

CLAG

C12648

see also copy in section 20 per WWC 11/6/29

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

RECEIVED

JUN 15 1967

WATER WELL REPORT

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE ENGINEER SALEM OREGON

STATE OF OREGON (Please type or print)

6-6496 G-3967

State Well No. 4/1-29 D

State Permit No.

(1) OWNER:

Name Midway Nurseries Inc
Address Rt 2 Box 42
Astoria Ore Phone 651-2479

(2) LOCATION OF WELL:

County Clackamas Driller's well number
NW 1/4 NW 1/4 Section 20 T. 49 R. 1 E W.M.
Bearing and distance from section or subdivision corner
1160 E 400 FT N of The SW Corner
of The NW 1/4 of NW 1/4 of Sec 20
1137 E W.M.

(3) TYPE OF WORK (check):

Well [X] Deepening [] Reconditioning [] Abandon []
Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

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

(5) TYPE OF WELL:

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

(6) CASING INSTALLED:

12" Diam. from 0 ft. to 528 ft. Gage 250
10" Diam. from 508 ft. to 548 ft. Gage 250

(7) PERFORATIONS:

Type of perforator used Torch
Size of perforations 3/8 in. by 6 in.
300 perforations from 518 ft. to 548 ft.

(8) SCREENS:

Well screen installed? [] Yes [X] No
Manufacturer's Name
Model No.

(9) CONSTRUCTION:

Well seal—Material used in seal Grout
Depth of seal 40 ft. Was a packer used? NO
Diameter of well bore to bottom of seal 12 in.
Were any loose strata cemented off? [] Yes [X] No
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 38 ft. below land surface Date 10-29-66
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? Driller
Yield: 300 gal./min. with 100 ft. drawdown after 10 hrs.
" 380 " 154 FT " 10 "
" 440 " 199 FT " 10 "
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water 54 Was a chemical analysis made? [X] Yes [] No

(12) WELL LOG:

Diameter of well below casing 10"
Depth drilled 581 ft. Depth of completed well 581 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.

Table with columns MATERIAL, FROM, TO. Rows include Top Soil Brown Clay, Cement Gravel, Blue Clay & silt, Light green clay, Blue clay (stuckey), Silt Green (some water trickled), Dark Blue changing to Reddish B, Reddish Brown clay & silt, Light blue silt, Dark Brown silt, Blue clay, Reddish Brown clay, Dark Clay Stone with Red streaks, Dark silt, Lava Rock Broken (water), Black Basalt Broken.

Water from Broken Basalt per 12.

Application No. G-3967

Permit No.

Work started Sept 3 1966 Completed Oct 30 1966
Date well drilling machine moved off of well Oct 30 1966

(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 John W Beck Well Drilling (Person, firm or corporation)

Address 954 S Ivy St Corvallis Ore

Drilling Machine Operator's License No. H37

[Signed] John W Beck (Water Well Contractor)

Contractor's License No. H49 Date Mar 1 1966

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Duplicate

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APR 26 1967

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

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

G-3967

STATE ENGINEER 41-290
ON
State Permit No.

(1) OWNER:

Name Midway Nurseries
Address Rt 2 Box 42
Aurora Oregon

(2) LOCATION OF WELL:

County Clatsop Driller's well number
NW 1/4 NW 1/4 Section 29 T. 4S R. 1E W.M.
Bearing and distance from section or subdivision corner
1160 E & 400 S of the NW corner
of the NW 1/4 & NW 1/4 of Sec 29
4S R 1E W.M.

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
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 528 ft. Gage
10" Diam. from 528 ft. to 581 ft. Gage
" Diam. from _____ ft. to _____ ft. Gage

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used Torch
Size of perforations 3/8 in. by 6 in.
300 perforations from 518 ft. to 548 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ 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 Grout
Depth of seal 40 ft. Was a packer used? No
Diameter of well bore to bottom of seal 15 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 38 ft. below land Date _____
Artesian pressure _____ lbs. per sq. 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: 300 gal./min. with 100 ft. drawdown after 10 hrs.
" 380 " " 154 " "
" 415 " " 192 " "
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 10 ft.
Depth drilled _____ ft. Depth of completed well 581 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
Light Green Clay 79 108
Blue Clay (sticky) 108 135
Silt Green (trickle water) 135 147
Dark Blue change to Red Brn 147 260
Reddish Brown Clay Silt 260 335
Light Blue Silt 335 393
Dark Brown Silt 393 405
Blue Clay 405 435
Reddish Brown Clay 435 460
Dark Clay stone w/
Red Streaks 460 510
Dark Silt 510 518
Lava Rock (water) 518 528
Black basalt broken 529 581
water from Broken Basalt area

Proposed setting for 500 ft. PM.
330 Ft.

