

Name G-17592
 GOLDEN RULE FARMS INC
 By PO BOX 255
 Address CHRISTMAS VALLEY OR 97641

Application No. G17592
 Permit No. _____
 Certificate No. _____

FEES PAID

Date	Amount	Receipt
10-26-12	28,900 ⁰⁰	107

Date _____
 DENIED _____
 MISFILED _____
 WITHDRAWN _____
 CANCELLED _____

Volume	Page

FEES REFUNDED

Date	Amount	Receipt

Priority OCTOBER 26, 2012
 County HARNEY WM# 10

RELATED FILES

DEVELOPMENT Date

Completion _____
 Extended to _____

 Final Proof received _____
 Proposed Cert. Mailed _____

ASSIGNMENTS

Date	To Whom	Address

REMARKS _____

MAP LOCATION _____

Mailing List for PFO Copies

Application G-17592

PFO Date January 21, 2020

Original mailed via CERTIFIED MAIL to applicant:

GOLDEN RULE FARMS INC.
PO BOX 255
CHRISTMAS VALLEY OR 97641

Copies Mailed

By: TM
(SUPPORT STAFF)

on: 1/21/2020
(DATE)

Sent via auto email:

1. WRD - Watermaster JR Johnson -# 10
2. Agent – John Short – johnshort@usa.com

Copies sent to:

3. WRD - File # G-17592

Application Specialist: Kim French

**Oregon Water Resources Department
Water Right Services Division**

Water Right Application G-17592 in the)	PROPOSED FINAL ORDER
name of GOLDEN RULE FARMS INC.)	TO DENY
)	

Summary: The Department proposes to issue an order denying Application G-17592 because groundwater for the proposed use will not likely be available within the capacity of the groundwater resource.

Authority

The application is being processed in accordance with Oregon Revised Statute (ORS) 537.615 through 537.628, and 390.826, and Oregon Administrative Rule (OAR) Chapter 690, Divisions 5, 8, 9, 33, 300, 310, 400, 410 and the Malheur Basin Program (OAR 690-510). These statutes and rules can be viewed on the following website
<https://www.oregon.gov/OWRD/programs/policylawandrules/Pages.default.aspx>.

The Department’s main website can be found at: <https://www.oregon.gov/OWRD>.

The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525 if:

- a. The proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and ORS 536.340 or given a preference under ORS 536.310(12);
- b. Water is available;
- c. The proposed use will not injure other water rights; and
- d. The proposed use complies with the rules of the Commission. ORS 537.621(2); OAR 690-310-0150(2)(b)

All four criteria must be met for a proposed use to be presumed to ensure the preservation of the public welfare, safety and health. When the criteria are met and the presumption is established the Department must further evaluate the proposed use, any comments received, information available in its files or received from other interested agencies, and any other available information to determine whether the presumption is overcome. OAR 690-310-0140

If the Department determines that the presumption is not established, the Department shall determine whether the proposed use will impair or adversely affect the public welfare, safety and health under ORS 537.525 and may either:

- a. Propose denial of the application upon a finding that the use will impair or adversely affect the public welfare, safety and health; or
- b. Make specific findings to demonstrate that even though the presumption is not established, the proposed use will not impair or adversely affect the public welfare, safety and health and propose approval of the application with appropriate modifications or conditions. OAR 690-310-0140(2)

FINDINGS OF FACT

Application History

1. On October 26, 2012, Golden Rule Farms Inc. filed a complete application for the following water use:

Source	THIRTY WELLS IN MALHEUR AND MALHEUR LAKE BASINS
Use	IRRIGATION OF 4180.96 ACRES
Rate	80.2 CUBIC FEET PER SECOND (CFS)
County	HARNEY COUNTY
Place of Use	SECTIONS 23, 24, 26, 34, AND 35, TOWNSHIP 26 SOUTH, RANGE 32 EAST, W.M.; SECTIONS 1, 2, 3, 5, 6, 8, 9, 10, 11, TOWNSHIP 27 SOUTH, RANGE 32 EAST, W.M.; AND SECTIONS 6, 8, 17, 19, 20, TOWNSHIP 17 SOUTH, RANGE 34 EAST, W.M.

2. On March 8, 2013, the Department mailed the applicant notice of its Initial Review, determining that **"...the appropriation of 80.2 CFS, being 2.67 CFS each from Briggs 6, Briggs 7, Briggs 8, Briggs 9 North, Briggs 9 South, Briggs 10, Briggs 11, Briggs 12, Briggs 13, Briggs 14, Briggs 15, Briggs 16, Briggs 17, Briggs 18, Briggs 19, Briggs 20, Briggs 21, Briggs 22, Briggs 23, Briggs 24, Briggs 25, Briggs 26, Briggs 27, Briggs 28, Briggs 29, Briggs 30, Briggs 31, Briggs 32, Briggs 33, and Briggs 34 in Malheur Lake Basin, for irrigation of 4180.96 acres March 1 through October 31 is not allowable..."** The applicant did not notify the Department to stop processing the application within 14 days of that date.
3. On March 12, 2013, 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 obtaining future notices and a copy of the Proposed Final Order.
4. The application was placed on four administrative holds, the last ending May 3, 2016.
5. On January 26, 2018, the applicant amended the application to remove the wells within the Malheur Lake Basin, reduce the rate to 15.9 CFS from eight wells (Briggs Well #10 – Briggs Well #17) located in the Malheur Basin, and reduce the acreage to 952.26 acres.

