casing 9 3/4"
Depth drilled 673 4/3 ft. Depth of completed well 673 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Orig. Topsoil		260	
Clay sandy grey	260	390	
S. Claystone grey	390	420	
M. claystone grey	420	544	
H. Basalt grey	544	610	
M. " blk.	610	621	
H. " grey	621	665	
M. Pourous blk.	665	668	
H. " " grey	668	673	

Work started 3/14 69 Completed 5/17 1969
Date well drilling machine moved off of well 5/17 1969

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Paul R. Stadeli (Drilling Machine Operator) Date 6/23, 1969
Drilling Machine Operator's License No. 16

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rt 3 Silverton, Oreg
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date 6.23, 1969

(USE ADDITIONAL SHEETS IF NECESSARY)

WATER WELL REPORT
STATE OF OREGON

3179 MARION

RECEIVED
JUN 17 1983
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. 6S-1W-15

State Permit No.

(1) OWNER:
Name Oak Lane Farms
Address 8167 Oak Lane NE
City Mt. Angel State Or 97362

(2) TYPE OF WORK (check):
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐
Thermal: ☐ Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:
Steel ☒ Plastic ☐
Threaded ☐ Welded ☒
6" Diam. from +1 ft. to 540 ft. Gauge .250
" Diam. from ft. to ft. Gauge

LINER INSTALLED: None
" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:
Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Diam. Slot Size Set from ft. to ft.
Diam. Slot Size Set from ft. to ft.

WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
1500 gal./min. with drill stem at 700 ft. 2 hrs.
r test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Special standards: Yes ☒ No ☐
Well seal—Material used Cement & bent.
Well sealed from land surface to 540 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 21.25 bent. sacks
How was cement grout placed? Press pumped
Was pump installed? no Type HP Depth ft.
Was a drive shoe used? ☐ Yes ☒ No Plug Size: location ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Marion Driller's well number
NE ¼ NE ¼ Section 15 T. 6S R. 1W W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: NA

(11) WATER LEVEL: Completed well.
Depth at which water was first found 556 ft.
Static level 6 ft. below land surface. Date 5-10-83
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 10"-650' 8"-70
Depth drilled 700 ft. Depth of completed well 700 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Soil med brown	0	1	
Clay sticky brown	1	8	
Conglom. large brn-grey	8	125	
Clay sticky grey	125	194	
Conglom. med grey	194	215	
Clay sticky grey	215	365	
Clay sticky red-brn	365	404	
Clay sticky yellow	404	420	
Claystone soft grey	420	534	
Basalt med-hrd grey	534	543	
Claystone med-hrd green	543	552	
Basalt fract blk	552	556	WB
Basalt hrd blk	556	685	
Basalt fract blk	685	700	

Work started 4-13 1983 Completed 5-11 1983
Date well drilling machine moved off of well 5-11 1983

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Byron Stadele (Drilling Machine Operator) Date 5-12 1983
Drilling Machine Operator's License No. NA

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name West Coast Drilling Co. INC (Person, firm or corporation) (Type or print)
Address 220 Academy St. Mt. Angel Or.
[Signed] Charles E. Stadele (Water Well Contractor)
Contractor's License No. NA Date 5-12, 1983

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the Water Resources Department, Salem, Oregon 97310 within 30 days from the date of completion of well.

SP*12658-690

RECEIVED
AUG 26 1968
STATE ENGINEER
SALEM OREGON

RECEIVED
OCT 16 1968
STATE ENGINEER
SALEM OREGON

MAR 31 '90

NOTICE TO WATER WELL CONTRACTOR: The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON, within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON (Please type or print) Do not write above this line.

State Well No. 6/1W-15

State Permit No.

(1) OWNER:

Name Joseph Wavra

Address Rte.1,Box 135,Mt.Angel,Oregon

(2) TYPE OF WORK (check):

New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [X] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

CASING INSTALLED:

Threaded [ ] Welded [X]

12 " Diam. from 0 ft. to 50 ft. Gage .250

8 " Diam. from 0 ft. to 197 ft. Gage .250

" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? [XX] Yes [ ] No.

Type of perforator used Acetylene Torch

Size of perforations 3/16 in. by 6 in.

72 perforations from 65 ft. to 74 ft.
56 perforations from 80 ft. to 87 ft.
56 perforations from 90 ft. to 105 ft.
80 perforations from 135 ft. to 145 ft.
96 perforations from 185 ft. to 197 ft.

(7) SCREENS:

Well screen installed? [XX] Yes [ ] No

Manufacturer's Name Johnson

Type Irrigator Model No. 100

Diam. 8 Slot size 1/10" Set from 45 ft. to 65 ft.

Diam. 8 Slot size 1/10" Set from 105 ft. to 135 ft.

(8) WATER LEVEL: Completed well.

Static level 25 ft. below land surface Date 7/23/68

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [X] Yes [ ] No If yes, by whom? Drillers

Yield: 160 gal./min. with 162 ft. drawdown after 4 hrs.

" " " "

" " " "

Bailer test XX gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water XX Was a chemical analysis made? [ ] Yes [X] No

(10) CONSTRUCTION:

Well seal—Material used Bentonite & Clay

Depth of seal 36 ft.

Diameter of well bore to bottom of seal 16 in.

Were any loose strata cemented off? [ ] Yes [X] No Depth

Was a drive shoe used? [X] Yes [ ] No

Did any strata contain unusable water? [ ] Yes [XX] No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? [XX] Yes [ ] No Size of gravel: 3/8" to 1"

Gravel placed from 235 ft. to 0 ft.

(11) LOCATION OF WELL:

County Marion Driller's well number

¼ ¼ Section T. R. W

Bearing and distance from section or subdivision corner

approx.1875 ft.west & 1750 ft.south of N.E.corner of section 15,T.6 S.,R.1 W.

(12) WELL LOG:

Diameter of well below casing

Depth drilled 235 ft. Depth of completed well 197

Formation: Describe color, texture, grain size and structure of materials and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rate.

MATERIAL	From	To	SWL
Top soil-brn.	0	1	
Clay -brn.	1	8	
Course-cobblestones & clay,	8	18	b
Conglom.-grey-hd.	18		
Clay-brn.	18	23	
Conglom.-grey-hd. course-	23	36	
Clay-grey-	36	39	
Conglom.course-grey-hd.	39	43	
Med.conglom.-grey-hd.	43	74	
Clay-greyish-brn., soft-	74	77	
Med.congl.grey-med.hd.	77	87	
Clay-greyish-brn.soft - with some small gravel-	87	95	
Sand-grey-fine-packed-	95	97	
Med.congl.-grey-med.-hd.-	97	115	17
Muddy sand-grey-med.	115	129	
Clay-grey-with small gravel	129	150	1
Clay-grey-sticky-	150	155	
Clay-greyish-brn.& sticky	155	166	1
Clay-grey & sticky	166	171	1
Sandy-clay-grey-	171	183	1

Work started Continued on another sheet. 19 Completed 19

Date well drilling machine moved off of well 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my knowledge and belief.

[Signed] Paul R. Stadeli Date 8-15, 19

(Drilling Machine Operator)

Drilling Machine Operator's License No. 16

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R.Stadeli & Sons
(Person, firm or corporation) (Type or print)

Address Rte.3,Box 169,Silverton,Oregon

[Signed] Paul R. Stadeli
(Water Well Contractor)

Contractor's License No. 296 Date 8-15, 19

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

RECEIVED AUG 26 1968 STATE ENGINEER SALEM OREGON

RECEIVED OCT 16 1968 STATE ENGINEER SALEM OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print) (Do not write above this line)

State Well No. 6/1W-15 (

State Permit No.

CONTINUATION SHEET

(1) OWNER:
Name Joseph Wavra
Address Rte.1,Box 135,Mt.Angel,Oregon

(2) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☒ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:
Threaded ☐ Welded ☒
..." Diam. from .... ft. to .... ft. Gage ....
..." Diam. from .... ft. to .... ft. Gage ....
..." Diam. from .... ft. to .... ft. Gage ....

PERFORATIONS:
Perforated? ☐ Yes ☐ No.
Type of perforator used
Size of perforations in. by in.
.... perforations from .... ft. to .... ft.
.... perforations from .... ft. to .... ft.
.... perforations from .... ft. to .... ft.
.... perforations from .... ft. to .... ft.
.... perforations from .... ft. to .... ft.

(7) SCREENS:
Well screen installed? ☐ Yes ☐ No
Manufacturer's Name ....
Type .... Model No. ....
Diam. .... Slot size .... Set from .... ft. to .... ft.
Diam. .... Slot size .... Set from .... ft. to .... ft.

(8) WATER LEVEL: Completed well.
Static level ft. below land surface Date
Artesian pressure lbs. per square inch Date

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☐ No If yes, by whom?
.... gal./min. with .... ft. drawdown after .... hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(10) CONSTRUCTION:
Well seal—Material used ....
Depth of seal .... ft.
Diameter of well bore to bottom of seal .... in.
Were any loose strata cemented off? ☐ Yes ☐ No Depth ....
Was a drive shoe used? ☐ Yes ☐ No
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☐ No Size of gravel: ....

(11) LOCATION OF WELL:
County Driller's well number
¼ ¼ Section T. R. W.
Bearing and distance from section or subdivision corner

(12) WELL LOG:
Diameter of well below casing 0
Depth drilled 235 ft. Depth of completed well 197

Formation: Describe color, texture, grain size and structure of material and show thickness and nature of each stratum and aquifer penetrate with at least one entry for each change of formation. Report each chan in position of Static Water Level as drilling proceeds. Note drilling rat

MATERIAL	From	To	SWL
Med.congl.-grey-soft-	183	189	15
" " - " -hard-	189	191	15
Sandy-clay-grey-soft-	191	201	
Sandy-clay-greyish-brn.with some scattered gravel-	201	209	14
Clay-brn.& sticky-hard.-	209	219	
Clay-greyish-brn.-sticky-	219	225	

Work started 4/30/68 19 Completed 7/23/68 19
Date well drilling machine moved off of well 7/23/68 19

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Mat rials used and information reported above are true to my b knowledge and belief.
[Signed] Paul R. Stadeli (Drilling Machine Operator) Date 8/14/68 8
Drilling Machine Operator's License No. 16

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief.
NAME R.Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte.3,Box 169,Silverton,Oregon
[Signed] Paul R. Stadeli (Water Well Contractor)

Site Report and Claim of Beneficial Use

Application #: **G-13735** Permit #: **G-12967**

Charles D. Wavra
8167 Oak Lane
Mt. Angel, Oregon 97362
Tele#: 1-503-845-6185

Source:

Irrigation water for the primary irrigation of 10.5 acres and supplemental irrigation of 6.7 acres covered under this Permit, is obtained from two wells in the pudding River Basin which are described in more detail as follows:

MAR I 3193/3187

- **Well #1** (12" dia. x ~~260'~~ deep) is located 1790'N & 400'W from the SE corner of Section 15. The well is equipped with a 60-HP Lane/Bowler model 10FL line shaft turbine pump (600 GPM). Pump discharge is equipped with a pressure gage. An access port is available to measure well static and pumping water levels. Well is equipped with a 6" Micrometer water meter with indicator reading in GPM; totalizer reading in acre-feet. Meter totalizer reading at time of site visit was 179262 x .001 acre-feet.

700' MAR I 3179

- **Well #2** (12" dia. x ~~225' deep~~) is located 1150'S & 90'W from the NE corner of DLC 52. The well is equipped with a 60-HP Lane/Bowler model 10FL line shaft turbine pump (600 GPM). Pump discharge is equipped with a pressure gage. An access port is available to measure well static and pumping water levels. Well is equipped with a 6" Micrometer water meter with indicator reading in GPM; totalizer reading in acre-feet. Meter totalizer reading at time of site visit was 160594 x .001 acre-feet.

- Ties for the above diversion point were located from an aerial photo and field measurements.

Pipe:

Irrigation water is transported through approximately 4,200' of 6" buried main line and is applied through 3" hand lines. Owner stated that during a typical setting, Well #1 uses approximately 40 sprinkler heads and Well #2 uses approximately 40 sprinkler heads that are equipped with 11/64" nozzles while operating at a system pressure of 60 PSI. Owner stated that generally only one well is used at a time during irrigation, but both can be used at the same time. Water usage is computed to be as follows:

Well #1: 40 heads x 6.8 GPM = **272.0 GPM/ 0.61 CFS**
Well #2: 40 heads x 6.8 GPM = **272.0 GPM/ 0.61 CFS**

Water is being used to full permitted duty of 0.21 CFS

Lift:

Topography of the area being irrigated is nearly flat at approximate elevation 200.0 USGS. Elevation at well head #1 is approximately 195.0 USGS; well head #2 is approximately 190.0 USGS. It is estimated that the static water level in each well is approximately: Well #1-24'; Well #2-25'; (based on information from the water well report)

Time Limits:

Actual construction work shall begin on or before October 31, 1997 and shall be completed on or before October 1, 1998. Complete application of the water shall be made on or before October 1, 1999. **Time Limits Met.**

Uses:

Water is being used to irrigate pasture and grass seed.

Well Pump Test :

The Permittee has been advised that a pump test meeting the requirements of the Water Resources Department must be completed and submitted to Water Resources before a certificate of water right will be issued.

The final proof survey and inspection of use were found to be completed under the terms and conditions of Permit G-12967. This final proof survey and inspection was completed by me on September 3, 2000, and the facts contained in this report and accompanying final proof map are correct to the best of my knowledge.

Certified Water Right Examiner #117
Jay [illegible] Schuette
Nov. 19, 1987
STATE OF OREGON

I, Charles Wavra, agree to the findings of the Certified Water Rights Examiner and do submit this site report and map as my Claim of Beneficial Use of the water as provided under the terms and conditions of Permit G-12967.

Charles B. Wavra

Oregon
John A. Kitzhaber, M.D., Governor

Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

November 23, 1999

CHARLES WAVRA
8167 OAK LN
MT ANGEL OR 97362

REFERENCE: File G13735
Permit G12967

We have received your notice that complete application of water has been made under the above permit .

In order to obtain a certificate of water right, you are required by law to hire a Certified Water Right Examiner (CWRE) to conduct the final proof survey of the completed use. This must be done within one year after the use is reported as being complete or within one year after the beneficial use date allowed in the permit, whichever occurs first. Accordingly, the map and claim of beneficial use must be received in this office on or before **October 1, 2000.** A list of Certified Examiners is available upon request by calling the above number, extension 320.

The Department requires that the CWRE has a copy of the permit or transfer order to compile the claim of beneficial use. All permit conditions need to be addressed in the claim and map you submit.

Upon receipt of the map and claim of beneficial use, the information will be reviewed and a brief field inspection may be conducted by a representative of this office. Following that, a proposed certificate of water right will be mailed to you for review.

In addition, before the Water Right Certificate is issued, you are required to submit a well pump test. This test must be done according to the instructions in the brochure. Forms and brochures are available upon request. This is not required if your priority date is before December 20, 1988.

In the meantime, the permit you hold is valid evidence of your right to use the water.

If you have any questions, please contact the Water Rights Section at 378-3739, or toll-free within Oregon 1-800-624-3199.

Sincerely,

DALLAS MILLER
Natural Resource Specialist 2

DM:jh

cc: Watermaster
CWRE

WATER RESOURCES DEPARTMENT

MEMO

March 13, 1996

TO: Kerry Lefever, Water Rights Section

FROM: Marc Norton, Groundwater/Hydrology Section

SUBJECT: Groundwater Application G-13735

An objection was received after the preliminary review of this application. This review addresses only that portion of the objection which pertains to the Groundwater/Hydrology Section's component of the technical review.

The CWRE indicates that the Applicants well #1 has been deepened and is therefore no longer in hydraulic connection with surface waters.

If well #1 had been properly reconstructed at the time it was deepened, the CWRE would be right. Unfortunately, the well was not properly reconstructed. The casing in the well is still perferated from about 33 feet to 255 feet below land surface. A 10 inch liner was installed from 0 to 548 feet when the well was deepened. Now the well is open to the upper alluvial material and to the lower basalts. The well will need to be reconstructed prior to allowing use under the proposed permit otherwise it should be limited to months allowed in the proposed final order. If well #1 is reconstructed, the conditions should be the same as well #2.

Is Well #1 a point of diversion for a second or third water right? If so, was that water right granted for an alluvial well? Would deepening cancel the first right?

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

3187

State Well No. .....
State Permit No. .....

(1) OWNER:
Name Chuck Mayne
Address Rt 1 Mt Angel, Oreg

(2) TYPE OF WORK (check):
New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☒ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:
Threaded ☐ Welded ☒
10" Diam. from 0 ft. to 548 ft. Gage .250
..." Diam. from ... ft. to ... ft. Gage ...
..." Diam. from ... ft. to ... ft. Gage ...

PERFORATIONS:
Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations ... in. by ... in.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.
... perforations from ... ft. to ... ft.

(7) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name ...
Type ... Model No. ...
Diam. ... Slot size ... Set from ... ft. to ... ft.
Diam. ... Slot size ... Set from ... ft. to ... ft.

(8) WATER LEVEL: Completed well.
Static level 24 ft. below land surface Date 5/17/69
Artesian pressure ... lbs. per square inch Date

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Driller

220	gal./min. with	51	ft. drawdown after	1	hrs.
360	"	128	"	3½	"
500	"	194	"	4½	"
xx 600	"	221	"	5½	"

Bailer test ... gal./min. with ... ft. drawdown after ... hrs.
Artesian flow ... g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION:
Well seal—Material used Orig.
Depth of seal ... ft.
Diameter of well bore to bottom of seal ... in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth ...
Was a drive shoe used? ☐ Yes ☒ No
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? ... depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel: ...
Gravel placed from ... ft. to ... ft.

(11) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650' N & 375 W. of S.E. Cor Sec. 15
T-6-S--- R-1-W-

(12) WELL LOG:
Diameter of well below casing 9¾"
Depth drilled 413 ft. Depth of completed well 673 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Orig. Teeth		260	
Clay sandy grey	260	390	
S. Claystone grey	390	420	
M. claystone grey	420	544	
H. Basalt grey	544	610	
M. " " blk.	610	621	
H. " " grey	621	665	
M. Pourous blk.	665	668	
H. " " " grey	668	670	

Work started 3/14 69 Completed 5/17 1969
Date well drilling machine moved off of well 5/17 1969

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Paul R. Stadeli Date 6/23, 1969
(Drilling Machine Operator)
Drilling Machine Operator's License No. ...

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadeli & Sons
(Person, firm or corporation) (Type or print)
Address Rt 3 Silverton, Oreg
[Signed] Paul R. Stadeli
(Water Well Contractor)
Contractor's License No. 296 Date 6.23, 1969

(USE ADDITIONAL SHEETS IF NECESSARY)

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion

~~37~~ 3193

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

State Well No 6/1w-15 J
State Permit No.

(1) OWNER:
Name Mr. Charles Mavra
Address Rte.1, Box 140
Mt. Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650 ft. north & 375 ft. west of S.E. corner of section 15, T.6 S.R.1 W.

(3) TYPE OF WORK (check):
Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☒
12 " Diam. from 0 ft. to 260 ft. Gage .250
12 " Diam. from ft. to ft. Gage .279
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
75 perforations from 33 ft. to 38 ft.
225 perforations from 44 ft. to 59 ft.
12 perforations from 59 ft. to 62 ft.
100 perforations from 62 ft. to 69 ft.
~~1328~~ continued on ~~69~~ ft. to ~~???~~ ft.
~~perforations from~~ attached sheet.

(8) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Model No.
D. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Bentonite & cuttings
Depth of seal 18 ft. Was a packer used? yes, gravel
Diameter of well bore to bottom of seal 16 in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth
Was a drive shoe used? ☒ Yes ☐ No
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs
" " " "
" " " "
Bailer test XX gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water XX Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:
Diameter of well below casing XX 0
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top soil-brown	0	1
Clay- "	1	15
Sandy clay- " ,soft	15	25
Course congl.,-brown,hard,	25	33
Med. congl.- " , "	33	38
Sandy clay- greyish-brown,	38	44
Med.congl.-grey,med.hard	44	59
Gritty-clay, ", ~~soft~~firm,	59	62
Med.congl.-grey,med.hard	62	69
Sandy clay- brown	69	76
Med. congl.-grey, hard	76	102
Gritty clay with small gravel	102	104
Med.congl.-grey,med. hard	104	114
Sandy clay-dark grey	114	118
Med. congl.-grey, ~~soft~~med.hd.	118	123
Gritty clay-grey,firm,	123	128
Med.congl.-grey, med.hard	128	132
Med. sand- grey-packed,	132	148
Clay-blueish grey	148	159
Med.congl.-grey,med. hard	159	161
Clay-sandy-grey, sticky	161	189
Med.congl.-grey,med.hard,	189	198

(CONTINUED ON ATTACHED SHEET)
Work started March 1, 1967. Completed March 29, 1967
Date well drilling machine moved off of well March 29, 1967

(13) PUMP:
Manufacturer's Name ?
Type: H.P.

