

Approved:



# MEMO

**To:** Kristopher Byrd, Well Construction Manager  
**From:** Tommy Laird, Well Construction Program Coordinator  
**Subject:** Review of Water Right Application G-19326  
**Date:** February 10, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Phillip I. Marcy reviewed the application. Please see Phillip's Groundwater Review and the Well Report.

Applicant's Well #1 (LINN 4404): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Well #1 may not satisfy hydraulic connection issues.

Applicant's Well #2 through Well #4 (Proposed): Well #2 through Well #4 are proposed wells, therefore they cannot be reviewed for construction. Construction of these proposed wells shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of these wells, specific attention should be paid to ensure sealing requirements are met and that the wells do not commingle aquifers.

The construction of proposed Well #2 through Well #4 may not satisfy hydraulic connection issues.

WATER WELL REPORT  
STATE OF OREGON

RECEIVED

MAR 6 1984

PLEASE TYPE or PRINT IN INK  
WATER RESOURCES DEPT.

SALEM, OREGON

LINN  
4404

State Well No. 105/2W-34

State Permit No.

(1) OWNER:

Name Stanley McGill  
Address 37188 Gilkey Rd., Scio, Or. 97374  
City State

(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 ☐ Domestic ☐ Industrial ☒ Municipal ☐  
Rotary Mud ☐ Dug ☐ Irrigation ☐ Test Well ☐ Other ☐  
Cable ☒ Bored ☐ Thermal: Withdrawal ☐ Reinjection ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel ☐ Plastic ☐  
Threaded ☐ Welded ☒  
6" Diam. from 12" ft. to 129'08" ft. Gauge .0250  
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Acetylene Torch

Size of perforations 3/8 in. by 12 in.  
36 perforations from 118'4" ft. to 127'08" 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?

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

Air test gal./min. with drill stem at ft. hrs.

Bailer test 60 gal./min. with 10 ft. drawdown after 1 1/2 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

Well sealed from land surface to 23 ft.

Diameter of well bore to bottom of seal 10 in.

Diameter of well bore below seal 6 in.

Number of sacks of cement used in well seal 15 sacks

How was cement grout placed? Placed with a grout pump from the 23' level to the ground surface.

Was pump installed? 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: ft.

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Linn Driller's well number  
1/4 1/4 Section 34 T. 10S R. 2W W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location: 37188 Gilkey Rd., Scio, Or.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 23 to 29 ft.  
Static level 6 ft. below land surface. Date 2-29-84  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled 130 ft. Depth of completed well 130 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 |
|-------------------------|------|-----|-----|
| Top Soil                | 0    | 3   |     |
| Brown Clay              | 3    | 15  |     |
| Brown Clay & Gravel     | 15   | 20  |     |
| Brown Clay              | 20   | 23  |     |
| Brown Clay & Gravel     | 23   | 29  |     |
| Blue Clay & Gravel      | 29   | 34  |     |
| Brown Clay & Gravel     | 34   | 42  |     |
| Dirty Br. Sand & Grav.  | 42   | 51  |     |
| Brown Clay -Some Grav.  | 51   | 61  |     |
| Brown Clay & Gravel     | 61   | 78  |     |
| Dark Grey Clay          | 78   | 92  |     |
| Black Sand & Pea Gravel | 92   | 99  |     |
| Blue Clay               | 99   | 117 |     |
| Black Sand & Gravel     | 117  | 130 |     |

Work started 2-16 19 84 Completed 2-29 19 84  
Date well drilling machine moved off of well 2-29 19 84

(unbonded) Water Well Constructor Certification (if applicable):

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

[Signed] Date, 19

Bonded Water Well Constructor Certification:

Bond 28022645 Issued by: Western Surety  
(number) Surety Company Name

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

Name Merle Warren Well Drilling, Inc.  
(Person, firm or corporation) (Type or print)

Address 34111 Hwy. 99E, Tangent, Or. 97389

[Signed] Water Well Constructor  
Date 3-2, 19 84