Work started _____ 19 Completed _____ 19
Date well drilling machine moved off of well _____ 19

(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 _____ (Person, firm or corporation) (Type or print)

Address _____

Drilling Machine Operator's License No. _____

[Signed] _____ (Water Well Contractor)

Contractor's License No. _____ Date _____ 19

4/1-29D

NORTHWEST TESTING LABORATORIES

4115 N. MISSISSIPPI AVENUE
PORTLAND 17, OREGON

MATERIALS INSPECTION
CONSTRUCTION INSPECTION
PHYSICAL TESTING
CHEMICAL ANALYSIS

WELDING CERTIFICATION
ASSAYING
SOIL TESTING
BACTERIOLOGY

September 16, 1966

Midway Nursery
Route 2, Box 42
Aurora, Oregon

RECEIVED
APR 26 1967
STATE ENGINEER
SALEM, OREGON

Gentlemen:

Subject: Analysis of one sample of water
submitted on 9-14-66.

Report:

pH.....	7.9
Total Iron.....	0.98 ppm
Total Alkalinity	
as CaCO ₃	158.5 ppm
Total Hardness	
as CaCO ₃	251.3 ppm
Calcium as CaCO ₃ ..	250.4 ppm

Respectfully submitted,

NORTHWEST TESTING LABORATORIES

Charles R. Lane
Charles R. Lane, Manager

Cert. No. 79683

4/1-29D

NORTHWEST TESTING LABORATORIES

4115 N. MISSISSIPPI AVENUE
PORTLAND 17, OREGON

MATERIALS INSPECTION
CONSTRUCTION INSPECTION
PHYSICAL TESTING
CHEMICAL ANALYSIS

WELDING CERTIFICATION
ASSAYING
SOIL TESTING
BACTERIOLOGY

November 9, 1966

RECEIVED
APR 26 1967

STATE ENGINEER
OREGON

Midway Nursery
Route 2, Box 42
Aurora, Oregon 97002

Gentlemen:

Subject: Analysis of one water sample
submitted on 11-2-66.

Report:

pH.....	7.0
Total Alkalinity.....	157.0 ppm
Total Hardness <i>cal + mag</i>	
as CaCO ₃	350.6 ppm
Total Iron.....	0.52 ppm
Chlorides as NaCl....	0.91 ppm
Calcium (CaCO ₃).....	312.2 ppm

neutral
Ammonia consumption
.3 mag
2.4

QUALITATIVE SPECTROGRAPHIC ANALYSIS

1. Elements present in concentrations over 10%... Calcium and Silicon
2. Elements present in concentrations 10% to 1%.... Sodium, Potassium and Magnesium.
3. Elements present in concentrations 1% to 0.1%.. Strontium
4. Elements present in concentrations 0.1% to .01%
5. Elements present in concentrations .01% to .001%.. Aluminum
6. Elements present in concentrations below .001%.. Iron and Copper

Respectfully submitted,

NORTHWEST TESTING LABORATORIES

Charles R. Lane

Charles R. Lane, Manager

Cert. No. 80535



LABORATORY CERTIFICATE

Charlton Laboratories

ANALYTICAL AND CONSULTING CHEMISTS

Physical Testing . . . Sanitary Bacteriology

2340 S. W. JEFFERSON STREET

P. O. Box 1048

PORTLAND, OREGON 97207

PHONE 228-9663

TO: Midway Nurseries
Rt. 2 Box 42
Aurora, Oregon

LABORATORY NO. 80965

DATE: December 15, 1966

SUBJECT: Attention: Ken Altenhofen
Water sample

DATE RECEIVED: 12/12/66

ANALYSIS

pH Value

7.95

Hardness (as CaCO₃)parts per million

334

Sodium

220

Chloride

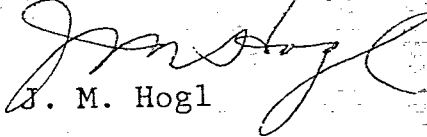
466 ←

Boron

0.18

This water has a high salt content. We calculate from the above analysis that there is about 560 p.p.m. Sodium Chloride and 200 p.p.m. Calcium Chloride present.

CHARLTON LABORATORIES, INC.


J. M. Hogl

JMH:lr
3c