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte. 3, Box 169, Silverton, Oregon
Drilling Machine Operator's License No. 322
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

(USE ADDITIONAL SHEETS IF NECESSARY)

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

State Well No. 6/1W-15 J
State Permit No.

(1) OWNER: (CONTINUATION SHEET)
Name Mr. Charles Wavra
Address Rte.1, Box 140
Mt.Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
SEE Loc.is on the other sheet.

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED: Threaded ☐ Welded ☒
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS: Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
32 perforations from 69 ft. to 76 ft.
705 perforations from 76 ft. to 123 ft.
20 perforations from 123 ft. to 128 ft.
30 perforations from 128 ft. to 130 ft.
541 perforations from 150 ft. to 255 ft.

(8) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Model No.
Dia. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well seal—Material used in seal see other sheet.
Depth of seal ft. Was a packer used?
Diameter of well bore to bottom of seal in.
Were any loose strata cemented off? ☐ Yes ☐ No Depth
Was a drive shoe used? ☐ Yes ☐ No
Was well gravel packed? ☐ Yes ☐ No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG: Diameter of well below casing XXX
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Clay- grey, sticky	198	215
Clay-light brown,sticky	215	233
Clay-greyish blue,sticky	233	244
Clay-greyish brown,sticky	244	260

Work started March 1, 1967 Completed March 29, 1967
Date well drilling machine moved off of well March 29 1967

(13) PUMP:
Manufacturer's Name ?
Type: H.P.

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte.3,Box 169,Silverton,Oregon
Drilling Machine Operator's License No. 322
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

(USE ADDITIONAL SHEETS IF NECESSARY)

Water Resources Department

MEMO 1/10, 1996

TO **Application G-** 13735 Well 1 & Well 2

FROM **GW:** Marc Norton
(Reviewer's Name)

SUBJECT **Scenic Waterway Interference Evaluation**

☐ Yes
☒ No

The source of appropriation is within or above a Scenic Waterway.

☐ Yes
☒ No

Use the Scenic Waterway condition (Condition 7J).

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

☒ At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: *(To be filled out only if Preponderance of Evidence box is not checked)*

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

TO: Water Rights Section 1/10, 1996

FROM: Groundwater/Hydrology Section Marc Norton
Reviewer's Name

SUBJECT: Application G-13735

* Well 1 *

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's is/~~is not~~ within 1/4 ~~feet~~/mile of a surface water source (Walker Ditch & Unnamed Trib to Pudding) and taps a groundwater source hydraulically connected to the surface water.

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
   a. X will, or have the potential for substantial interference with the nearest
   b. ___ will not surface water source, namely Walker Ditch & Pudding or
   c. ___ will if properly conditioned, adequately protect the surface water from interference:
      i. ___ The permit should contain condition #(s)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ~~X~~ will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B 7G
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or

4. a. ___ THE PERMIT should allow groundwater production from no deeper than_____ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than____ft. below land surface;
   c. ___ The permit should allow groundwater production only from the_____ groundwater reservoir between approximately _____ft. and _____ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:_____

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
   a.____review of the well log;
   b.____field inspection by _____;
   c.____report of CWRE _____;
   d.____other: (specify) _____
   _____

6. THE WELL construction deficiency:
   a.____constitutes a health threat under Division 200 rules;
   b.____commingles water from more than one groundwater reservoir;
   c.____permits the loss of artesian head;
   d.____permits the de-watering of one or more groundwater reservoirs;
   e.____other: (specify) _____
   _____

7. THE WELL construction deficiency is described as follows: _____
   _____
   _____

8. THE WELL
   a.____was, or
   b.____was not
   constructed according to the standards in effect at the time of original construction or most recent modification.
   c.____I don't know if it met standards at the time of construction.

RECOMMENDATION:

A.____I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."

B.____I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.

C.____REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____ _____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons:_____
_____
_____

_____ _____, 199__.
(Signature)

TO: Water Rights Section 1/10, 1996

FROM: Groundwater/Hydrology Section Marc A Notton
Reviewer's Name

SUBJECT: Application G-13735 *Well 2*

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
   a. ___ will, or have the potential for substantial interference with the nearest
   b. X will not surface water source, namely _____; or
   c. ___ will if properly conditioned, adequately protect the surface water from interference:
      i. ___ The permit should contain condition #(s)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ___ will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B 7I;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or

4. a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than _____ ft. below land surface;
   c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: ~~I~~ used the full discharge rate from each well in my review.

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
   a.____review of the well log;
   b.____field inspection by _____;
   c.____report of CWRE _____;
   d.____other: (specify) _____
   _____

6. THE WELL construction deficiency:
   a.____constitutes a health threat under Division 200 rules;
   b.____commingles water from more than one groundwater reservoir;
   c.____permits the loss of artesian head;
   d.____permits the de-watering of one or more groundwater reservoirs;
   e.____other: (specify) _____
   _____

7. THE WELL construction deficiency is described as follows: _____
   _____
   _____

8. THE WELL
   a.____was, or
   b.____was not
   constructed according to the standards in effect at the time of original construction or most recent modification.
   c.____I don't know if it met standards at the time of construction.

RECOMMENDATION:

A.____I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."

B.____I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.

C.____REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____ _____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons:_____
_____
_____

_____ _____, 199__.
(Signature)

WATER RESOURCES DEPARTMENT

MEMO

March 13, 1996

TO: Kerry Lefever, Water Rights Section

FROM: Marc Norton, Groundwater/Hydrology Section

SUBJECT: Groundwater Application G-13735

An objection was received after the preliminary review of this application. This review addresses only that portion of the objection which pertains to the Groundwater/Hydrology Section's component of the technical review.

The CWRE indicates that the Applicants well #1 has been deepened and is therefore no longer in hydraulic connection with surface waters.

If well #1 had been properly reconstructed at the time it was deepened, the CWRE would be right. Unfortunately, the well was not properly reconstructed. The casing in the well is still perferated from about 33 feet to 255 feet below land surface. A 10 inch liner was installed from 0 to 548 feet when the well was deepened. Now the well is open to the upper alluvial material and to the lower basalts. The well will need to be reconstructed prior to allowing use under the proposed permit otherwise it should be limited to months allowed in the proposed final order. If well #1 is reconstructed, the conditions should be the same as well #2.

Is Well #1 a point of diversion for a second or third water right? If so, was that water right granted for an alluvial well? Would deepening cancel the first right?

13735

Water Resources Department

MEMO 1/10, 1996

TO Application G-13735 Well 1 & Well 2

FROM GW: Marc Norton
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

☐ Yes
☒ No

The source of appropriation is within or above a Scenic Waterway.

☐ Yes
☒ No

Use the Scenic Waterway condition (Condition 7J).

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

☒

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: *(To be filled out only if Preponderance of Evidence box is not checked)*

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

13735

TO: Water Rights Section 1/10, 1996

FROM: Groundwater/Hydrology Section Marc Norton
Reviewer's Name

SUBJECT: Application G- 13735
* Well 1 *

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's is/~~is not~~ within 1/4 ~~mile~~/mile of a surface water source (Walker Ditch & Unnamed Trib to Pudding) and taps a groundwater source hydraulically connected to the surface water.

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
   a. X will, or have the potential for substantial interference with the nearest
   b. ___ will not surface water source, namely Walker Ditch & Pudding or
   c. ___ will if properly conditioned, adequately protect the surface water from interference:
      i. ___ The permit should contain condition #(s)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. X will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B 7G
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
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4. a. ___ THE PERMIT should allow groundwater production from no deeper than_____ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than____ft. below land surface;
   c. ___ The permit should allow groundwater production only from the_____ groundwater reservoir between approximately _____ft. and _____ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:_____

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
   a.____review of the well log;
   b.____field inspection by _____;
   c.____report of CWRE _____;
   d.____other: (specify) _____
   _____

6. THE WELL construction deficiency:
   a.____constitutes a health threat under Division 200 rules;
   b.____commingles water from more than one groundwater reservoir;
   c.____permits the loss of artesian head;
   d.____permits the de-watering of one or more groundwater reservoirs;
   e.____other: (specify) _____
   _____

7. THE WELL construction deficiency is described as follows: _____
   _____
   _____

8. THE WELL
   a.____was, or
   b.____was not
   constructed according to the standards in effect at the time of original construction or most recent modification.
   c.____I don't know if it met standards at the time of construction.

RECOMMENDATION:

A.____I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."

B.____I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.

C.____REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____ _____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons:_____
_____
_____

_____ _____, 199__.
(Signature)

TO: Water Rights Section 1/10, 1996

FROM: Groundwater/Hydrology Section Marc A Norton
Reviewer's Name

SUBJECT: Application G-13735 *Well 2*

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
   a. ___ will, or have the potential for substantial interference with the nearest
   b. X will not surface water source, namely _____; or
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      i. ___ The permit should contain condition #(s)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ___ will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B 7I;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or

4. a. ___ THE PERMIT should allow groundwater production from no deeper than_____ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than____ft. below land surface;
   c. ___ The permit should allow groundwater production only from the_____ groundwater reservoir between approximately _____ft. and _____ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: ~~I~~ used the full discharge rate from each well in my review.

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
   a.____review of the well log;
   b.____field inspection by _____;
   c.____report of CWRE _____;
   d.____other: (specify) _____
   _____

6. THE WELL construction deficiency:
   a.____constitutes a health threat under Division 200 rules;
   b.____commingles water from more than one groundwater reservoir;
   c.____permits the loss of artesian head;
   d.____permits the de-watering of one or more groundwater reservoirs;
   e.____other: (specify) _____
   _____

7. THE WELL construction deficiency is described as follows: _____
   _____
   _____

8. THE WELL a.____was, or . constructed according to the standards in effect at the time of
   b.____was not original construction or most recent modification.
   c.____I don't know if it met standards at the time of construction.

RECOMMENDATION:

A.____I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."

B.____I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.

C.____REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____ _____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons:_____
_____
_____

_____ _____, 199__.
(Signature)

Water Resources Department

MEMO 1/10, 1996

TO **Application G-** 13735 Well 1 & Well 2

FROM **GW:** Marc Norton
(Reviewer's Name)

SUBJECT **Scenic Waterway Interference Evaluation**

☐ Yes
☒ No — The source of appropriation is within or above a Scenic Waterway.

☐ Yes
☒ No — Use the Scenic Waterway condition (Condition 7J).

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

☒ At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: *(To be filled out only if Preponderance of Evidence box is not checked)*

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Date 12/14/95
FROM: Marc Norton
SUBJECT: Groundwater Application G- 13735

Applicants(s) seek 97.0 gpm (.21 cfs) from 2 wells in the Willamette basin
Charles D. Wavra Pudding sub basin
_____ sub basin

Pertinent 7 1/2 - minute quads Silverton _____
_____ _____

Well 1 WRD# MAR 3193 T 6S R 1W S 15 QQ _____ County Marion
Legal Description _____
Well is 1250 ft from Walker Ditch (river/stream)
Well is 1250 ft from Unnamed Trib of Pudding (river/stream)
Well Elevation 205 ft River/Stream elevation 195 - 185 ft.
Well Elevation - River/Stream elevation 10 - 20 ft.
Well depth 260 ft SWL 18 ft on 3/27/69
Sealed to 18 ft Depth first water found _____ ft
Cased to 260 ft Perforations/screens 33-255 ft
Lined to _____ ft Perforations/screens _____ ft
Well test and types 150 GPM @ 177 ft of dd after 4 hours
(Confined or (Unconfined)) Direct hydraulic connection? (YES) / NO
Potential to cause substantial interference? _____

7B
7C

Well 2 WRD# _____ T 6S R 1W S 15 QQ _____ County Marion
Legal Description _____
Well is 400 ft from Walker Ditch (river/stream)
Well is [illegible] ft from _____ (river/stream)
Well Elevation 175 ft River/Stream elevation 165 ft.
Well Elevation - River/Stream elevation 10 ft.
Well depth 700 ft SWL 6 ft on 5/10/83
Sealed to 540 ft Depth first water found _____ ft
Cased to 540 ft Perforations/screens _____ ft
Lined to _____ ft Perforations/screens _____ ft
Well test and types 1500 GPM @ Drill Stem @ 700 ft for 2 hrs
(Confined) or Unconfined) Direct hydraulic connection? YES / (NO)
Potential to cause substantial interference? NO

7B
7I

Conditioned water rights in area: _____
Other nearby water rights of record: _____
Density of nearby wells: _____

Comments: The wells are located within ~~one~~ two miles of the Mt. Angel Ground Water Limited area

Well 1 is Alluvial, Well 2 is basalt. Application does not specify how much from each well.

References Used: _____

3/93
MARI...

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED ... 1967 STATE ENGINEER ... OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

Well 1

State Well No. 6/1W-15 J

State Permit No. .....

(1) OWNER:
Name Mr. Charles Wavra
Address Rte.1, Box 140
Mt. Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650 ft. north & 375 ft. west of S.E. corner of section 15, T.6 S.R.1 W.

(3) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) TYPE OF WELL:
Rotary [ ] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(6) CASING INSTALLED:
Threaded [ ] Welded [X]
12 " Diam. from 0 ft. to 260 ft. Gage .250
12 " Diam. from ... ft. to ... ft. Gage .279
... " Diam. from ... ft. to ... ft. Gage ...

(7) PERFORATIONS:
Perforated? [X] Yes [ ] No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
75 perforations from 33 ft. to 38 ft.
225 perforations from 44 ft. to 59 ft.
12 perforations from 59 ft. to 62 ft.
100 perforations from 62 ft. to 69 ft.
~~1328~~ continued on ~~69~~ perforations from ~~...~~ ft. to ~~...~~ ft.
attached sheet.

(8) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name ...
... Model No. ...
D. ... Slot size ... Set from ... ft. to ... ft.
Diam. ... Slot size ... Set from ... ft. to ... ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Bentonite & cuttings
Depth of seal 18 ft. Was a packer used? yes, gravel
Diameter of well bore to bottom of seal 16 in.
Were any loose strata cemented off? [ ] Yes [X] No Depth ...
Was a drive shoe used? [X] Yes [ ] No
Was well gravel packed? [ ] Yes [X] No Size of gravel: ...
Gravel placed from ... ft. to ... ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.
" " " "
" " " "
Bailer test XX gal./min. with ... ft. drawdown after ... hrs.
Artesian flow ... g.p.m. Date ...
Temperature of water XX Was a chemical analysis made? [ ] Yes [X] No

(12) WELL LOG:
Diameter of well below casing XX 0
Depth drilled 260 ft. Depth of completed well 260 ft.

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top soil-brown	0	1
Clay- "	1	15
Sandy clay- " ,soft	15	25
Course congl.,-brown,hard,	25	33
Med. congl.- " , "	33	38
Sandy clay- greyish-brown,	38	44
Med.congl.-grey,med.hard	44	59
Gritty-clay, ", ~~soft~~firm,	59	62
Med.congl.-grey,med.hard	62	69
Sandy clay- brown	69	76
Med. congl.-grey, hard	76	102
Gritty clay with small gravel	102	104
Med.congl.-grey,med. hard	104	114
Sandy clay-dark grey	114	118
Med. congl.-grey, ~~soft~~med.hd.	118	123
Gritty clay-grey,firm,	123	128
Med.congl.-grey, med.hard	128	132
Med. sand- grey-packed,	132	148
Clay-blueish grey	148	159
Med.congl.-grey,med. hard	159	161
Clay-sandy-grey, sticky	161	189
Med.congl.-grey,med.herd,	189	198

(CONTINUED ON ATTACHED SHEET)

Work started March 1, 1967. Completed March 29 1967
Date well drilling machine moved off of well March 29 1967

(13) PUMP:
Manufacturer's Name ?
Type: ... H.P. ...

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte. 3, Box 169, Silverton, Oregon
Drilling Machine Operator's ~~License~~ No. 322
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

(USE ADDITIONAL SHEETS IF NECESSARY)

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

State Well No. 6/1w-15 J
State Permit No.

(1) OWNER: (CONTINUATION SHEET)
Name Mr. Charles Wavra
Address Rte.1, Box 140
Mt.Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
SEE Loc.is on the other sheet.

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☒
..." Diam. from ... ft. to ... ft. Gage ...
..." Diam. from ... ft. to ... ft. Gage ...
..." Diam. from ... ft. to ... ft. Gage ...

(7) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
32 perforations from 69 ft. to 76 ft.
705 perforations from 76 ft. to 123 ft.
20 perforations from 123 ft. to 128 ft.
30 perforations from 128 ft. to 130 ft.
541 perforations from 150 ft. to 255 ft.

(8) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name ...
... Model No. ...
Dia. ... Slot size ... Set from ... ft. to ... ft.
Diam. ... Slot size ... Set from ... ft. to ... ft.

(9) CONSTRUCTION:
Well seal—Material used in seal see other sheet.
Depth of seal ... ft. Was a packer used? ...
Diameter of well bore to bottom of seal ... in.
Were any loose strata cemented off? ☐ Yes ☐ No Depth ...
Was a drive shoe used? ☐ Yes ☐ No
Was well gravel packed? ☐ Yes ☐ No Size of gravel: ...
Gravel placed from ... ft. to ... ft.
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG:
Diameter of well below casing XX0
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Clay- grey, sticky	198	215
Clay-light brown,sticky	215	233
Clay-greyish blue,sticky	233	244
Clay-greyish brown,sticky	244	260

Work started March 1, 1967 Completed March 29, 1967
Date well drilling machine moved off of well March 29 1967

(13) PUMP:
Manufacturer's Name ?
Type: ... H.P. ...

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadeli & Sons
(Person, firm or corporation) (Type or print)
Address Rte.3, Box 169, Silverton, Oregon
Drilling Machine Operator's License No. 322
[Signed] Paul R. Stadeli
(Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

WATER WELL REPORT
STATE OF OREGON MARI 3179

Well #2

Dad's Rotten

RECEIVED
JAN - 4 1996
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. ....
State Permit No. ....

(1) OWNER:
Name Oak Lane Farms
Address 8167 Oak Lane NE
City Mt. Angel State Or 97362

(2) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED: Steel ☒ Plastic ☐ Threaded ☐ Welded ☒
12" Diam. from +1 ft. to 540 ft. Gauge .250
...." Diam. from ...... ft. to ...... ft. Gauge ......

LINER INSTALLED: None
...." Diam. from ...... ft. to ...... ft. Gauge ......

(6) PERFORATIONS: Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations ...... in. by ...... in.
...... perforations from ...... ft. to ...... ft.
...... perforations from ...... ft. to ...... ft.
...... perforations from ...... ft. to ...... ft.

(7) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name ......
Type ...... Model No. ......
Diam. ...... Slot Size ...... Set from ...... ft. to ...... ft.
Diam. ...... Slot Size ...... Set from ...... ft. to ...... ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
Air test 1500 gal./min. with drill stem at 700 ft. 2 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ...... ft.

(9) CONSTRUCTION: Special standards: Yes ☐ No ☐
Well seal—Material used Cement & bent.
Well sealed from land surface to 540 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 21, 25 bent. sacks
How was cement grout placed? Press pumped

Was pump installed? no Type ...... HP ...... Depth ...... ft.
Was a drive shoe used? ☐ Yes ☒ No Plugs ...... Size: location ...... ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel: ......
Gravel placed from ...... ft. to ...... ft.

(10) LOCATION OF WELL:
County Marion Driller's well number
NE ¼ NE ¼ Section 15 T. 6S R. 1W W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: NA

(11) WATER LEVEL: Completed well.
Depth at which water was first found 556 ft.
Static level 6 ft. below land surface. Date 5-10-[illegible]
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 10" - 650[illegible]
Depth drilled 700 ft. Depth of completed well 700 ft.
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Soil med brown	0	1	
Clay sticky brown	1	8	
Conglom. large brn-grey	8	125	
Clay sticky grey	125	194	
Conglom. med grey	194	215	
Clay sticky grey	215	365	
Clay sticky red-brn	365	404	
Clay sticky yellow	404	420	
Claystone soft grey	420	534	
Basalt med-hrd grey	534	543	
Claystone med-hrd green	543	552	
Basalt fract blk	552	556	
Basalt hrd blk	556	685	
Basalt fract blk	685	700	

Work started 4-13 19 83 Completed 5-11 19[illegible]
Date well drilling machine moved off of well 5-11 19[illegible]

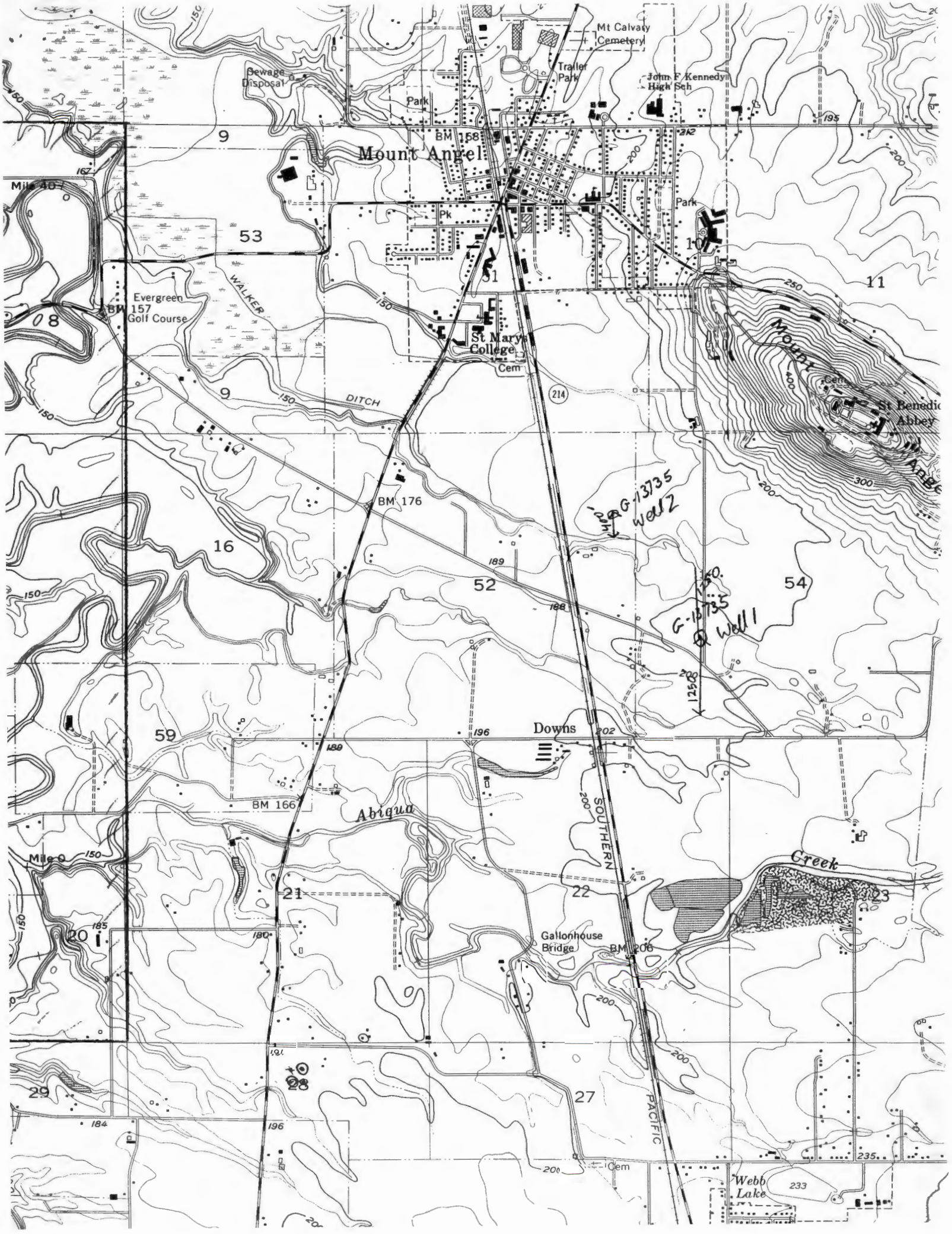
Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] [signature] (Drilling Machine Operator) Date 5-12 19[illegible]
Drilling Machine Operator's License No. NA

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name West Coast Drilling Co. In. (Person, firm or corporation) (Type or print)
Address 220 Academy St. Mt. Angel, Or.
[Signed] [signature] (Water Well Contractor)
Contractor's License No. NA Date 5-12 , 19[illegible]

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310

SP*12658-690


Mt Calvary Cemetery
Trailer Park
John F Kennedy High Sch
Sewage Disposal
Park
BM 158
Mount Angel
Pk
Park
Mile 40
Evergreen
BM 157
Golf Course
WALKER
St Mary's College
Cem
DITCH
214
Mount
Cem
St Benedic
Abbey
Angel
BM 176
G-13735
well 2
G-13735
well 1
Downs
BM 166
Abiqua
SOUTHERN
PACIFIC
Mile 0
Creek
Gallonhouse
Bridge
BM 206
Cem
Webb
Lake
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OREGON WATER RESOURCES

MEMO

December 14, 1995

TO: Water Rights

FROM: Marc Norton, Groundwater MAN

SUBJECT: Groundwater Application G-13735

I could not complete my review of the Groundwater Application G-13735 because it is incomplete. The application indicates that there are two wells, but the applicant has submitted a Water Well Report for only one of the wells. The section of the application that deals with well construction indicates that both Water Well Reports are attached.

Without a Water Well Report for both wells, I cannot determine if there is a potential for substantial interference with surface water or groundwater users. I cannot review well construction to determine if the well meets standards. I cannot determine which conditions to require without knowing which aquifer the applicant intends to develop.

The Water Well Reports must be identified on both the log and on the water right map. The location and construction of each well can greatly influence the outcome of the review.

When the second Water Well Report has been submitted, I will complete my review.

G-13735

Sarah

REVIEW CHECKLIST

FOR G- 13735

✓ Xerox appropriate parts of the stream index.

✓ Estimate number of wells within one mile radius and identify types.

✓ Verify that the well log is in application file. If not, provide one.

✓ List of state observation wells within five mile radius.

✓ List groundwater permits within five mile radius with extraordinary conditions.

WELLS: Marion #2

	do	id	ir	im	un		(T)
#1 6s 1w 15 SE	5	1	8	2			16
#2 "							
14	4		3				7
22	13		3	1			17
23	4		1				5
Total:	26	1	15	1	3		45

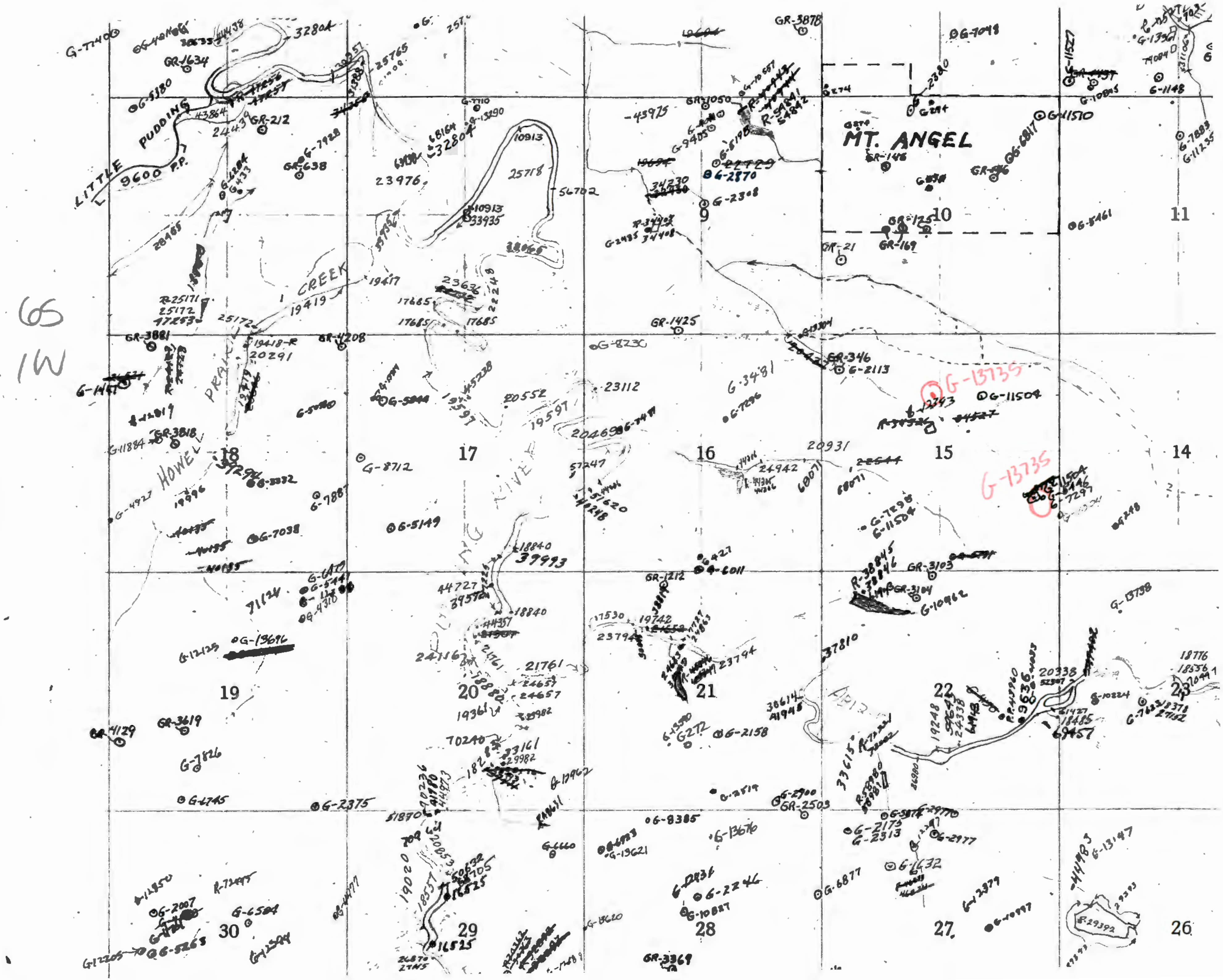
OBSERVATION WELLS:

#614 Alluvial
650 No Info
651 "
652 "

APPLICATIONS WITH PERMIT CONDITONS:

G-12407
12434
12850
13314
13590
13008
13161

RVW.CKLST


6S
1W
MT. ANGEL
LITTLE PUDDING
9600 P.P.
CREEK
HOWELL
G-13735
8
9
10
11
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26

Water Right Conditions Tracking Sheet

Groundwater/Hydrology Section

FILE #: G-13735

ROUTED TO: W.R

TOWNSHIP/ RANGE-SECTION: 6S/1W-15

CONDITIONS ATTACHED? [X] yes [ ] no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mari Norton

WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

February 15, 1996

To: Fred Lissner

From: Kerry Lefever, Initial Review

Subject: File G-13735 - objection from Jim Schuette, CWRE

Please see letter from Jim Schuette, the CWRE, dated February 6, 1996 regarding a liner in Well #1.

Please review the objection before the PFO/FO team reviews this application.

See letter in file.

Thanks.

JMS ENGINEERING

Jim Schuette, P.E.
CONSULTANT • CIVIL ENGINEER
CERTIFIED WATER RIGHTS EXAMINER

3000 Market St. N.E., Suite 510
Salem, Oregon 97301
503•585•5578
FAX 503•585•1856

February 6, 1996

Kerry Lefever
Water Rights Specialist
Water Resources Department
Commerce Building
158 12th St NE
Salem, Oregon 97310-0210

Re: File G-13735
Charles D. Wavra

Dear Kerry;

I have discussed the initial review determinations, as proposed by your department for the reference file, with Mr. Wavra as I was concerned with the proposed limited use of Well #1 being from March 1 to April 30.

I was informed that a liner had been placed in this well. In reviewing the well log it now appears that Well #1 is also obtaining its water from the same aquifer as Well #2. If this is the case, then the proposed restriction on Well #1 should be removed, and the use of Well #1 should allowed during the normal irrigation system.

Please review the enclosed well log and let me know if you have any questions. We will be waiting for your response on this matter.

Yours truly,

Jim Schuette, CWRE

cc: Charles Wavra

encl.

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
STATE ENGINEER, SALEM, OREGON 97310
within 20 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON
(Please type or print)
(Do not write above this line)

MARI 3187 = Dpn of Well

RECEIVED
FEB 08 1996
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. .....
State Permit No. .....

(1) OWNER:
Name Chuck Wavra
Address Rt1 Mt Angel, Oreg

(2) TYPE OF WORK (check):
New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☒ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) CASING INSTALLED: Threaded ☐ Welded ☒
10 " Diam. from 0 ft. to 348 ft. Gage .250
..... " Diam. from ..... ft. to ..... ft. Gage .....
..... " Diam. from ..... ft. to ..... ft. Gage .....

(6) PERFORATIONS: Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations in. by in.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

(7) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name .....
Type ..... Model No. .....
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(8) WATER LEVEL: Completed well.
Static level 24 ft. below land surface Date 5/17/69
Artesian pressure lbs. per square inch Date

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Driller

Yield:	gal./min. with	ft. drawdown after	hrs.
220	51	1	
360	128	3	
500	194	4	
600	221	5	
Bailer test	gal./min. with	ft. drawdown after	hrs.

Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION: Orig.
Well seal—Material used .....
Depth of seal ..... ft.
Diameter of well bore to bottom of seal ..... in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth .....
Was drive shoe used? ☐ Yes ☒ No
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

(11) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650' N & 375 W. of S.E. Cor Sec. 15
T-6-S --- R-1-W-

(12) WELL LOG: Diameter of well below casing 9 7/8"
Depth drilled 413 ft. Depth of completed well 673 ft.

Formation: Describe color, texture, grain size and structure of materials and show thickness and nature of each stratum and aquifer penetrated with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates

	From	To	SWL
Orig. depth		260	
Clay sandy grey	260	390	
S. Claystone grey	390	420	
M. Claystone grey	420	544	
H. Basalt grey	544	610	
M. " blk.	610	621	
H. " grey	621	665	
M. Pourous blk.	665	668	
H. " grey	668	673	

Work started 3/14 69 Completed 5/17 19 69
Date well drilling machine moved off of well 5/17 19 69

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Paul R. Stadeli (Drilling Machine Operator) Date 6/20 19 69
Drilling Machine Operator's License No. 16

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rt 3 Silverton, Oreg
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date 6.23 69

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

RECEIVED
FEB 08 1996
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. ____
State Permit No. ____

(1) OWNER: (CONTINUATION SHEET)
Name Mr. Charles Wayrn
Address Rte.1, Box 140
Mt.Angel,Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number ____
¼ ¼ Section ____ T. ____ S. R. ____ W.M.
Bearing and distance from section or subdivision corner
Loc.is on the other sheet.

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED: Threaded ☐ Welded ☒
____" Diam. from ____ ft. to ____ ft. Gage ____
____" Diam. from ____ ft. to ____ ft. Gage ____
____" Diam. from ____ ft. to ____ ft. Gage ____

(7) PERFORATIONS: Perforated ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in

32	perforations from	69	ft. to	76	ft.
705	perforations from	76	ft. to	123	ft.
20	perforations from	123	ft. to	128	ft.
30	perforations from	128	ft. to	130	ft.
541	perforations from	150	ft. to	255	ft.

(8) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name ____
Type ____ Model No. ____
Diam. ____ Slot size ____ Set from ____ ft. to ____ ft.
Diam. ____ Slot size ____ Set from ____ ft. to ____ ft.

(9) CONSTRUCTION:
see other sheet.
Well seal—Material used in seal ____
Depth of seal ____ ft. Was a packer used? ____
Diameter of well bore to bottom of seal ____ in.
Were any lower strata cemented off? ☐ Yes ☐ No Depth ____
Was a drive shoe used? ☐ Yes ☐ No
Was well gravel packed? ☐ Yes ☐ No Size of gravel: ____
Gravel placed from ____ ft. to ____ ft.
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____
Method of sealing strata off ____

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure ____ lbs. per square inch Date ____

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.
Bailer test ____ gal./min. with ____ ft. drawdown after ____ hrs.
Artesian flow ____ g.p.m. Date ____
Temperature of water ____ Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG: Diameter of well below casing 12"
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the materials in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Clay- grey, sticky	198	215
Clay-light brown,sticky	215	233
Clay-greyish blue,sticky	233	244
Clay-greyish brown,sticky	244	260

Work started March 1, 67 Completed March 29, 67
Date well drilling machine moved off of well March 29, 67

(13) PUMP:
Manufacturer's Name ____
Type: ____ H.P. ____

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadell & Sons
(Person, firm or corporation) (Type or print)
Address Rte.3, Box 169, Silverton, Oregon
Drilling Machine Operator's License No. 322
[Signed] Paul R. Stadelli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 67

MARI 3193

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

RECEIVED FEB 08 1996 WATER RESOURCES DEPT. SALEM, OREGON

State Well No.

(1) OWNER:
Name Mr. Charles Navre
Address Rte. 1, Box 140
Mt. Angel, Oregon

(2) LOCATION OF WELL:
County Marion   Driller's well number
¼ ¼ Section   T.   R.   W.M.
Bearing and distance from section or subdivision corner
1650 ft. north & 375 ft. west of S.E. corner of section 15, T.6 S.R.1 W.

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED: Threaded ☐ Welded ☒
12" Diam. from 0 ft. to 260 ft. Gage 250
12" Diam. from ft. to ft. Gage 279
" Diam. from ft. to ft. Gage

(7) PERFORATIONS: Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
75 perforations from 33 ft. to 38 ft.
225 perforations from 44 ft. to 59 ft.
12 perforations from 59 ft. to 62 ft.
100 perforations from 62 ft. to 69 ft.
continued on attached sheet

(8) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type   Model No.
Diam.   Slot size   Set from   ft. to   ft.
Diam.   Slot size   Set from   ft. to   ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Bentonite & cuttings
Depth of seal 18 ft. Was a packer used? yes, gravel
Diameter of well bore to bottom of seal 16 in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth
Was a drive shoe used? ☒ Yes ☐ No
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☐ No If yes, by whom? Driller
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.
Bailer test xx gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water xx Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG: Diameter of well below casing 12 0
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top soil-brown	0	1
Clay- "	1	15
Sandy clay- " ,soft	15	25
Course congl.,-brown,hard,	25	33
Med. congl.- " "	33	38
Sandy clay- greyish-brown,	38	44
Med. congl.-grey,med.hard	44	59
Gritty-clay, " , firm,	59	62
Med. congl.-grey,med.hard	62	69
Sandy clay- ,brown	69	70
Med. congl.-grey, hard	76	102
Gritty clay with small gravel	102	104
Med. congl.-grey,med. hard	104	114
Sandy clay-dark grey	114	118
Med. congl.-grey, med. hd.	118	123
Gritty clay-grey,firm,	123	128
Med. congl.-grey, med.hard	128	132
Med. sand- grey-packed,	132	148
Clay-blueish grey	148	159
Med. congl.-grey,med. hard	159	161
Clay-sandy-grey, sticky	161	189
Med. congl.-grey,med.hard,	189	193

(CONTINUED ON ATTACHED SHEET)

Work started March 1, 67, Completed March 2?, 67
Date well drilling machine moved off of well March 2?, 67

(13) PUMP:
Manufacturer's Name
Type: H.P.

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R. Stadeli & Sons
(Person, firm or corporation) (Type or print)
Address Rte. 3, Box 169, Silverton, Oregon

Drilling Machine Operator's License No. 322

[Signed] Paul R. Stadeli
(Water Well Contractor)

Contractor's License No. 296 Date April 11, 67

Well #1
Submitted w/ application

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

State Well No. 6/1W-15 J
State Permit No.

(1) OWNER:
Name Mr. Charles Wavra
Address Rte.1, Box 140
Mt. Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
1650 ft. north & 375 ft. west of S.E. corner of section 15, T.6 S.R.1 W.

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☒
12 " Diam. from 0 ft. to 260 ft. Gage .250
12 " Diam. from ft. to ft. Gage .279
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
75 perforations from 33 ft. to 38 ft.
225 perforations from 44 ft. to 59 ft.
12 perforations from 59 ft. to 62 ft.
100 perforations from 62 ft. to 69 ft.
~~1328~~ perforations from ~~69~~ ft. to ~~???~~ ft.
continued on attached sheet.

(8) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Bentonite & cuttings
Depth of seal 18 ft. Was a packer used? yes, gravel
Diameter of well bore to bottom of seal 16 in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth
Was a drive shoe used? ☒ Yes ☐ No
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs.
" " " "
" " " "
Bailer test XX gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water XX Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:
Diameter of well below casing XX 0
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top soil-brown	0	1
Clay- "	1	15
Sandy clay- " ,soft	15	25
Course congl.,-brown,hard,	25	33
Med. congl.- " , "	33	38
Sandy clay- greyish-brown,	38	44
Med.congl.-grey,med.hard	44	59
Gritty-clay, " , ~~soft~~firm,	59	62
Med.congl.-grey,med.hard	62	69
Sandy clay- brown	69	76
Med. congl.-grey, hard	76	102
Gritty clay with small gravel	102	104
Med.congl.-grey,med. hard	104	114
Sandy clay-dark grey	114	118
Med. congl.-grey, ~~soft~~med.hd.	118	123
Gritty clay-grey,firm,	123	128
Med.congl.-grey, med.hard	128	132
Med. sand- grey-packed,	132	148
Clay-blueish grey	148	159
Med.congl.-grey,med. hard	159	161
Clay-sandy-grey, sticky	161	189
Med.congl.-grey,med.hard,	189	198

(CONTINUED ON ATTACHED SHEET)

Work started March 1, 1967. Completed March 29 1967
Date well drilling machine moved off of well March 29 1967

(13) PUMP:
Manufacturer's Name ?
Type: H.P.

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte. 3, Box 169, Silverton, Oregon
Drilling Machine Operator's License No. 322
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

(USE ADDITIONAL SHEETS IF NECESSARY)

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

State Well No. 6/1W-15 J

State Permit No.

(1) OWNER: (CONTINUATION SHEET)
Name Mr. Charles Wavra
Address Rte.1, Box 140
Mt.Angel, Oregon

(2) LOCATION OF WELL:
County Marion Driller's well number
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
Loc.is on the other sheet.

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED: Threaded ☐ Welded ☒
..." Diam. from ... ft. to ... ft. Gage ...
..." Diam. from ... ft. to ... ft. Gage ...
..." Diam. from ... ft. to ... ft. Gage ...

(7) PERFORATIONS: Perforated? ☒ Yes ☐ No
Type of perforator used Mills Knife
Size of perforations 3/8 in. by 3 in.
32 perforations from 69 ft. to 76 ft.
705 perforations from 76 ft. to 123 ft.
20 perforations from 123 ft. to 128 ft.
30 perforations from 128 ft. to 130 ft.
541 perforations from 150 ft. to 255 ft.

(8) SCREENS: Well screen installed? ☐ Yes ☒ No
Manufacturer's Name ...
Type ... Model No. ...
Diam. ... Slot size ... Set from ... ft. to ... ft.
Diam. ... Slot size ... Set from ... ft. to ... ft.

(9) CONSTRUCTION:
Well seal—Material used in seal see other sheet.
Depth of seal ... ft. Was a packer used? ...
Diameter of well bore to bottom of seal ... in.
Were any loose strata cemented off? ☐ Yes ☐ No Depth ...
Was a drive shoe used? ☐ Yes ☐ No
Was well gravel packed? ☐ Yes ☐ No Size of gravel: ...
Gravel placed from ... ft. to ... ft.
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 18 ft. below land surface Date 3/27/67
Artesian pressure lbs. per square inch Date

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Drillers
Yield: 150 gal./min. with 177 ft. drawdown after 4 hrs
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG: Diameter of well below casing XX0
Depth drilled 260 ft. Depth of completed well 260 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Clay- grey, sticky	198	215
Clay-light brown,sticky	215	233
Clay-greyish blue,sticky	233	244
Clay-greyish brown,sticky	244	260

Work started March 1, 1967 Completed March 29, 1967
Date well drilling machine moved off of well March 29 1967

(13) PUMP:
Manufacturer's Name ?
Type: ... H.P. ...

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME R. Stadeli & Sons (Person, firm or corporation) (Type or print)
Address Rte.3,Box 169,Silverton,Oregon
Drilling Machine Operator's License No. 322
[Signed] Paul R. Stadeli (Water Well Contractor)
Contractor's License No. 296 Date April 11, 1967

Well #2

WATER WELL REPORT
STATE OF OREGON

Marit 3179

David's bottom

RECEIVED
JAN - 4 1996
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. ....

State Permit No. ....

(1) OWNER:

Name Oak Lane Farms
Address 8167 Oak Lane NE
City Mt. Angel State Or 97362

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

12" Diam. from +1 ft. to 540 ft. Gauge .250
......" Diam. from ...... ft. to ...... ft. Gauge ......

LINER INSTALLED: None

......" Diam. from ...... ft. to ...... ft. Gauge ......

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No

Type of perforator used
Size of perforations in. by in.
...... perforations from ...... ft. to ...... ft.
...... perforations from ...... ft. to ...... ft.
...... perforations from ...... ft. to ...... ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name ......
Type ...... Model No. ......
Diam. ...... Slot Size ...... Set from ...... ft. to ...... ft.
Diam. ...... Slot Size ...... Set from ...... ft. to ...... ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
Air test 1500 gal./min. with drill stem at 700 ft. 2 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ...... ft.

(9) CONSTRUCTION:

Special standards: Yes ☒ No ☐

Well seal—Material used Cement & bent.
Well sealed from land surface to 540 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 21, 25 bent. sacks
How was cement grout placed? Press pumped

Was pump installed? no Type ...... HP ...... Depth ...... ft.
Was a drive shoe used? ☐ Yes ☒ No Plugs ...... Size: location ...... ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel: ......
Gravel placed from ...... ft. to ...... ft.

(10) LOCATION OF WELL:

County Marion Driller's well number
NE ¼ NE ¼ Section 15 T. 6S R. 1W W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: NA

(11) WATER LEVEL: Completed well.

Depth at which water was first found 556 ft.
Static level 6 ft. below land surface. Date 5-10-83
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10" 650' 8"

Depth drilled 700 ft. Depth of completed well 700 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Soil med brown	0	1	
Clay sticky brown	1	8	
Conglom. large brn-grey	8	125	
Clay sticky grey	125	194	
Conglom. med grey	194	215	
Clay sticky grey	215	365	
Clay sticky red-brn	365	404	
Clay sticky yellow	404	420	
Claystone soft grey	420	534	
Basalt med-hrd grey	534	543	
Claystone med-hrd green	543	552	
Basalt fract blk	552	556	
Basalt hrd blk	556	685	
Basalt fract blk	685	700	

Work started 4-13 19 83 Completed 5-11 19 83
Date well drilling machine moved off of well 5-11 19 83

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] [signature] (Drilling Machine Operator) Date 5-12, 19 83

Drilling Machine Operator's License No. NA

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name West Coast Drilling Co. In (Person, firm or corporation) (Type or print)
Address 220 Academy St. Mt. Angel, Or

[Signed] [signature] (Water Well Contractor)

Contractor's License No. NA Date 5-12, 19 83

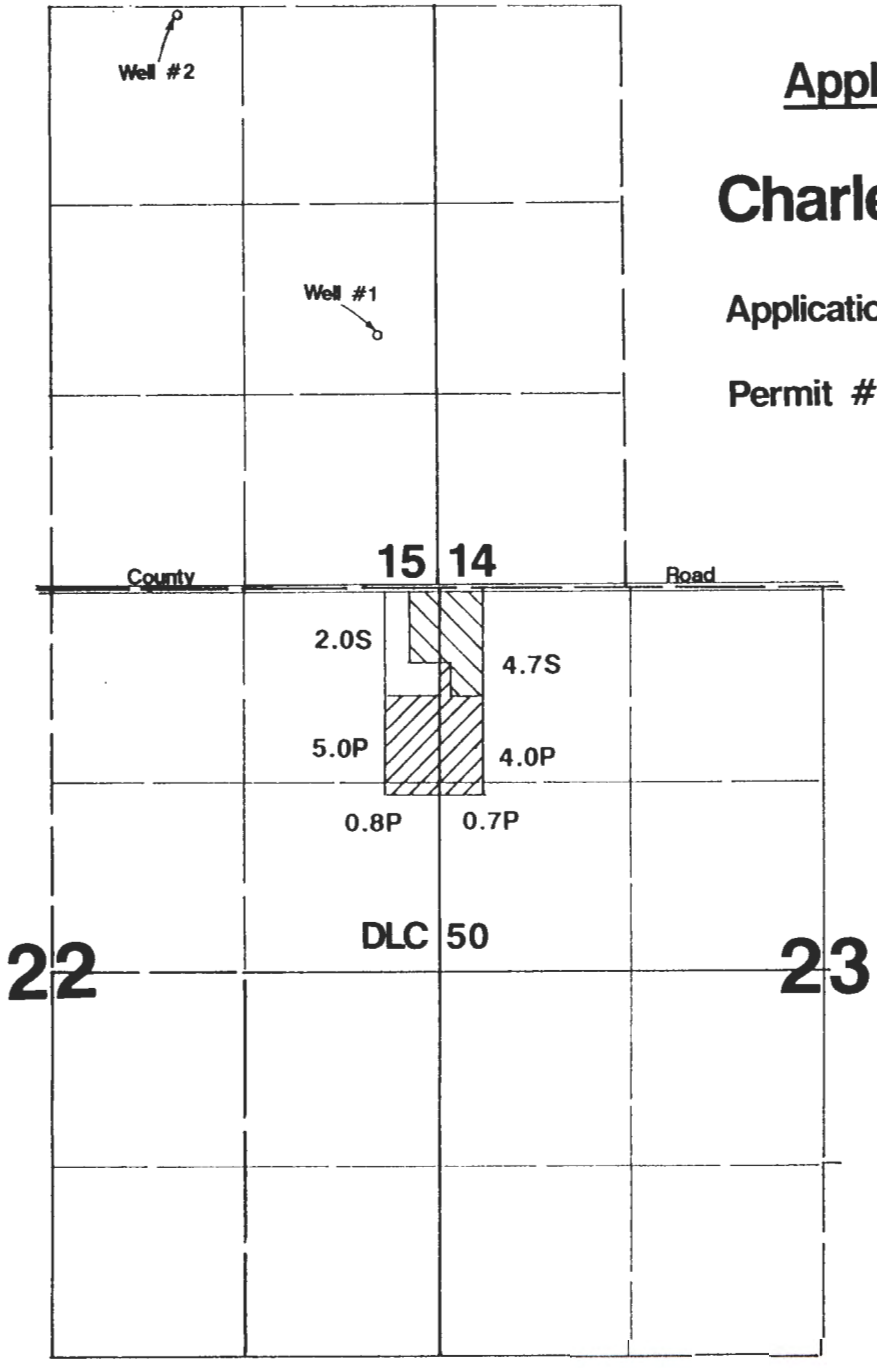
NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*12658-690

T.6S., R.1W., W.M.

RECEIVED
JUL 15 1994
WATER RESOURCES DEPT.
SALEM, OREGON



Application Map

Charles D. Wavra

Application #: G-13735

Permit #: G-12967

Well #1 located 1720'N & 500'W from SE corner Section 15.
Well #2 located 3900'N & 1750'W from SE corner Section 15.

Certified Water Right Examiner
#117
[illegible] Schmitz
Feb. 16, 1987
STATE OF OREGON

THIS MAP WAS PREPARED FOR THE PURPOSE OF IDENTIFYING THE LOCATION OF A WATER RIGHT ONLY AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATION OF PROPERTY OWNERSHIP LINES.

STATE OF OREGON

COUNTY OF MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CHARLES D. WAVRA
8167 OAK LANE
MT. ANGEL, OREGON 97362

(503) 845-6185

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-13735

SOURCE OF WATER: TWO WELLS IN PUDDING RIVER BASIN

PURPOSE OR USE: PRIMARY IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES

MAXIMUM RATE: 0.21 CUBIC FOOT PER SECOND TOTAL, FROM BOTH WELLS

PERIOD OF USE: MARCH 1 THROUGH APRIL 30 FROM WELL 1, AND MARCH 1 THROUGH OCTOBER 31 FROM WELL 2

DATE OF PRIORITY: JULY 5, 1994

POINT OF DIVERSION LOCATION: SW 1/4 NE 1/4, NE 1/4 SE 1/4, SECTION 15, T6S, R1W, W.M.; WELL 1 - 1720 FEET NORTH AND 500 FEET WEST; WELL 2 - 3900 FEET NORTH AND 1750 FEET WEST; BOTH FROM THE SE CORNER OF SECTION 15

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	PRIMARY	SUPPLEMENTAL
NE 1/4 NE 1/4	5.0 ACRES	2.0 ACRES
SE 1/4 NE 1/4	0.8 ACRE	
SECTION 22		
NW 1/4 NW 1/4	4.0 ACRES	4.7 ACRES
SW 1/4 NW 1/4	0.7 ACRE	
SECTION 23		

TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.

Measurement, recording and reporting conditions:

A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as

approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area.

This right is limited to any deficiency in the available supply of any prior right existing for the same land.

The use may be restricted if the quality of the source stream, namely the Pudding River, decreases to the point that it no longer meets state and federal water quality standards due to reduced flows.

THE FOLLOWING CONDITIONS APPLY TO WELL 1

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of 3 or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

THE FOLLOWING CONDITIONS APPLY TO WELL 2

Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A total water level decline of fifteen or more feet; or

(C) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(A) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(B) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(C) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(D) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(E) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

STANDARD CONDITIONS

THE FOLLOWING CONDITIONS APPLY TO BOTH WELL 1 AND WELL 2

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the wells shall begin within one year from permit issuance and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued October 31, 1996

Martha O. Pagel, Director
Water Resources Department

Application G-13735

COPY CHECK-OFF SHEET FOR PROPOSED FINAL ORDERS

CC: FILE # G-13735

WATERMASTER # 16: Dave Jarrett

REGIONAL MANAGER: Tom Paul

ODF&W - Marion County: YES

CWRE (if agent): JMS Engineering; Jim Schuette, P.E.; 3000 Market St. NE, Suite 510; Salem, OR 97301

DEQ: YES!

OTHER STATE AGENCY IF NECESSARY: Marion County Planning Department; 220 High Street NE, Room 230; Salem, OR 97301

DIVISION 33 LIST: YES COLUMBIA RIVER INTERTRIBAL FISH COMMISSION; U.S. FISH & WILDLIFE;
(CHECK ONLY IF APPLICABLE) NORTHWEST POWER PLANNING COUNCIL & NATIONAL MARINE FISHERIES

POWER BUILDER UPDATER; FRONT COUNTER

OTHER ADDRESSES OF PEOPLE WHO PAID THE $10 FEE:

PEOPLE WITH OBJECTIONS, COMMENTS OR REQUESTED COPY W/O $10 (SEND THE $10 LETTER):

Steve Schneider
21881 River Road NE
St. Paul, OR 97137

Virgil Diehl
13306 Downs Road, NE
Mt. Angel, OR 97362

CASEWORKER : BW

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-13735

Final Order

Application History

On July 5, 1994, CHARLES D WAVRA submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on April 16, 1996. The protest period closed May 31, 1996, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

Order

Upon submission of written authorization or easement and payment of outstanding permit recording fees, Application G-13735 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of $116.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to submit written authorization or easement and pay the required permit recording fees within 60 days from the date of this *Final Order* will result in the proposed rejection of Application G-13735.

DATED June 8, 1996

for Martha O. Pagel
Director

Appeal Rights

Under the provisions of ORS 183.484, the applicant may appeal this order by filing a petition for review in the Circuit Court for Marion County or the circuit court for the county in which the applicant resides or has a principal business office. The petition for review must be filed within 60 days after the date this order is served.

Date: 10/21/91

Charles D. Wavra
8167 Oak Lane
Mt. Angel, Or. 97362
Phone 845-6185

Water Resources Dept.
158 12th Street N.E.
Salem, Or. 97310-0210

Reference: File 6-13735

ATTN: Douglas Baer:

Enclosed are permission grants for crossing property connected with File 6-13735.

Sincerely
Charles D. Wavra

Date: Oct 18, 96

Water Resources Department
158 12th Street NE
Salem, Oregon 97310-0210

Reference: File G-13735

Dear Person:

I grant permission to Charles D. Wavra to cross my property to apply water to property connected with File G-13735.

Signed: Arnold L Schiedler
13278 Hook Rd
Mt Angel 97362
Ph 845-6994

Date: 10-19-96

Water Resources Department
158 12th Street NE
Salem, Oregon 97310-0210

Reference: File G-13735

Dear Person:

I grant permission to Charles D. Wavra to cross my property to apply water to property connected with File G-13735.

Signed:

Ute Van Hardt

899 E Kathy
Stayton OR 97383

Tel. 503 769-7350

Date: 10/21/96

Water Resources Department
158 12th Street NE
Salem, Oregon 97310-0210

Reference: File G-13735

Dear Person:

I grant permission to Charles D. Wavra to cross my property to apply water to property connected with File G-13735.

Signed:

13306 Dawn Rd
Mt Angel Or

845 2492

October 18, 1996

Charles D. Wavra
8167 Oak Lane
Mt. Angel, Or. 97362
Ph. 845-6185

Water Resources Dept.
158 12th Street N.E.
Salem, Or. 97310-0210

Reference: File G-13735

ATTN: Douglas Baer:

I would like a weeks extension on due date of letter dated Sept. 20, 1996 to Oct. 28th 1996 due to some information I have to gather.

Thank you for any consideration:

Sincerely,
Charles D. Wavra

Oregon

WATER
RESOURCES
DEPARTMENT

CERTIFIED MAIL
Return Receipt Requested

September 20, 1996

CHARLES D. WAVRA
8167 OAK LANE
MT. ANGEL, OREGON 97362

(503) 845-6185

Reference: File G-13735

Dear Applicant:

Thank you for your recent payment of permit recording fees. Your receipt, #6200 for $116.00 is enclosed. After examining the application file, it appears that some pertinent information is missing.

As stated in the Final Order dated June 8, 1996, a copy of the written authorization, easement or evidence of ownership of all lands involved in the proposed use is required prior to the issuance of a permit.

To allow us to process your application further, please submit a copy of written authorization, or easement or proof of ownership of all lands involved in the proposed use by October 21, 1996. If we do not receive the items requested above by this date, we will reject your application consistent with ORS 537.153. If you need further assistance please contact the Water Rights Section at the address listed below or phone (503)378-3739.

Sincerely,

DB

Douglas L. Baer
Senior Water Rights Technician

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Charles D. Wavra
8167 Oak Lane
Mt. Angel, OR 97362

G-13735

4a. Article Number
P 576 528

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
9-25-96

5. Received By: *(Print Name)*
Fred Wavra

6. Signature: *(Addressee or Agent)*
X Fred Wavra

8. Addressee's Address *(Only if requested and fee is paid)*

Thank you for using Return Receipt Service.

PS Form **3811**, December 1994 Domestic Return Receipt

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-13735

Final Order

Application History

On July 5, 1994, CHARLES D WAVRA submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on April 16, 1996. The protest period closed May 31, 1996, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

Order

Upon submission of written authorization or easement and payment of outstanding permit recording fees, Application G-13735 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of $116.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to submit written authorization or easement and pay the required permit recording fees within 60 days from the date of this Final Order will result in the proposed rejection of Application G-13735.

DATED ~~June~~ July 8, 1996

for Martha O. Pagel
Director

Appeal Rights

Under the provisions of ORS 183.484, the applicant may appeal this order by filing a petition for review in the Circuit Court for Marion County or the circuit court for the county in which the applicant resides or has a principal business office. The petition for review must be filed within 60 days after the date this order is served.

STATE OF OREGON

COUNTY OF MARION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

CHARLES D. WAVRA
8167 OAK LANE (503) 845-6185
MT. ANGEL, OREGON 97362

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-13735

SOURCE OF WATER: TWO WELLS IN PUDDING RIVER BASIN

PURPOSE OR USE: PRIMARY IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES

MAXIMUM RATE: A CUMULATIVE OF 0.21 CUBIC FOOT PER SECOND FROM BOTH WELLS

PERIOD OF USE: MARCH 1 THROUGH APRIL 30 FROM WELL 1, AND MARCH 1 THROUGH OCTOBER 31 FROM WELL 2

DATE OF PRIORITY: JULY 5, 1994

POINT OF DIVERSION LOCATION: SW 1/4 NE 1/4, NE 1/4 SE 1/4, SECTION 15, T6S, R1W, W.M.; WELL 1 - 1720 FEET NORTH AND 500 FEET WEST; WELL 2 - 3900 FEET NORTH AND 1750 FEET WEST; BOTH FROM THE SE CORNER OF SECTION 15

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	PRIMARY	SUPPLEMENTAL
NE 1/4 NE 1/4	5.0 ACRES	2.0 ACRES
SE 1/4 NE 1/4	0.8 ACRE	
SECTION 22		
NW 1/4 NW 1/4	4.0 ACRES	4.7 ACRES
SW 1/4 NW 1/4	0.7 ACRE	
SECTION 23		

TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.

Measurement, recording and reporting conditions:

A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area.

The use may be restricted if the quality of the source stream, namely the Pudding River, decreases to the point that it no longer meets state and federal water quality standards due to reduced flows.

WELL 1 - To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place
Initial and Annual Measurements
The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun
Seven Consecutive Annual Measurements
Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of 3 or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

WELL 2 - Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(A) An average water level decline of three or more feet per year for five consecutive years; or

(B) A total water level decline of fifteen or more feet; or

(C) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(A) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(B) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(C) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(D) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(E) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the wells shall begin within one year from permit issuance and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

{DATE}

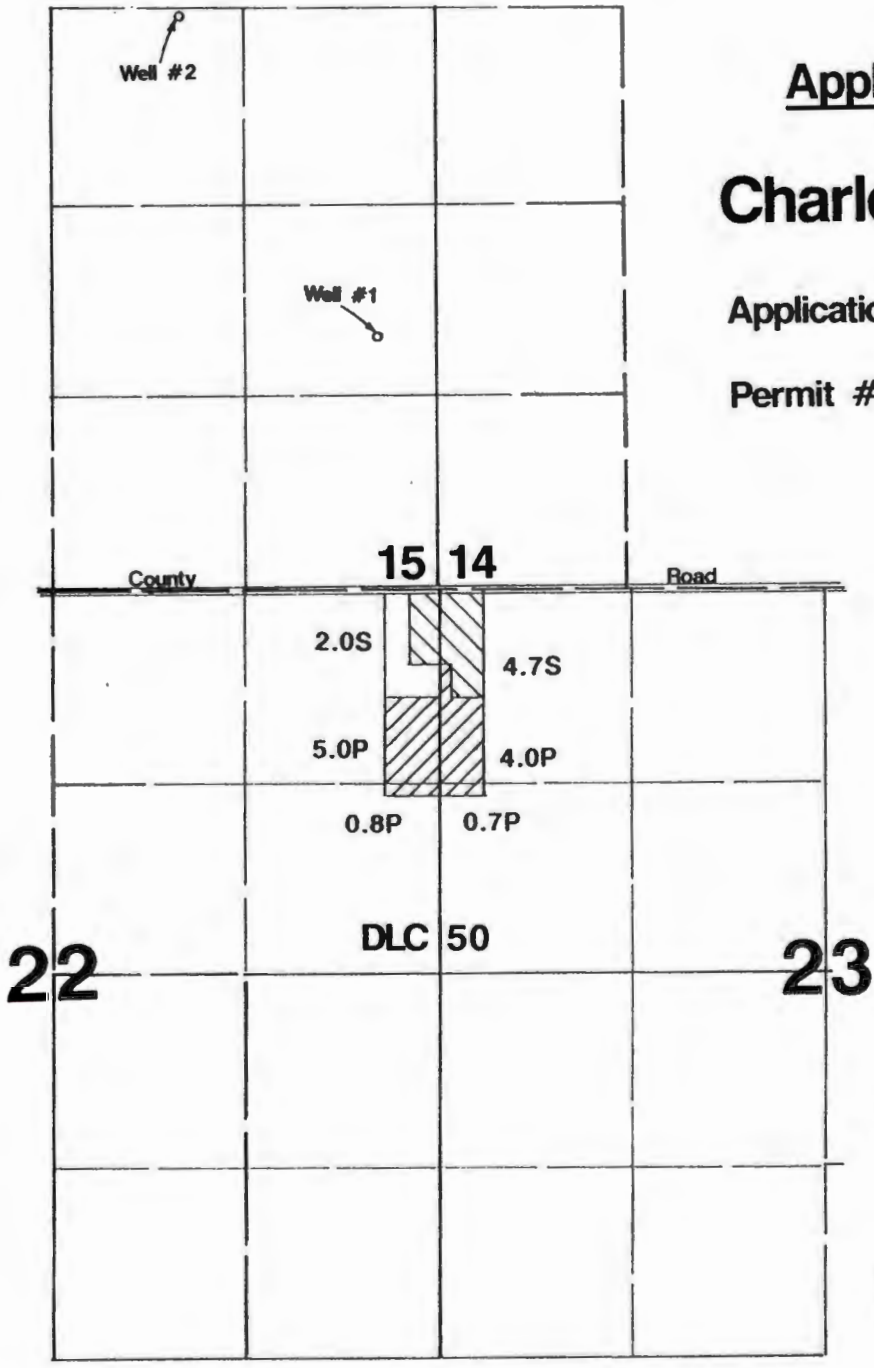
DRAFTS

_____

Martha O. Pagel, Director
Water Resources Department

T.6S., R.1W., W.M.

RECEIVED
JUL 15 1994
WATER RESOURCES DEPT.
SALEM, OREGON



Application Map

Charles D. Wavra

Application #: G-13735

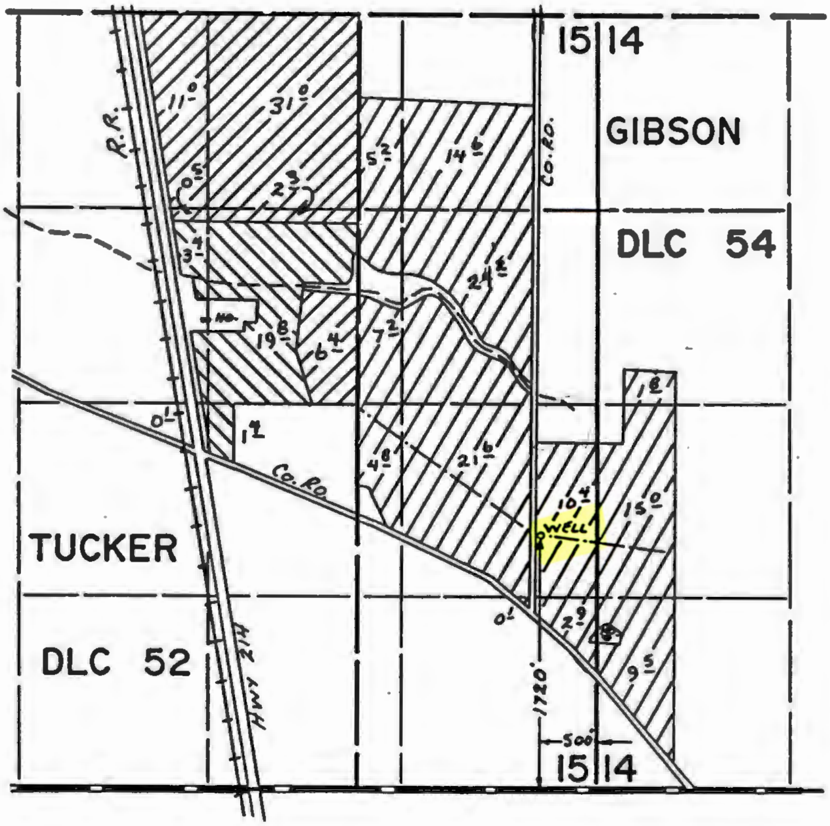
Permit #:

Well #1 located 1720'N & 500'W from SE corner Section 15.
Well #2 located 3900'N & 1750'W from SE corner Section 15.

Certified Water Right Examiner
#117
James M Schuette
Nov. 19, 1987
STATE OF OREGON

THIS MAP WAS PREPARED FOR THE PURPOSE OF IDENTIFYING THE LOCATION OF A WATER RIGHT ONLY AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATION OF PROPERTY OWNERSHIP LINES.

T.6S., R.1W., W.M.



FINAL PROOF SURVEY

UNDER

G-5446 {1.46 cfs IRRIG 117.3 ac} G-5362

Application No. G-7297 Permit No. G-6748 - PRIMARY - SUPP'L

Cert # ~~46996~~ 54870 → partial cancellation

IN NAME OF

CHARLES WAVRA

Surveyed Aug. 10 1976, by L. Toll

0.95 cfs, became

0.64 cfs IRRIG of 51.2 ac

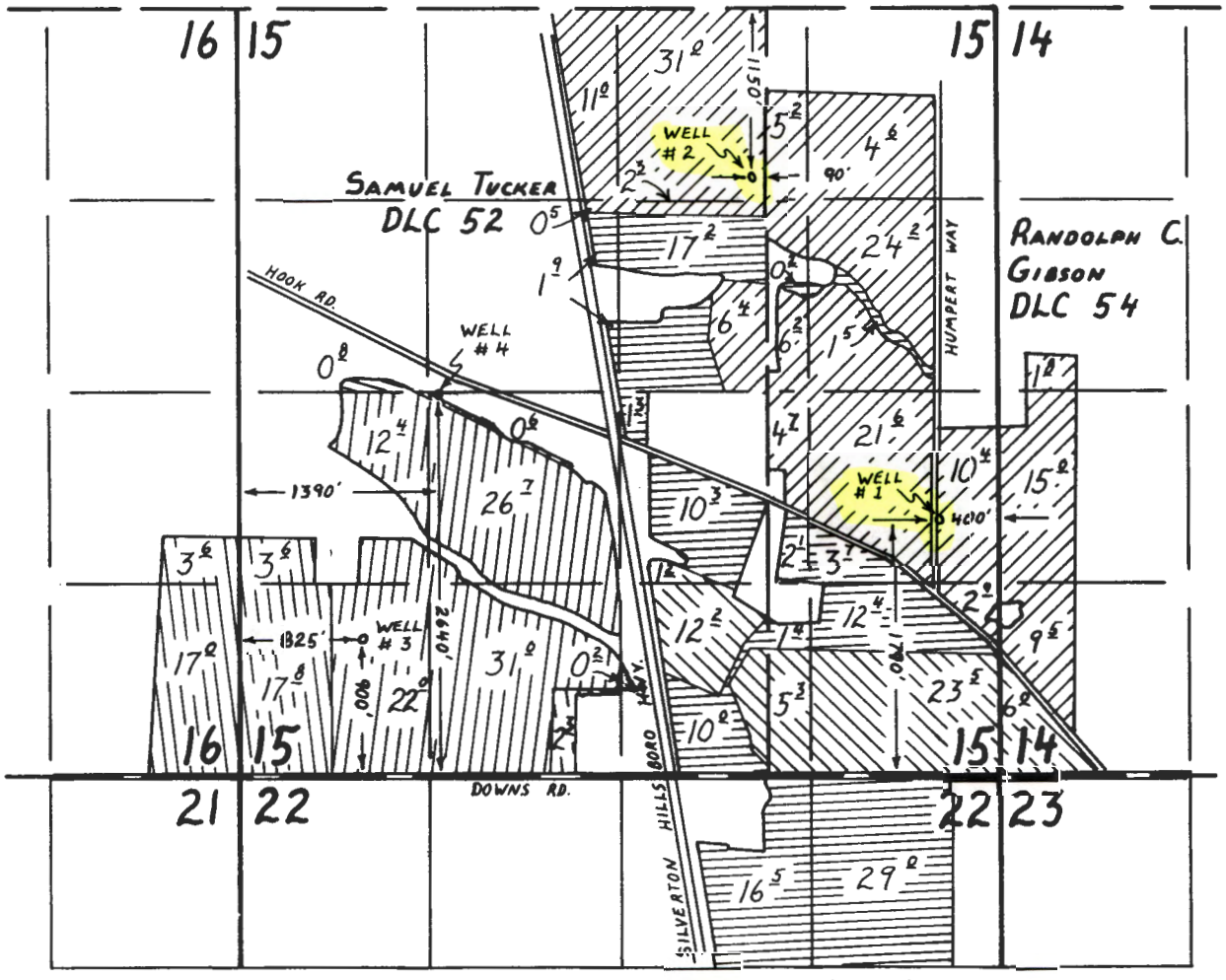
Supp IRRIG of 24.7 ac

0.31 cfs → cancelled

Same Well as Well #1, diff lands ∴ NCR

DEN-166-76

T. 6 S., R. 1 W., W.M.



PRIMARY WELL 3
SUPPLEMENTAL WELL 4

PRIMARY WELL 1 & 2

SUPPLEMENTAL WELL 4

SUPPLEMENTAL WELL 2

SUPPLEMENTAL WELL 3 & 4

SUPPLEMENTAL WELL 1 & 2

FINAL PROOF SURVEY

UNDER

Application No. G-11504 Permit No. G-10828

IN NAME OF

CHARLES WAVRA

Surveyed AUGUST 11, 1992, by R.W. Klassen

1" = 1320'

Same wells #1 & 2 but diff lands
∴ NCR

WAC 900R 93 RWK 1/93

No field notes received

PRELIMINARY
SUBJECT TO REVISION

STATE OF OREGON

COUNTY OF MARION

PROPOSED CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CHARLES WAVRA
8167 OAK LANE NE
MOUNT ANGEL, OREGON 97362

PRELIMINARY
SUBJECT TO REVISION

confirms the right to use the waters of 4 WELLS in the PUDDING RIVER BASIN for IRRIGATION OF 152.4 ACRES AND SUPPLEMENTAL IRRIGATION OF 298.6 ACRES.

This right was perfected under Permit G-10828. The date of priority is FEBRUARY 11, 1987. This right is limited to 5.64 CUBIC FEET PER SECOND, BEING WELL 1 - 1.34 CFS FOR PRIMARY USE AND 0.6 CFS FOR SUPPLEMENTAL USE BUT NOT TO EXCEED 1.8 CFS; WELL 2 - 1.34 CFS FOR PRIMARY USE AND 1.8 CFS FOR SUPPLEMENTAL USE BUT NOT TO EXCEED 1.8 CFS; WELL 3 - 0.31 CFS FOR PRIMARY USE AND 0.01 CFS FOR SUPPLEMENTAL USE BUT NOT TO EXCEED 0.31 CFS; WELL 4 - 1.73 CFS FOR SUPPLEMENTAL USE or its equivalent in case of rotation, measured at the well.

The wells are located as follows:

WELL 1 - NE 1/4 SE 1/4, AS PROJECTED WITHIN DLC 54, SECTION 15; BEING 1790 FEET NORTH AND 400 FEET WEST FROM THE SOUTHEAST CORNER SECTION 15; WELL 2 - NW 1/4 NE 1/4, AS PROJECTED WITHIN DLC 52, SECTION 15; BEING 1150 FEET SOUTH AND 90 FEET WEST NORTHEAST CORNER DLC 52; WELL 3 - SW 1/4 SW 1/4, AS PROJECTED WITHIN DLC 52, SECTION 15; BEING 900 FEET NORTH AND 825 FEET EAST FROM THE SOUTHWEST CORNER SECTION 15; WELL 4 - NE 1/4 SW 1/4, AS PROJECTED WITHIN DLC 52, SECTION 15; BEING 2640 FEET NORTH AND 1390 FEET WEST FROM THE SOUTHWEST CORNER SECTION 15, ALL IN TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.

The amount of water used for irrigation together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use to which this right is appurtenant is as follow.

	PRIMARY WELL 1 & 2	SUPPLEMENTAL WELL 2	SUPPLEMENTAL WELL 1 & 2
SW 1/4 NW 1/4		1.8 ACRES	
NW 1/4 SW 1/4		15.0 ACRES	
SW 1/4 SW 1/4		9.5 ACRES SECTION 14	6.0 ACRES
NE 1/4 NE 1/4		4.6 ACRES	
NW 1/4 NE 1/4		5.2 ACRES	
	ALL AS PROJECTED WITHIN DLC 54		
NW 1/4 NE 1/4		31.0 ACRES	
SW 1/4 NE 1/4	17.2 ACRES	8.7 ACRES	
	ALL AS PROJECTED WITHIN DLC 52		
SW 1/4 NE 1/4	0.2 ACRE	6.2 ACRES	
SE 1/4 NW 1/4	1.5 ACRES	24.2 ACRES	
	ALL AS PROJECTED WITHIN DLC 54		
NE 1/4 NW 1/4		11.0 ACRES	
SE 1/4 NW 1/4	1.9 ACRES	0.5 ACRE	
	ALL AS PROJECTED WITHIN DLC 52		

PRELIMINARY
SUBJECT TO REVISION

	PRIMARY WELL 1 & 2	SUPPLEMENTAL WELL 2	SUPPLEMENTAL WELL 1 & 2
NE 1/4 SE 1/4	3.7 ACRES	32.0 ACRES	
NW 1/4 SE 1/4	2.1 ACRES	4.7 ACRES	
	ALL AS PROJECTED WITHIN DLC 54		
NW 1/4 SE 1/4	11.6 ACRES		1.2 ACRE
SW 1/4 SE 1/4	10.0 ACRES		12.2 ACRES
	ALL AS PROJECTED WITHIN DLC 52		
SW 1/4 SE 1/4	1.4 ACRES		5.3 ACRES
SE 1/4 SE 1/4	12.4 ACRES	2.9 ACRES	23.5 ACRES
	ALL AS PROJECTED WITHIN DLC 54		
	SECTION 15		
NE 1/4 NE 1/4	29.0 ACRES		
NW 1/4 NE 1/4	16.5 ACRES		
	SECTION 22		

	PRIMARY WELL 3 & SUPP. WELL 4	SUPPLEMENTAL WELL 4	SUPPLEMENTAL WELL 3 & 4
SW 1/4 NW 1/4			0.8 ACRE
NE 1/4 SW 1/4	0.6 ACRE	26.7 ACRES	
NW 1/4 SW 1/4	3.6 ACRES	12.4 ACRES	
SW 1/4 SW 1/4	17.8 ACRES	22.0 ACRES	
SE 1/4 SW 1/4	2.3 ACRES	31.0 ACRES	
SW 1/4 SE 1/4		0.2 ACRE	
		SECTION 15	
NE 1/4 SE 1/4	3.6 ACRES		
SE 1/4 SE 1/4	17.0 ACRES		
	ALL AS PROJECTED WITHIN DLC 52		
	SECTION 16		

TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The user shall maintain a weir, meter or other suitable measuring device and shall keep a complete record of the amount of ground water withdrawn.

The use of water shall be limited when it interferes with the prior SURFACE AND GROUND WATER rights of others.

This right is limited to any deficiency in the available supply of any prior right existing for the same land.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

FIELD FORM

STATE OF OREGON

COUNTY OF MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

CHARLES WAVRA
8167 OAK LANE NE
MT ANGEL, OREGON 97362

503-845-6185

is hereby issued a permit to use the groundwaters from FOUR WELLS for IRRIGATION & SUPPLEMENTAL IRRIGATION OF 496.7 ACRES, BEING USE OF WATER FROM WELLS 1 & 2 FOR IRRIGATION OF 127.9 ACRES; USE OF WATER FROM WELLS 1 & 2 FOR SUPPLEMENTAL IRRIGATION OF 168.5 acres; use of water from Well 3 with deficiency from Well 4 for irrigation of 45.0 acres and use of water from Well 4 for supplemental irrigation of 107.1 acres. The permit to the use of these waters has been issued under Application G-11504 with a date of priority of FEBRUARY 11, 1987. The permit is limited to not more than 6.2 CUBIC FEET PER SECOND, BEING NOT TO EXCEED 2.155 CFS FROM WELL 1; 2.155 CFS FROM WELL 2; 0.56 CFS FROM WELL 3 & 1.90 CFS FROM WELL 4 or its equivalent in case of rotation, measured at the wells.

LOOK UP SURFACE H_2O RIGHTS FOR SAME ARDAS ESPECIALLY W OF RD OUT OF POND

The wells are located as follows:

well (1) NE 1/4 SE 1/4, Section 15, T 6 S, R 1 W, WM;
1720 FEET NORTH & 500 FEET WEST FROM SE CORNER, SECTION 15.

well (2) SW 1/4 NE 1/4, Section 15, T 6 S, R 1 W, WM;
3900 FEET NORTH & 1750 FEET WEST FROM SE CORNER, SECTION 15.

well (3) SW 1/4 SW 1/4, Section 15, T 6 S, R 1 W, WM;
900 FEET NORTH & 825 FEET EAST FROM SW CORNER, SECTION 15.

well (4) NE 1/4 SW 1/4, Section 15, T 6 S, R 1 W, WM;
2500 FEET NORTH & 1800 FEET EAST FROM SW CORNER, SECTION 15.

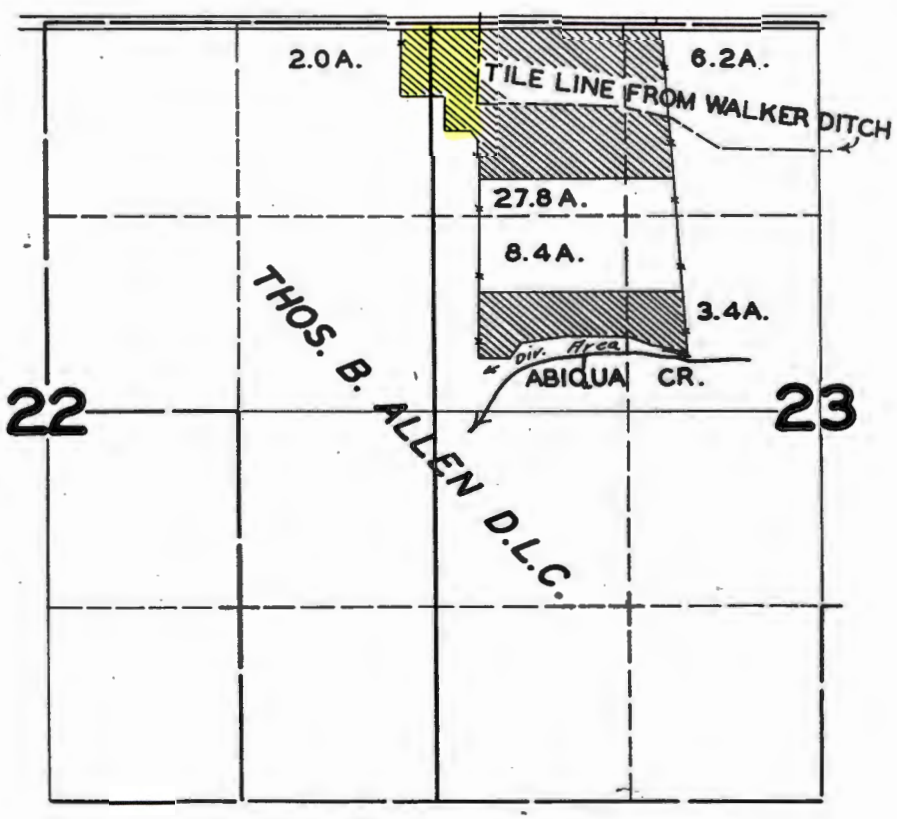
The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2.5 acre-feet per acre for each acre irrigated during the irrigation season of each year. The permit shall be limited to any deficiency in the available supply of any prior permit for the same land and shall not exceed the limitation allowed herein.

OAR 690 9-3

The permit shall be limited to appropriation of water only to the extent that it does not impair or substantially interfere with prior surface water rights as well as prior ground water rights of others.

UCR RIM 1/93

T.6S. R.1W.W.M.



0.60 cfs from Abiqua Cr.
for IRRIG of 55 acres
NC
Since → Appl G 13735 requests Suppl IRRIG for these lands

FINAL PROOF SURVEY
UNDER

Application No. 20338 Permit No. 15866

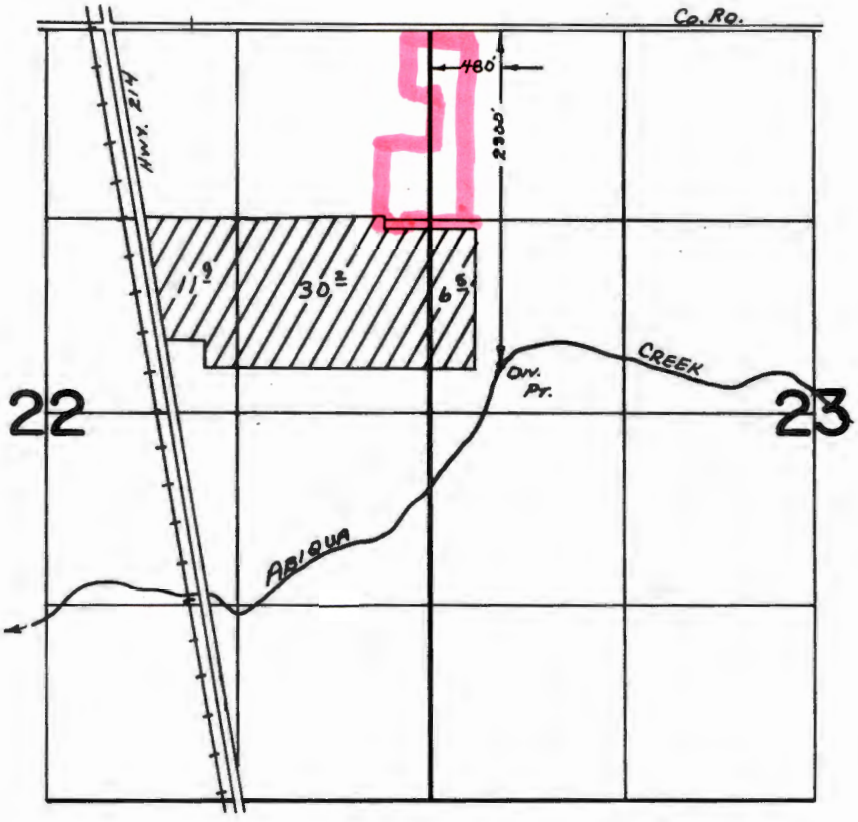
IN NAME OF

ALBERT DIEHL

Surveyed OCT. 3 1947, by JAS. E. BUNNELL

1947-F.

T.6S.,R.1W.,W.M.



0.7cfs from Abiqua Cr for IRRIG of 54.0 ac
NCR

FINAL PROOF SURVEY
UNDER

Application No. 52307 Permit No. 37531
IN NAME OF

CLYDE E. REED

Surveyed Aug. 10 1976, by L. Tate

DFN-344-178

FO CHECKLIST

PFO TO FO CONVERSION

FILE # G-13735

REVIEW DATE: 06/19/1996 18

WEEK # 38

INITIALS : ~~LLS~~ DD

In preparing the FO, you should check the following:

1. Y / (N) Were comments or protests received in response to the PFO?
2. ____ List names and addresses of **ALL** commentors (regardless of comment date) on the PFO CC list.
3. $116 Verify payment of recording fees (circle the appropriate option)
   (1) Issue FO w/permit if fees are paid -- Prepare refund request for excess fees
   (2) Issue FO w/o permit if fees are lacking
4. Y / (N) Is the file lacking a signed oath of accuracy for the application?
5. Y / N Has ODFW asked for self certification on screening condition?
6. Y / N Is water use prohibited for one or more months of the normal use period?
7. Y / N If #6 = "Y", is short season letter on file?
8. ____ Assign permit numbers to files with oath, fees, and no protests or other issues

17.2 AC
200
100 .10
16 2x8
316

Route to: (circle one)

DENIAL	FO w/o PERMIT	FO & PERMIT	COMMENTS
LARRY	CORY	JERRY OR JEREMY	DOUG

Thought send draft permit.

9. Y / N Is further processing possible? If not state reason: LACKING $116 & EASEMENT Send CERTIFIED LETTER
10. JW Notify applicant of additional information or fees required prior to permit issuance (Use standard wording from M:\T\FO\TOOLS if possible)

Modify FO as needed to:

11. JW Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)
12. ____ Include or exclude permit conditions and management codes
13. ____ Correct PFO errors (such as POD or POU location (verify from map), Permit format)

Once FO document is completed:

14. JW Save WordPerfect document in M:\T\FO\WEEK 41 & delete duplicates
15. ____ Print final draft of document and submit to team leader for review
16. Y / N Team leader review completed

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-13735

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Additional Information Required: Prior to the issuance of a permit, a copy of the written authorization or easement for access to lands you do not own is required.

Application History

On July 5, 1994, CHARLES D. WAVRA submitted an application to the Department for the following water use permit:

- Amount of Water: 97.00 GALLONS PER MINUTE (GPM) (0.21 CUBIC FOOT PER SECOND (CFS))
- Use of Water: PRIMARY IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES
- Source of Water: TWO WELLS IN PUDDING RIVER BASIN
- Area of Proposed Use: Marion County within SECTIONS 22 AND 23, TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.
- Water Delivery System: Both wells have 60 horsepower turbines with buried and above ground mainline with three inch handlines and sprinkler heads.

On JANUARY 25, 1996, the Department mailed the applicant notice of its Initial Review, determining that the USE OF A CUMULATIVE OF 0.21 CFS FOR IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES MAY BE ALLOWED FROM MARCH 1 THROUGH APRIL 30 FROM WELL 1, TRIBUTARY TO AN UNNAMED STREAM AND WALKER DITCH, BOTH TRIBUTARY TO THE PUDDING RIVER, AND FROM MARCH 1 THROUGH OCTOBER 31 FROM WELL 2. The applicant did not notify the Department to stop processing the application within 14 days of that date.

On FEBRUARY 13, 1996, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

Within 30 days of the Department's public notice, written comments were received from JMS Engineering on behalf of the applicant (2/6/96).

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- Additional Public Interest Standards for New Appropriations (OAR Chapter 690, Division 33)
- any comments received

Findings of Fact

The Willamette Basin Program allows the following uses: IRRIGATION

Senior water rights exist on TWO WELLS IN PUDDING RIVER BASIN or on downstream waters.

TWO WELLS IN PUDDING RIVER BASIN are not within or above a State Scenic Waterway.

Water is available for further appropriation (at an 80 percent exceedance probability) for the period MARCH 1 THROUGH APRIL 30 FROM WELL 1 AND MARCH 1 THROUGH OCTOBER 31 FROM WELL 2.

The Department finds that no more than A CUMULATIVE OF 0.21 CFS FROM BOTH WELLS would be necessary for the proposed use. The amount of water requested, A CUMULATIVE OF 0.21 CFS FROM BOTH WELLS, is allowable.

Notification has been received from the Department of Environmental Quality (DEQ) that the PUDDING RIVER is Water Quality Limited Stream for which Total Maximum Daily Loads have been established. The DEQ requests that no new water rights be issued for the period May 1 though October 31.

Water is not within a designated critical ground water area.

The Department has determined, based upon OAR 690-09, that the proposed groundwater use from Well 1 will have the potential for substantial interference with the nearest surface water source, namely WALKER DITCH AND PUDDING RIVER.

The Department has further determined, based upon OAR 690-09, that the proposed groundwater use from Well 2 will not have the potential for substantial interference with the nearest surface water source.

The Director **does not find**, based on a preponderance of evidence, that the proposed use of ground water will measurable reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

The Department has determined that the findings of the Initial Review remain valid.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Willamette Basin Plan.

No preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

The proposed use complies with rules of the Water Resources Commission.

The proposed use complies with the State Agency Agreement for land use.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

(a) One or more of the criteria for establishing the presumption are not satisfied; or

(b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:

  (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and

  (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by

a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED April 16, 1996

Dwight French for

Steven P. Applegate
Administrator
Water Rights and Adjudications Division

Protest Rights

Under the provisions of ORS 537.621(7), you have the right to submit a protest against this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the $200 protest fee required by ORS 536.050.

Your protest must be received in the Water Resources Department no later than **May 31, 1996.**

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues the director finds that there are significant disputes related to the proposed use of water, or

- the applicant requests a contested case hearing within 30 days after the close of the protest period.

BW

DRAFT This is not a permit!!! DRAFT

STATE OF OREGON

COUNTY OF MARION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

CHARLES D. WAVRA
8167 OAK LANE (503)845-6185
MT. ANGEL, OREGON 97362

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-13735

SOURCE OF WATER: TWO WELLS IN PUDDING RIVER BASIN

PURPOSE OR USE: PRIMARY IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES

MAXIMUM RATE: A CUMULATIVE OF 0.21 CUBIC FOOT PER SECOND (CFS) (97.0 GALLONS PER MINUTE) FROM BOTH WELLS

PERIOD OF USE: MARCH 1 THROUGH APRIL 30 FROM WELL 1 AND MARCH 1 THROUGH OCTOBER 31 FROM WELL 2

DATE OF PRIORITY: JULY 5, 1994

POINT OF DIVERSION LOCATION: SW 1/4 NE 1/4, NE 1/4 SE 1/4, SECTION 15, TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.; WELL 2 - 3900 FEET NORTH & 1750 FEET WEST; WELL 1 - 1720 FEET NORTH & 500 FEET WEST; BOTH FROM SOUTHEAST CORNER, SECTION 15

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	PRIMARY	SUPPLEMENTAL
NE 1/4 NE 1/4		2.0 ACRES
NE 1/4 NE 1/4	5.0 ACRES	
SE 1/4 NE 1/4	0.8 ACRE	
SECTION 22		

NW 1/4 NW 1/4 4.0 ACRES
NW 1/4 NW 1/4 4.7 ACRES
SW 1/4 NW 1/4 0.7 ACRE
SECTION 23
TOWNSHIP 6 SOUTH, RANGE 1 WEST, W.M.

Measurement, recording and reporting conditions:

A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area.

The use may be restricted if the quality of the source stream, namely the Pudding River, decreases to the point that it no longer meets state and federal water quality standards due to reduced flows.

WELL 1 - To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place
Initial and Annual Measurements
The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun
Seven Consecutive Annual Measurements
Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The

first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

WELL 2 - (1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(a) An average water level decline of three or more feet per year for five consecutive years; or

(b) A total water level decline of fifteen or more feet; or

(c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

(2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from permit issuance, and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

_____
Water Resources Department
Director

OWNERSHIP/EASEMENT FORM

G-13735

1. Do you own all property related to this application?

YES / (NO)
(circle your answer)

If you answered "NO," please submit the names and addresses of the legal owners of all property related to this application that you do not own.

2. If you answered "NO" to question #1 above, do you have written authorization or an easement permitting access to the lands you do not own?

YES / (NO) / NOT APPLICABLE (I answered "YES" to #1.)
(circle your answer)

I understand that if I do not own all property associated with this application, I may be required to submit a copy of my written authorization or easement for access before a permit can be issued.

SIGNATURE: Charles D Ware TITLE: Owner DATE: 12/29/95

Virgil Diehl
13306 Downs Rd. NE
mt. angel, or.
97362

KNOW ALL MEN BY THESE PRESENTS, That Irene Diehl, unmarried, hereinafter called the grantor, for the consideration hereinafter stated paid to the grantor by Virgil Diehl and Agnes Diehl, husband and wife, hereinafter called grantees, hereby grants, bargains, sells and conveys unto the said grantees, not as tenants in common but as tenants by the entirety with the right of survivorship, their heirs and assigns, all of the following described real property with the tenements, hereditaments and appurtenances thereunto belonging or in any wise appertaining, situated in the County of Marion, State of Oregon, to-wit:

Beginning at a stone in the Northeast corner of a tract of land conveyed to Anton Gilles by L. J. Adams on the 2nd day of August, 1909, which deed is recorded on Page 499, in Volume 107, of the Marion County, Oregon, records; thence South 40' West 21.142 chains to a stone; thence West 9.46 chains to an iron pipe; thence North 40' East 21.142 chains to an iron pipe; thence East along the North line of Sections 22 and 23, 9.46 chains to the point of beginning, situated in Sections 22 and 23 in Township 6 South of Range 1 West of the Willamette Meridian in Marion County, Oregon.
Subject to existing zoning regulations and existing easements of record and roadway.

ALL
4317
ALBERT DIEHL DECEASED
32-288
MISC.

TO HAVE AND TO HOLD the above described and granted premises unto the said grantees, their heirs and assigns, forever;

And the grantor above named hereby covenants to and with the above named grantees, their heirs and assigns, that grantor is lawfully seized in fee simple of the above granted premises, that the said premises are free from all encumbrances.

and that grantor will warrant and forever defend the above granted premises and every part and parcel thereof against the lawful claims and demands of all persons whomsoever, except as above stated.

The true and actual consideration for this transfer is $ 11,276.14

IN WITNESS WHEREOF, the grantor has executed this instrument on the 20th day of December, 1968

STATE OF OREGON, County of Marion) ss.
December 20, 1968

Personally appeared the above named Irene Diehl, unmarried, and acknowledged the foregoing instrument to be her voluntary act and deed.

Before me:
(OFFICIAL SEAL)
Notary Public for Oregon
My commission expires November 12, 1971

VOL. 658 PAGE 164

Rec'd Dec 23, 1968
651194

WARRANTY DEED
(SURVIVORSHIP)
Irene Diehl,
TO
Virgil Diehl, et ux.

BELL & BELL
ATTORNEYS AT LAW
311 N. Third Ave.
Stayton, Oregon 97383

DON'T USE THIS SPACE: RESERVED FOR RECORDING LABEL IN COUNTIES WHERE USED

STATE OF OREGON, County of) ss.
I certify that the within instrument was received for record on the day of , 19 , at o'clock M., and recorded in book on page or as file/reel number , Record of Deeds of said County.
Witness my hand and seal of County affixed.
Title.
By Deputy.

651194

THE HILL CITY ENTERPRISE PRINT

IR CHECKLIST

MARION CO. 2 wells

Application #: G 13735 Vol ___ Subbasin Molalla-Pudding

Basin: Willamette WAB: 0104112O POU-WAB 0104112I

Township 6S Range 1W Section 15 1/4 1/4 NESE(well 1) & SWNE(well 2)

POU: Sec 23 NWNW & SWNW
Sec 22 NENE & SENE

C 1. Items have been verified on Completeness Checklist. Need Easement
Need $116 Recording Fee

Y 2. Check file for indicators that the process **should not** continue until a later date (ie - protest, items (other than oath) missing from the completeness check, letter to file indicating hold, or other) Need written authorization - easem

X 3. A groundwater review has been evaluated for substantial interference with surface water (convert old gw conditions to the 7 series and add to the PFO, if necessary)

___a. Is the well located in a groundwater limited area? Y SWW eval

X b. (A) B C Well 1 - Walker Ditch & unnm trib to Pudding R - 7B & 7I

X b A (B) C Well 2 - 7B & 7I 0.21 cfs (97.0 gpm)
IRRIG of 17.2 acres (10.5 Primary, 6.7 Supple

N 4. Is the Proposed Use located in or above a Scenic Waterway?

Y 5. Is the proposed use located in a TMDL Basin? (Tualatin, Yamhill, Pudding) → Well #1

___6. Is the use allowed or limited by the Basin Program? Well 2 IRRIG Well 1 IRRIG OAR 690-502-160 (2) OAR(s) 690-502-120 (5) Nov 1 - Apr 30

N 7. Is the source withdrawn or limited? - State Engineer, Legislative (ORS 538), etc.

X 8. Basin Maps (metal cabinet) have been checked and River Mile (Walker Ditch > Pudding R (RM 4)
Unnamed trib > Pudding R (RM 4.3)) has been identified

X 9. Water Availability Data has been verified (50% < July 17, 1992 / 80% [50% storage] > July 17, 1992)
N/A for Well 2 ; Well 1 @ 80% - water avail. Nov 1 - May 31

X 10. Rate 1/80 Duty 3 GW Season March 1 - Oct 31

X 11. Use IRRIG Period of Allowed Use Well #1: Mar 1 - Apr 30.
Well #2: Mar 1 - Oct 31

X 12. Priority Date(s) 7/5/94

N/A 13. Is use from a B.O.R. project and if so, is a signed contract in the file? ___

X 14. Division 33 (Abv Bonn > July 17, 1992 & Blw Bonn > April 18, 1994 or June 3, 1994) Well #1 Water Quality

X 15. Plat cards have been checked and a copy of the map is attached showing the conflict with NCR

X 17. Land use approval OK'd needs approval county notified

X 19. conditions? (BOR, GW, etc.) 7B, 7C (well 1), 7I (well 2)

X 20. Watermaster District #: 16

X 21. Regional Office (NWR), NCR, ER, SCR, or SWR)

X 22. IR has been saved to m:\t\ir\sent\app # from m:\t\ir\work\app #

Well #1 - GW a → use surface water limitations, water avail, Div 33, TMDL
Well #2 - GW b → water avail. year-round

Name: Kerry Lefever Date: 1/23/96

PFO CHECKLIST

Application #: ___ _____

Basin: _____ WAB: _____

Township _____ Range _____ Section _____ 1/4 1/4 _____

✓ A1. Public Interest Screen Criteria

✓ 1. Is the file complete by the Completeness Checklist?

✓ 2. Fees or other shortcomings (items needed before a permit and/or FO can be issued) $116.00 due

✓ 3. Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other)

✓ 4. A groundwater review has been evaluated for substantial interference with surface water (convert old gw conditions to the 7 series and add to the PFO, if necessary)
- N a. Is second groundwater review necessary? (objection)
- Y b. Is HB 1033 review complete?

N 5. Is the source withdrawn or limited? - State Engineer, Legislative (ORS 538), etc.

N 6. Is the Proposed Use located in or above a Scenic Waterway?

Y 7. Is the proposed use located in a TMDL Basin? (Tualatin, Yamhill, Pudding)

~~N~~ 8. Is the use allowed or limited by the Basin Program?

N 9. If source is groundwater, is the well located in a groundwater limited area? (If applicable, include map with POD)

✓ 10. Water Availability Data has been verified (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)

✓ 11. Rate 1/80 Duty 3.0 Irrigation Season March 1 - Oct 31

✓ 12. Period of Allowed Use Well 1 - March 1 - April 30; Well 2 - March 1 - Oct 31

N 13. Is use from a B.O.R. project and if so, is a signed contract in the file?

✓ 14. Division 33 has been addressed - if applicable (Above Bonn after July 17, 1992 & Below Bonn after April 8, 1994 or June 3, 1994)

✓ 15. Have conflicts been identified, verified and/or addressed?

✓ 16. Is the use Small (≤0.1cfs, ≤9.2AF), Medium (>0.1 or <1.5cfs, >9.2 or <100AF) or Large (≥1.5 cfs, ≥100 AF)? GW condition requires Large

✓ 17. Check TR/IR for permit conditions not included in the Draft Permit attached to the PFO

✓ 18. Fill out Accuracy Checklist

✓ 19. Spell Check

✓ 20. Documents used in determination are attached and highlighted

✓ 21. Fill out PFO CC List (a.k.a. the Check-Off Sheet) - don't forget to check for other property owners.
- ✓ a. Does Ken Stahr need to be on the CC list (Rate, Duty and Period of Allowed Use changes)

✓ 22. Final PFO report hard copy check (format, margins, etc.)

✓ 23. Final PFO has been saved to m:\t\pfo\done\week#\application #

Name: Bernadette Date: 4/9/96 BW

file

Oregon

WATER
RESOURCES
DEPARTMENT

January 25, 1996

CHARLES D WAVRA
8167 OAK LANE
MT ANGEL, OREGON 97362

Reference: File G-13735

Dear Applicant:

THIS IS NOT A PERMIT AND IS SUBJECT TO CHANGE AT NEXT PHASE OF PROCESS

This letter is to inform you of the potential limitations to your proposed use of water and to describe some of your options. Based on the information you have supplied, the Water Resources Department has reached the following conclusions:

Initial Review Determinations:

1. Your application is complete and not defective.

2. The proposed use is not prohibited by law or rule.

3. Based on a groundwater review, the Department has determined that **Well #1** has the potential for substantial interference with an unnamed tributary of the Pudding River and the Walker Ditch, tributary of the Pudding River. Therefore, rules and laws applying to surface water will affect the proposed use for groundwater from this well for this application.

4. Based on a groundwater review, the Department has determined that **Well #2** will **not** have the potential for substantial interference with surface water.

5. The use of water from **Well #1** (Pudding River and its tributaries) for IRRIGATION **is limited** to March 1 through April 30 (OAR 690-502-120 (5) and OAR 690-502-040 (6)) under OAR 502, the Willamette Basin Program.

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

6. The use of water from **Well #2** for IRRIGATION **is limited** to March 1 through October 31 (OAR 690-502-160 (2) and OAR 690-502-040 (6)) under OAR 502, the Willamette Basin Program.

7. The use of 0.21 cubic feet per second (cfs), or 97.0 gallons per minute (gpm), for IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES from Well #1 **is not available** June 1 through October 31. However, it is **available** from Well #2 year-round.

8. The Pudding River Drainage Basin has been identified as water quality limited by the Department of Environmental Quality, therefore use of water **from Well #1 is not allowed** May 1 through October 31.

Summary of Initial Determinations

The use of a cumulative of 0.21 cfs for IRRIGATION OF 10.5 ACRES AND SUPPLEMENTAL IRRIGATION OF 6.7 ACRES may be allowed from March 1 through April 30 from Well #1, tributary to an unnamed stream and Walker Ditch, both tributary to the Pudding River, and from March 1 through October 31 from Well #2.

Because of the Departments determination, your application can be moved to the next phase of the water rights application review process. However, due to **#3, 5, 6, 7, and 8** above your application will likely be limited as summarized above.

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period, will be evaluated at the next phase of the process.

At this time, you must decide whether to proceed or to withdraw your application as described below.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a $50 processing charge per application.) To accomplish this you must notify the Department in writing by **February 8, 1996**. For your convenience you may use the enclosed "STOP PROCESSING" form.

To Proceed With Your Application:

If you choose to proceed with your application, you do not have to notify the Department. Your application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a proposed final order.

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. You may be required to measure the amount of water used and report that use annually.

2. You will be required to comply with state and federal water quality standards.

3. The priority date for this application is July 5, 1994.

4. If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

5. **Well #1** - To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of (Generally March). Reports shall be submitted to the Department within 30 days of measurement.

   Measurements must be made according to the following schedule:

   Before Use of Water Takes Place
   Initial and Annual Measurements
   The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

6. **Well #2** - (1) Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays:

(a) An average water level decline of three or more feet per year for five consecutive years; or

(b) A total water level decline of fifteen or more feet; or

(c) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

(2) The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year.

(3) The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(a) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(b) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(c) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(d) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(e) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited in section (1) are evidenced by the well measurement required in section (3).

If you have any questions:

Feel free to call me at (503) 378-8455 ext. 455 or 1 (800) 624-3199 if you have any questions. Please have your application number available if you call.

Sincerely,

Kerry Lefever

Kerry Lefever
Water Rights Specialist

cc: Regional Manager, Watermaster, Water Availability Section

enclosures: Flow Chart of Water Right Process
Stop Processing Form

wab 502-01041120
pou 502-01041121
gw a (Well #1)
gw b (Well #2)

Oregon

WATER
RESOURCES
DEPARTMENT

December 21, 1995

CHARLES D WAVRA
8167 OAK LANE
MT ANGEL OREGON 97362

RE: Application File # G-13735

Dear Mr Wavra,

The Water Resources Department is currently reviewing your application for water use. Preliminary review indicates the following items were not included with your application:

- Your application indicates you may not own all lands crossed by your proposed water works. Please complete and return the enclosed OWNERSHIP/EASEMENT FORM.
- A legal (metes and bounds) description of the property where water is to be used, such as that found on your deed or title insurance contract.
- Well log for well number 2.

In order to expedite the processing of your application, we request that you submit these items by **JANUARY 8, 1996**. I have enclosed a stamped envelope for your use.

Should you have any questions regarding your application or the required materials listed above, please call me personally at 1-800-624-3199 extension 458.

Sincerely,

Jerry Gainey
Completeness Team

Enclosures

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

Application No. G-13735

State of Oregon
WATER RESOURCES DEPARTMENT

Application for a Permit to Appropriate Groundwater

Applicant(s) CHARLES D. WAURA
(Please print or type - use dark ink)

Mailing Address: 8167 OAK LANE
Mt ANGEL (City) OREGON (State) 97362 (Zip) 845-6185 (Daytime Phone No.)

I (We) make application for a permit to appropriate the following described ground waters of the State of Oregon:

1. ***THE DEVELOPMENT*** *(number of wells, tile lines, infiltration galleries, etc.):* TWO WELLS

If development is less than one mile from a natural stream, give the following:

Distance from development to stream: _____

Elevation difference between streambed and development: _____

NOTE: Wells must be constructed according to standards set by the department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well driller's log with this application, and skip to Section 2 below.

(SEE ATTACHED WELL LOGS)

Diameter of well: _____ *Depth in feet:* _____

Type and size of well casing: _____ *No. of feet:* _____

Estimated depth to water: _____

Type of access port or measuring device: _____

Wells to be drilled by: _____

Address: _____

If the water well is flowing artesian, describe your water control and conservation works: _____

2. ***TOTAL AMOUNT OF WATER*** *to be applied to beneficial use:* 0.21 *cubic feet per second,* ***OR*** 97.0 *gallons per minute. If water is to be used from more than one groundwater source, give the quantity of water from each:* _____

3. ***INTENDED USE(s) OF WATER:*** Irrigation

If for more than one use, give the quantity of water from each source for each use; _____

*If for **DOMESTIC** use, state the number of households to be supplied;* _____

*If for **MUNICIPAL OR QUASI-MUNICIPAL** use, state the present population to be served, and an estimate of the future requirements; (List population projections, water needs, anticipated areas to be provided water.)*

*If for **MINING** use, state the nature (gold, silver, etc.) of the mines to be served;* _____

*If for **IRRIGATION,** or other land area use, state the TOTAL number of acres to be developed under each use;*

Irrigation 17.2 ACRES

Other (describe) _____

4. ***DESCRIPTION OF WATER DELIVERY SYSTEM:*** *Include dimensions and type of construction of diversion works, length and dimensions of supply ditches or pipelines, size and type of pump and motor. If for irrigation, describe the type of system (i.e., flood, wheel line, hand line, drip, other).*

Well #1: 60 hp turbine > Buried & Above grd mainline
Well #2: 60 hp turbine w/3" handlines & Sprinkler heads

5. ***PROJECT SCHEDULE:*** *(List month and year)*

Proposed date construction work will begin Started

Proposed date construction work will be completed Oct 1, 1995

Proposed date water use will be completed Oct 1, 1996

NOTE: Prior to the issuance of a permit it will be necessary to submit a map prepared by a Certified Water Right Examiner (CWRE) and a complete legal description of the property on which the water is to be used. The legal description may be copied from your deed, title insurance policy, or land sales contract.

6. a) *In the event any deficiencies are noted involving the application map enclosed herein, please return the map with instructions for correction to (check one):*

_____ *Applicant* __X__ *CWRE* _____ *Other (Identify in REMARKS section)*

b) *In the event any deficiencies are noted involving the application, please return the application with instructions for correction to (check one):*

__X__ *Applicant* _____ *CWRE* _____ *Other (Identify in REMARKS section)*

7. *Are all lands involved (including the proposed diversion site, place of use, and access for conveying the water) under your ownership?* No *. If not, list in the REMARKS section below, or on an attached sheet, the names and mailing addresses of the legal owners of all property involved in the proposed development.*

NOTE: Prior to receiving a certificate of water right, the permit holder must submit to the Water Resources Department the results of a pump test meeting the department's standards. The Director will require water level or pump test results every ten years thereafter.

REMARKS: Virgil Diehl - Mt Angel, Oregon
13306 Downs Rd, NE
Mt. Angel 97362

I/We certify that the information I have provided in this application is an accurate representation of the proposed water use and is true and correct to the best of my knowledge:

Charles D. Wanta — *Signature* — 7/5/94 — *Date*

_____ — *Signature* — _____ — *Date*

FOR WATER RESOURCES DEPARTMENT USE ONLY

Dear Applicant:

I certify that I have examined the foregoing application, together with the accompanying information, and am returning it to you for:

_____

_____

In order to retain its tentative priority, this application must be returned with the requested corrections or additions on or before:

_____ , 19____.

WITNESS my hand this _____ day of _____, 19____.

_____

Water Resources Director

*By:*_____

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 5th day of July, 1994, at 4:00 o'clock, P M.

APPLICATION NO: G-13735

A:APPFORM 1/94

natural flows of the Middle Fork Santiam River or its tributaries below 110 cubic feet per second plus waters released from storage of up to 260 cubic feet per second measured at the aforementioned gage;

(b) The South Santiam River or its tributaries above USGS — Corps of Engineers — State Engineer Gage 14187500 (SW 1/4 NW1/4 Section 28, Township 12 South, Range 1 West) at Waterloo, Oregon, for natural flows of the South Santiam River below 170 cubic feet per second plus waters released from storage of up to 930 cubic feet per second measured at the aforementioned gage;

(c) The North Santiam River or its tributaries above USGS Gage 14181500 (NE 1/4 NE 1/4 Section 34, Township 9 South, Range 4 East) at Niagara, Oregon, for natural flows of the North Santiam River below 500 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(d) The North Santiam River or its tributaries above USGSGage 14183000 (NW 1/4 Section 18, Township 9 South, Range 2 East) at Mehama, Oregon, for natural flows of the North Santiam River below 580 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(e) The North Santiam River or its tributaries above USGS Gage 14184100 (Section 7, Township 10 South, Range 2 West) near Jefferson, Oregon, for natural flows of the North Santiam River below 430 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(f) The Santiam River or its tributaries above USGSGage 14189000 (SE 1/4 Section 11, Township 10 South, Range 3 West) at Jefferson, Oregon, for natural flows of the Santiam River below 330 cubic feet per second plus waters released from storage of up to 1,570 cubic feet per second measured at the aforementioned gage;

(g) The Santiam River or its tributaries above the Santiam River — Willamette River confluence for natural flows of the Santiam River below 320 cubic feet per second plus waters released from storage of up to 1,570 cubic feet per second measured at a point between the said confluence and 1.0 miles above said confluence;

(h)The Calapooia River or its tributaries above USGSGage 14172000 (SE1/4 Section 15, Township 14 South, Range 1 West) at Holley, Oregon, for natural flows of the Calapooia River below 30 cubic feet per second plus waters released from storage or up to 340 cubic feet per second measured at the aforementioned gage;

(i) The Calapooia River or its tributaries above USGS Gage 14173500 (NW 1/4 Section 13, Township 11 South, Range 4 West) at Albany, Oregon, for natural flows of the Calapooia River below 20 cubic feet per second plus waters released from storage of up to 340 cubic feet per second measured at the aforementioned gage.

[ED. NOTE: Table 1 referenced in this rule is not printed in the OAR Compilation.Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

Molalla River — Pudding River Subbasin Well #1

690-502-120 The Molalla — Pudding Subbasin includes the drainage area of the Molalla and Pudding Rivers upstream from the confluence with the Willamette River near Canby. Surface water classification:

(1) The following streams and tributaries are withdrawn from further appropriation except storage:

(a) Butte Creek tributary to Pudding River;
(b) Abiqua Creek tributary to Pudding River.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

Tualatin River Subbasin

690-502-130 The Tualatin subbasin includes the drainage area of the Tualatin River upstream from the confluence with the Willamette River near West Linn:

(1) Surface water classification:

(a) The following streams and tributaries are withdrawn from further appropriation except for storage, unless otherwise indicated, by order of the State Engineer on the specified dates:

(A) Unnamed stream flowing through Sections 10, 15, and 21, Township 1 South, Range 3 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 13, 1951;

(B) Unnamed stream flowing through Sections 32, 33, 34 and 35, Township 1 North, Range 3 West, Willamette Meridian, tributary to Dairy Creek, by order dated July 25, 1951;

(C) Unnamed stream, known locally as Burris Creek, flowing through northeast part of Township 2 South, Range 3 West, Willamette Meridian, and Sections 5 and 6, Township 2 South, Range 2 West, Willamette Meridian, tributary to the Tualatin River, by order dated July 25, 1951;

(D) Unnamed stream flowing in the south part of Township 1 South, Range 2 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 4, 1950;

(E) Unnamed stream flowing through Sections 19, 29, 30, 31 and 32, Township 1 South, Range 3 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 8, 1950;

(F) Clear Creek and Iler Creek west of the north-south line between Township 1 North, Ranges 4 and 5 West, being tributaries to Gales Creek for the exclusive use of the City of Forest Grove under permit 12034, by order dated March 2, 1936;

(G) Unnamed branch of Clear Creek within Sections 18, 19, 29 and 30, Township 1 North, Range 4 West, Willamette Meridian, for the exclusive of the City of Forest Grove under permit 13944 by order dated October 19, 1939.

(b) Except as specified in subsections (a) and (c) of this section, the Tualatin River and tributaries are classified for domestic, livestock, municipal, irrigation, industrial, agricultural, commercial, power in conjunction with storage, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock, wetland enhancement and public instream uses from May 1 through October 31;

(c) The following streams and tributaries are classified year-round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses:

(A) McFee Creek tributary to Tualatin River;
(B)Gales Creek tributary to Tualatin River;
(C) East Fork of Dairy Creek tributary to Dairy Creek;
(D) McKay Creek tributary to Dairy Creek;
(E) Scoggins Creek tributary to Tualatin River.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for

fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(3) Multnomah Channel and drainage waters originating within drainage districts are classified for domestic, livestock, municipal, industrial, irrigation, commercial, agricultural, mining, power, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(4) Except as specified in subsections (1)(a), (b) and (c) of this rule, all stream systems in the Columbia Subbasin and Columbia Slough are classified year-round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses.

Stat. Auth.: ORS 536.300 & 536.340
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

Groundwater Classifications and Conditions Well # 2

690-502-160 (1) Use of groundwater from the basalt aquifer within the Cooper-Bull Mountain Critical Groundwater Area shall be as described in the State Engineer's order designating the Cooper-Bull Mountain Critical Groundwater Area dated May 17, 1974.

(2) Groundwater Classification: The ground-water resources of the Willamette Basin are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and statutorily exempt groundwater uses with the following exceptions:

(a) Groundwater from the *shallow* Troutdale aquifer and the specially designated portion of the *deep* Troutdale aquifer in the Sandy-Boring area is classified for exempt uses only. The Sandy-Boring Groundwater Limited Area is as described and shown in **Exhibit 1.** Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed and shall contain the Special Permit Conditions specified in section (4) of this rule. Applications may be rejected if the aquifer displays any of the adverse impacts defined in OAR 690-08. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications;

(b) Groundwater from the basalt aquifers in the Damascus, Gladtidings, Kingston, Mt. Angel, Parrett Mountain, and Stayton-Sublimity areas, and the Troutdale aquifer in the Damascus area is classified for exempt uses only:

(A) The Damascus Groundwater Limited Area is as described and shown in **Exhibit 2.** The Gladtidings Groundwater Limited Area is as described and shown in **Exhibit 3.** The Kingston Groundwater Limited Area is as described and shown in **Exhibit 4.** The Mt. Angel Groundwater Limited Area is as described and shown in **Exhibit 5.** The Parrett Mountain Groundwater Limited Area is as described and shown in **Exhibit 9.** The Stayton-Sublimity Groundwater Limited Area is as described and shown in **Exhibit 7;**

(B) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in section (3) of this rule. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR 690-08. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water

Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply.

(c)(A) Except as provided in paragraph (B) of this subsection, groundwater from the basalt aquifers in the Sherwood-Dammasch-Wilsonville Groundwater Limited Area as described and shown in **Exhibit 6** is classified for exempt uses only;

(B) Groundwater applications G-12155 (City of Sherwood) and G-13353 (Manke Lumber Co.) shall be processed according to the classifications in effect on the date the application was filed. Permits shall contain the Special Permit Conditions specified in Section (3) of this rule.

(d) Groundwater in the basalt aquifers in the Chehalem Mountain, Eola Hills and South Salem Hills Groundwater Limited Areas is classified for exempt uses, irrigation and rural residential fire protection systems only. Permits may be issued, for a period not to exceed five years, for fire protection and for drip or equally efficient irrigation provided the Director finds the proposed use and amount do not pose a threat to the groundwater resource or existing permit holders. The amount of water used for irrigation shall be further limited to one acre-foot per acre per year. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR 690-08:

(A) The Chehalem Mountain Groundwater Limited Area is as described and shown in **Exhibit 8**. The Eola Hills Groundwater Limited Area is as described and shown in **Exhibit 10**. The South Salem Hills Groundwater Limited Area is as described and shown in **Exhibit 11**;

(B) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in section (3) of this rule. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply;

(e) Groundwater — Surface water hydraulic connection: These rules are in addition to the requirements of OAR 690-09. Groundwater in unconfined alluvium within 1/4 mile of the banks of a stream or surface water source is presumed to be in hydraulic connection with the surface water source, unless the applicant or appropriator provides satisfactory information or demonstration to the contrary. This hydraulically connected groundwater shall be classified the same as the surface source. This section shall not apply to those groundwater uses exempted by ORS 537.545. Notwithstanding such classification, permits may be issued for the use of water from a well in an unconfined aquifer that is hydraulically connected to groundwater, within a quarter mile of a stream, provided that surface water impacts are mitigated through storage releases.

(3) Special Columbia River Basalt Group Aquifer Permit Conditions: New permits issued to appropriate groundwater from Columbia River Basalt Group aquifers shall be specially conditioned. The conditions shall specify:

(a) A static water level measurement be made and submitted before any use of water may commence at the well;

(b) The permittee/appropriator install a meter or other suitable measuring device approved by the Director and submit an annual report of water used to the Department;

(c) Limits on acceptable amounts of depletion and interference with other users;

(10) Protect and encourage use of water which sustains economic development.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

General Provisions

690-502-040 (1) Water availability: The classifications in OAR 690-502-050 through 690-502-150 limit access to natural streamflow during periods when remaining available supplies are insufficient to meet existing water rights and public instream uses 80 percent of the time. When improved water availability data show that there is insufficient natural flow to support a classification, any permit issued shall further restrict or condition the time of use to when water is available.

(2) Limited licenses: The uses of surface water for which limited licenses may be issued are prescribed in ORS 537.143(1). Applications for limited licenses may be accepted in the Willamette Basin unless expressly prohibited by statute, order of the State Engineer or the Commission, or by the classifications in OAR 690-502-050 through 690-502-150.

(3) Surface water applications: Applications to use surface water filed after April 18, 1991, shall be processed under the classifications established in OAR 690-502-050 through 690-502-150. Applica-tions filed on or before April 18, 1991, shall be processed under the classification in effect at the time of the application.

(4) Storage:

(a) Unless expressly prohibited by statute, order or administrative rule, the surface waters of the Willamette River and tributaries are classified for storage from November 1 to June 30. A storage permit may be issued for a shorter time period and/or conditioned based on water availability or compatibility with other uses and needs;

(b) Secondary applications to maintain reservoir levels throughout the year may be processed if the proposed use is consistent with the classification;

(c) Water legally stored may be released or used at any time for any beneficial purpose, such as domestic, livestock, irrigation (during the irrigation season as specified in section (6) of this rule), agricultural, commercial, municipal, industrial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement, public instream uses and uses allowed under a limited license.

(5) Groundwater recharge: Use of surface water to recharge groundwater shall be subject to the same limitations and season as specified in section (4) of this rule. Use of groundwater from one aquifer to recharge another shall be allowed only if consistent with the classification of the providing aquifer as specified in OAR 690-502-160.

(6) Expanded irrigation season: Unless expressly limited by statute, court decree, order, administrative rule (including classification, except for use of stored water), water availability or any other permit condition, an irrigation season of March 1 to October 31 shall apply to future permits for primary and supplemental irrigation.

(7) Conservation: The Department shall require that special conservation and water use efficiency conditions be employed when permitting the use of water from the Columbia River Basalt Group, low-yield aquifers and water quality limited streams.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

Well # 1

WATER AVAILABILITY TABLE

Basin: WILLAMETTE
Water Availability Subbasin: 0104112000000000 (and Nested Subbasins)
Time: 08:24
Exceedance Level: 80
Date: 01/23/1996

Item #	W.A. Subbasin	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
1	0100000000000000	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
2	0104000000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES
3	0104100000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES
4	0104110000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES
5	0104112000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES

STREAM NAMES

Basin: WILLAMETTE
Water Availability Subbasin: 0104112000000000 (and Nested Subbasins)
Time: 08:24
Date: 01/23/1996

WAB #	Stream Name	Tributary to
0100000000000000	WILLAMETTE R	COLUMBIA R
0104000000000000	MOLALLA R	WILLAMETTE R
0104100000000000	PUDDING R	MOLALLA R
0104110000000000	PUDDING R	MOLALLA R
0104112000000000	PUDDING R	MOLALLA R

LIMITING WATER AVAILABILITY SUBBASINS

Water Availability Subbasin: 0104112000000000
Basin: WILLAMETTE
Exceedance Level: 80
Time: 08:24
Date: 01/23/1996

Month	Limiting Subbasin	Stream Name	Water Available?	Net Water Available
1	0104112000000000	PUDDING R	YES	579.0
2	0104112000000000	PUDDING R	YES	624.0
3	0104112000000000	PUDDING R	YES	573.0
4	0104112000000000	PUDDING R	YES	435.0
5	0104112000000000	PUDDING R	YES	212.0
6	0104000000000000	MOLALLA R	NO	-162.0
7	0104000000000000	MOLALLA R	NO	-153.0
8	0104000000000000	MOLALLA R	NO	-90.4
9	0104000000000000	MOLALLA R	NO	-75.2
10	0104000000000000	MOLALLA R	NO	-278.0
11	0104000000000000	MOLALLA R	YES	119.0
12	0104112000000000	PUDDING R	YES	583.0
Stor	0104112000000000	PUDDING R	YES	359000.0

NO WATER June 1 – Oct 31
Due to Negative Flows: July & Aug
Due to ISWR: June – Oct.
↳ exempts HC, LV

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: WILLAMETTE R > COLUMBIA R
Water Availability Subbasin: 010000000000000
Exceedance Level: 80
Time: 08:25 Date: 01/23/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	28800.00	500.00	28300.00	270.00	28000.00	1500.00	26500.00
2	31100.00	3500.00	27600.00	272.00	27300.00	1500.00	25800.00
3	29300.00	4600.00	24700.00	267.00	24400.00	1500.00	22900.00
4	26100.00	4400.00	21700.00	268.00	21400.00	1500.00	19900.00
5	21200.00	2200.00	19000.00	279.00	18700.00	1500.00	17200.00
6	10900.00	1260.00	9640.00	391.00	9250.00	1500.00	7750.00
7	6300.00	1640.00	4660.00	353.00	4310.00	1500.00	2810.00
8	4940.00	1460.00	3480.00	322.00	3160.00	1500.00	1660.00
9	5030.00	1090.00	3940.00	315.00	3630.00	1500.00	2130.00
10	6030.00	360.00	5670.00	207.00	5460.00	1500.00	3960.00
11	12800.00	400.00	12400.00	254.00	12100.00	1500.00	10600.00
12	25800.00	400.00	25400.00	270.00	25100.00	1500.00	23600.00
Stor	19900000	1960000	18000000	208000	17800000	1080000	16700000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: WILLAMETTE R > COLUMBIA R
Water Availability Subbasin: 0100000000000000
Time: 08:25 Date: 01/23/1996

	ISWRs					
APP # :	181A	0	0	0	0	RESULTANT
STATUS:	Cert.					
1	1500.0	0.0	0.0	0.0	0.0	1500.0 C
2	1500.0	0.0	0.0	0.0	0.0	1500.0 C
3	1500.0	0.0	0.0	0.0	0.0	1500.0 C
4	1500.0	0.0	0.0	0.0	0.0	1500.0 C
5	1500.0	0.0	0.0	0.0	0.0	1500.0 C
6	1500.0	0.0	0.0	0.0	0.0	1500.0 C
7	1500.0	0.0	0.0	0.0	0.0	1500.0 C
8	1500.0	0.0	0.0	0.0	0.0	1500.0 C
9	1500.0	0.0	0.0	0.0	0.0	1500.0 C
10	1500.0	0.0	0.0	0.0	0.0	1500.0 C
11	1500.0	0.0	0.0	0.0	0.0	1500.0 C
12	1500.0	0.0	0.0	0.0	0.0	1500.0 C

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: MOLALLA R > WILLAMETTE R
Water Availability Subbasin: 01040000000000000
Exceedance Level: 80
Time: 08:25 Date: 01/23/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	1870.00	20.00	1850.00	8.30	1840.00	500.00	1340.00
2	2010.00	20.00	1990.00	8.44	1980.00	500.00	1480.00
3	1830.00	10.00	1820.00	7.82	1810.00	500.00	1310.00
4	1530.00	10.00	1520.00	8.56	1510.00	500.00	1010.00
5	927.00	47.00	880.00	11.60	868.00	500.00	368.00
6	431.00	79.00	352.00	14.50	338.00	500.00	-162.00
7	204.00	136.00	68.00	21.10	47.00	200.00	-153.00
8	139.00	112.00	27.50	17.90	9.60	100.00	-90.40
9	134.00	48.20	85.80	11.00	74.80	150.00	-75.20
10	188.00	11.00	177.00	4.63	172.00	450.00	-278.00
11	637.00	12.00	625.00	5.89	619.00	500.00	119.00
12	1700.00	20.00	1680.00	8.20	1670.00	500.00	1170.00
Stor	1320000	31500	1290000	7660	1340000	293000	1000000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: MOLALLA R > WILLAMETTE R
Water Availability Subbasin: 01040000000000000
Time: 08:25 Date: 01/23/1996

		ISWRs				
APP # :	69796A	0	0	0	0	RESULTANT
STATUS:	Cert. 12/22/88 62322 no exemptions					
1	500.0	0.0	0.0	0.0	0.0	500.0 C
2	500.0	0.0	0.0	0.0	0.0	500.0 C
3	500.0	0.0	0.0	0.0	0.0	500.0 C
4	500.0	0.0	0.0	0.0	0.0	500.0 C
5	500.0	0.0	0.0	0.0	0.0	500.0 C
6	500.0	0.0	0.0	0.0	0.0	500.0 C
7	200.0	0.0	0.0	0.0	0.0	200.0 C
8	100.0	0.0	0.0	0.0	0.0	100.0 C
9	150.0	0.0	0.0	0.0	0.0	150.0 C
10	450.0	0.0	0.0	0.0	0.0	450.0 C
11	500.0	0.0	0.0	0.0	0.0	500.0 C
12	500.0	0.0	0.0	0.0	0.0	500.0 C

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041000000000000
Exceedance Level: 80
Time: 08:25 Date: 01/23/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	1120.00	20.00	1100.00	5.68	1090.00	80.00	1010.00
2	1260.00	20.00	1240.00	5.83	1230.00	80.00	1150.00
3	1080.00	0.00	1080.00	5.25	1075.00	80.00	995.00
4	834.00	6.00	828.00	5.99	822.00	80.00	742.00
5	448.00	28.00	420.00	8.91	411.00	80.00	331.00
6	231.00	58.00	173.00	11.90	161.00	60.00	101.00
7	111.00	95.90	15.10	18.40	-3.30	50.00	-53.30
8	71.60	77.70	-6.13	15.20	-21.30	40.00	-61.30
9	67.90	41.90	26.00	8.45	17.50	40.00	-22.50
10	91.50	5.60	85.90	2.27	83.60	60.00	23.60
11	364.00	8.00	356.00	3.41	353.00	80.00	273.00
12	1010.00	16.00	994.00	5.57	988.00	80.00	908.00
Stor	746000	23100	723000	5800	717000	48500	672000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041000000000000
Time: 08:25 Date: 01/23/1996

	ISWRs					
APP # :	69998A	73532A 8/5/93	0	0	0	RESULTANT
STATUS:	Cert. 64740	App. except HC, LV				
1	80.0	36.0	0.0	0.0	0.0	80.0 C
2	80.0	36.0	0.0	0.0	0.0	80.0 C
3	80.0	36.0	0.0	0.0	0.0	80.0 C
4	80.0	36.0	0.0	0.0	0.0	80.0 C
5	80.0	36.0	0.0	0.0	0.0	80.0 C
6	60.0	36.0	0.0	0.0	0.0	60.0 C
7	50.0	36.0	0.0	0.0	0.0	50.0 C
8	40.0	36.0	0.0	0.0	0.0	40.0 C
9	40.0	36.0	0.0	0.0	0.0	40.0 C
10	60.0	36.0	0.0	0.0	0.0	60.0 C
11	80.0	36.0	0.0	0.0	0.0	80.0 C
12	80.0	36.0	0.0	0.0	0.0	80.0 C

Cert 64740 - no exemptions

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041100000000000
Exceedance Level: 80
Time: 08:25 Date: 01/23/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	1040.00	30.00	1010.00	4.89	1005.00	36.00	969.00
2	1180.00	40.00	1140.00	4.95	1136.00	36.00	1100.00
3	1010.00	15.00	995.00	4.55	990.00	36.00	954.00
4	787.00	18.00	769.00	5.28	764.00	36.00	728.00
5	425.00	38.00	387.00	7.66	379.00	36.00	343.00
6	224.00	61.00	163.00	9.60	153.00	36.00	117.00
7	109.00	95.30	13.70	14.90	-1.20	36.00	-37.20
8	71.00	79.00	-7.99	12.30	-20.30	36.00	-56.30
9	67.40	46.80	20.60	6.74	13.90	36.00	-22.10
10	91.60	18.00	73.60	1.98	71.60	36.00	35.60
11	363.00	23.00	340.00	2.98	337.00	36.00	301.00
12	957.00	34.00	923.00	4.84	918.00	36.00	882.00
Stor	703000	28800	675000	4830	670000	25900	646000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041100000000000
Time: 08:25 Date: 01/23/1996

	ISWRs					
APP # :	151A	73532B	73533A	73534A	8/5/93	RESULTANT
STATUS:	Cert. 59467	App.	App.	App.	except HC, LV	
1	35.0	36.0	16.0	11.0	0.0	36.0 A
2	35.0	36.0	16.0	11.0	0.0	36.0 A
3	35.0	36.0	16.0	11.0	0.0	36.0 A
4	35.0	36.0	16.0	11.0	0.0	36.0 A
5	35.0	36.0	16.0	11.0	0.0	36.0 A
6	35.0	36.0	16.0	11.0	0.0	36.0 A
7	35.0	36.0	16.0	11.0	0.0	36.0 A
8	35.0	36.0	16.0	11.0	0.0	36.0 A
9	35.0	36.0	16.0	11.0	0.0	36.0 A
10	35.0	36.0	16.0	11.0	0.0	36.0 A
11	35.0	36.0	16.0	11.0	0.0	36.0 A
12	35.0	36.0	16.0	11.0	0.0	36.0 A

Cert 59467 - except Dom, LV, storage

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041120000000000
Exceedance Level: 80
Time: 08:25 Date: 01/23/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	603.00	12.00	591.00	1.90	589.00	10.00	579.00
2	650.00	14.00	636.00	1.87	634.00	10.00	624.00
3	587.00	2.00	585.00	1.84	583.00	10.00	573.00
4	451.00	4.00	447.00	1.81	445.00	10.00	435.00
5	235.00	12.00	223.00	1.34	222.00	10.00	212.00
6	111.00	26.80	84.20	1.76	82.40	10.00	72.40
7	43.60	42.30	1.34	2.55	-1.20	10.00	-11.20
8	24.70	35.00	-10.30	2.12	-12.40	10.00	-22.40
9	22.70	20.80	1.93	1.30	0.63	10.00	-9.37
10	38.90	3.60	35.30	0.60	34.70	10.00	24.70
11	233.00	7.00	226.00	0.89	225.00	10.00	215.00
12	608.00	13.00	595.00	1.85	593.00	10.00	583.00
Stor	384000	11000	373000	1190	372000	7190	365000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041120000000000
Time: 08:25 Date: 01/23/1996

	ISWRs					
APP # :	152A	73535A	73536A	0	0	RESULTANT
STATUS:	Cert. 59468	App.	App.	8/5/93 except HC, LV		
1	10.0	6.7	5.0	0.0	0.0	10.0 C
2	10.0	6.7	5.0	0.0	0.0	10.0 C
3	10.0	6.7	5.0	0.0	0.0	10.0 C
4	10.0	6.7	5.0	0.0	0.0	10.0 C
5	10.0	6.7	5.0	0.0	0.0	10.0 C
6	10.0	6.7	5.0	0.0	0.0	10.0 C
7	10.0	6.7	5.0	0.0	0.0	10.0 C
8	10.0	6.7	5.0	0.0	0.0	10.0 C
9	10.0	6.7	5.0	0.0	0.0	10.0 C
10	10.0	6.7	5.0	0.0	0.0	10.0 C
11	10.0	6.7	5.0	0.0	0.0	10.0 C
12	10.0	6.7	5.0	0.0	0.0	10.0 C

Cert 59468 except Dom, LV, storage

Land Use Information Form: Permits, Hydroelectric Licenses, Water Uses in Addition to Classified Uses

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT FILL OUT THIS FORM IF water is to be diverted, conveyed, and/or used only on federal lands.

RECEIVED
JUL 05 1994
WATER RESOURCES

Applicant's Name: CHARLES D. WAVRA
Address: 8167 OAK LANE
City: Mt Angel *State:* OR *Zip:* 97362 *Day Phone:* 845-6185

Please provide information as requested below for all tax lots on or through which water will be diverted or used. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

Sec 22 & 23, T6S, R1W

Tax Lot or Local I.D.#	Plan Designation/Zoning (e.g. Rural Residential/RR-5)	Check All That Apply: Water Diverted	Water Conveyed	Water Use
	Primary Ag / EFU			✓

Application No. G 13735
Permit No.

Please list all counties and cities within which water is proposed to be diverted, conveyed, and/or used. MARION

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within city limits. In this case, only the city planning agency must complete this form. Please request extra forms as needed.

For Local Government Use Only

Local planning officials are to complete the remainder of this form. If it cannot be completed while the applicant waits, sign and detach the receipt as instructed below. You will receive notice when the applicant's water right request is filed with the Water Resources Department (WRD). You will have 30 days from the notice date to return this completed this land use form to WRD. If no land use information is received from you within that period, WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan.

a) Check the appropriate box below and provide requested information.

☒ *Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):* 136.020 *. Go to section b) on reverse side.*

☐ *Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.* ***Note:*** *Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus any accompanying findings is sufficient.)*

Type of Land Use Approvals Needed (e.g.: plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Please check the box that applies: Already Obtained	Already Denied	Being Pursued Satisfactorily

(over)

(For Local Use Continued)

b) Please provide printed name and written signature.

Name: Joe Fennimore *Date:* 7-1-94

Title: ~~Asst~~ Planner *Phone:* 588-5038

Signature: Joe

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

Additional Comments:

Planning Official Initials: _____

Description of Water Use

Note to Applicant: This sheet will provide local planning staff with a basic description of your proposed water use. Please fill out this sheet before bringing the attached land use form to your local planning office. It will help local planning offices complete your land use information form quickly.

Note to Local Planning Officials: Please initial this sheet. Do not separate it from the land use information form. If needed, please make a separate copy for your records.

RECEIVED
JUL 05 1994

Applicant Name: CHARLES WAVRA
Address: Mt Angel OR 97362

Phone: 845-6185

Please indicate what you will use the water for. Check all boxes that apply and fill in the blanks with key characteristics of the project

- [X] Irrigation (crop type, golf course, nursery or greenhouse): _____
- [ ] Livestock (type of livestock, feedlot, slaughterhouse): _____
- [ ] Residential (# units, single or multi-family, # lots if partition or subdivision): _____
- [ ] Commercial (i.e., retail, office, restaurant, gas station, hotel, service, etc.): _____
- [ ] Industrial (i.e., factory, pulp mill, research and development, processing, etc.): _____
- [ ] Institutional (i.e., school, library, etc.): _____
- [ ] Mining (aggregate, metal, open pit, placer, etc.): _____
- [ ] Recreation (park, campsite, pond, etc.) _____
- [ ] Fish and Wildlife (pond, hatchery, etc.) _____
- [ ] Hydropower (dam, reservoir, power generating or transmitting facilities): _____
- [ ] Other (Name and list key characteristics): _____

Indicate sources for the proposed water use below:	Indicate the estimated quantity of water the use will require.
[ ] Surface Water Name sources _____ _____ _____	0.21 Cubic feet per second. 97.0 Gallons per minute. — Acre-Feet
[ ] Reservoir or pond	
[X] Ground Water	

Water Resources Department, 3850 Portland Rd. NE, Salem, OR 97310
Phone: 378-3671

Version 10/8/91

Oregon

WATER
RESOURCES
DEPARTMENT

July 11, 1994

CHARLES D WAVRA

8167 OAK LANE
MT ANGEL, OR 97362

REFERENCE: File(s) G-13735

We have received your application(s) for a water use permit along with your supporting data, documentation, and fees. A receipt is enclosed here unless you were previously issued one. Your application has been assigned the above referenced file number. Please refer to this number whenever you contact us about your application.

Even though your application has been received, filed and assigned an application reference number, no authorization has been granted to develop your water use. The filing of an application does not create a water right. Water may not be used without a water right permit.

After an application has been accepted for filing, public notification of the application is made, followed by the mandatory 30-day comment period. Thereafter, applications can be considered for processing as time allows.

At present the Water Resources Department has a backlog of several thousand applications for water use permits which has delayed our application processing time. Applications are processed in the order in which they are received.

The processing of an application does not guarantee that a water right permit will be issued. Each application must undergo a specialized analysis called a technical review and a public interest review. There is no way to determine at this time whether your particular proposed water use will be recommended for a permit.

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

REFERENCE: File(s) - G-13735

The Pudding River, Tualatin and Yamhill basins have been identified as water quality limited by the Department of Environmental Quality. The analysis of water quality in this basin indicates that during the months of May through October of each year, water quality problems exist. Due to water quality problems during low flows, water is not available for appropriation from May 1 through October 31 of each year.

When the report on the technical review is completed and sent to you, a 60-day objection period begins during which you, the applicant, or anyone who has expressed an interest in your proposed water use may communicate to us their disagreement with what we have said in our report on your application. After the 60-day objection period, the Department conducts the public interest review and considers any objections which have been made.

After any objections have been considered, there may follow time to allow parties to resolve conflicts over the proposed water use. In addition, a 30-day protest period may be required. Lastly, it may be necessary to schedule a hearing or send the application to the Water Resources Commission for their review. In most cases no objections are received and the application processing can proceed without further conflict resolution, protest, or hearing.

If your application is recommended for approval and a permit is issued, the use allowed by the permit will be subject to the Basin Program Rules of the Water Resources Commission, instream flow requirements, and the demands of prior right holders, and other conditions to conform the water use to particular standards.

Please contact the Water Rights Section of the Water Resources Department if you have any questions. You may write to us at 158 12th ST NE, Salem, Oregon 97310 or you may call 378-3739 in Salem or toll free from within the state 1-800-624-3199.

cc:CWRE

Oregon

WATER
RESOURCES
DEPARTMENT

July 11, 1994

CHARLES D WAVRA

8167 OAK LANE
MT ANGEL, OR 97362

REFERENCE: File(s) G-13735

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cc:CWRE