Presumption Criteria (a) Consistency with Basin Program

6. The proposed use is allowed under Malheur Basin Program OAR 690-510. ORS 537.621(3)(b); OAR 690-310-0150(2)(b)

Presumption Criteria (b) Water Availability

7. A re-assessment of groundwater availability was completed by the Department’s Groundwater Section on October 10, 2019. A copy of this re-assessment is in the file and can be viewed on the Department’s website. Groundwater will **not** likely be available within the capacity of the resource and the proposed use of groundwater **will** likely cause injury to senior water users. ORS 537.621(3)(c); OAR 690-310-0150(2)(c)

Presumption Criteria (c) Injury Determination

8. The proposed use (if authorized) will likely injure other water rights. ORS 537.621(3)(d); OAR 690-310-0150(2)(e)

Presumption Criteria (d) Whether the use complies with rules of the Commission

9. Documentation has been submitted from the relevant land-use planning jurisdiction that indicates the proposed use is allowed outright. ORS 537.621(3)(b); OAR 690-310-0150(2)(b)
10. The Department has determined that the proposed groundwater use will not have the potential for substantial interference with surface water. ORS 537.621(3)(b); OAR 690-009-0040(4)
11. The proposed groundwater use is not within a designated critical groundwater area. ORS 537.620(4)(a), 537.621(3)(a); OAR 690-310-0150(2)(a)
12. The proposed use is not within or above a state scenic waterway. ORS 537.620(4)(a), 537.621(3)(a); OAR 690-310-0150(2)(a)
13. No written comments were received by the close of the comment period. OAR 690-310-0140(3)(a)
14. The proposed use does **not** comply with rules of the Water Resources Commission not otherwise described above.

Determination of Presumption and whether the proposed use will impair or adversely affect the public welfare, safety and health under ORS 537.525

15. Because one of the four criteria is not met (groundwater is not available) the presumption is not established. OAR 690-310-0140(1)
16. Because the presumption is not established the proposed use will impair or adversely affect the public welfare, safety and health under ORS 537.525, OAR 690-310-0140(2)

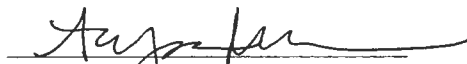
CONCLUSIONS OF LAW

The proposed use **will** impair or adversely affect the public welfare, safety and health.

PROPOSED ORDER

The Department recommends issuing an order denying Application G-17592.

DATED January 21, 2020


Alyssa Mucken
Water Rights Section Manager, for
Thomas M. Byler, Director
Oregon Water Resources Department

Protests

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for groundwater), you can protest this Proposed Final Order. Protests must be received by the Water Resources Department no later than **March 6, 2020**. Protests 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 the 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;
- To affect the Department's determination that the proposed use in this application will, or will not, ensure the preservation of the public welfare, safety and health as described in ORS 537.525, ORS 537.621(2)(b) requires that a protest demonstrate, by a preponderance of evidence any of the following: (a) One or more of the criteria for establishing the presumption are, or are not, satisfied; or (b) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected, and specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected;
- If you are the applicant, a protest fee of \$410 required by ORS 536.050; and
- If you are not the applicant, a protest fee of \$810 required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing.

Requests for Standing

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for groundwater), persons other than the applicant who support a Proposed Final Order can request standing for purposes of participating in any contested case proceeding on the Proposed Final Order or for judicial review of a Final Order.

Requests for standing must be received in the Water Resources Department no later than **March 6, 2020**. Requests for standing must be in writing, and must include the following:

- The requester's name, mailing address and telephone number;
- If the requester is representing a group, association or other organization, the name, address and telephone number of the represented group;
- A statement that the requester supports the Proposed Final Order as issued;
- A detailed statement of how the requester would be harmed if the Proposed Final Order is modified; and

- A standing fee of \$230. If a hearing is scheduled, an additional fee of \$580 must be submitted along with a petition for party status.

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 either:

- 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.

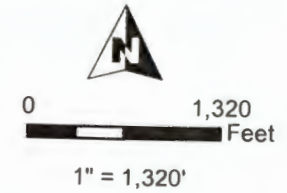
If you do not request a hearing within 30 days after the close of the protest period, or if you withdraw a request for a hearing, notify the Department or the administrative law judge that you will not appear or fail to appear at a scheduled hearing, the Director may issue a Final Order by default. If the Director issues a Final Order by default, the Department designates the relevant portions of its files on this matter, including all materials that you have submitted relating to this matter, as the record for purpose of proving a *prima facie* case upon default.

You may be represented by an attorney at the hearing. Legal aid organizations may be able to assist a party with limited financial resources. Generally, partnerships, corporations, associations, governmental subdivisions or public or private organizations are represented by an attorney. However, consistent with OAR 690-002-0020 and OAR 137-003-0555, an agency representative may represent a partnership, corporation, association, governmental subdivision or public or private organization if the Department determines that appearance of a person by an authorized representative will not hinder the orderly and timely development of the record in this case.

Notice Regarding Servicemembers: Active duty service members have a right to stay proceedings under the federal Servicemembers Civil Relief Act. For more information contact the Oregon State Bar at 800-452-8260, the Oregon Military Department at 503-584-3571, or the nearest United States Armed Forces Legal Assistance Office through <http://legalassistance.law.af.mil>. The Oregon Military Department does not have a toll free telephone number.

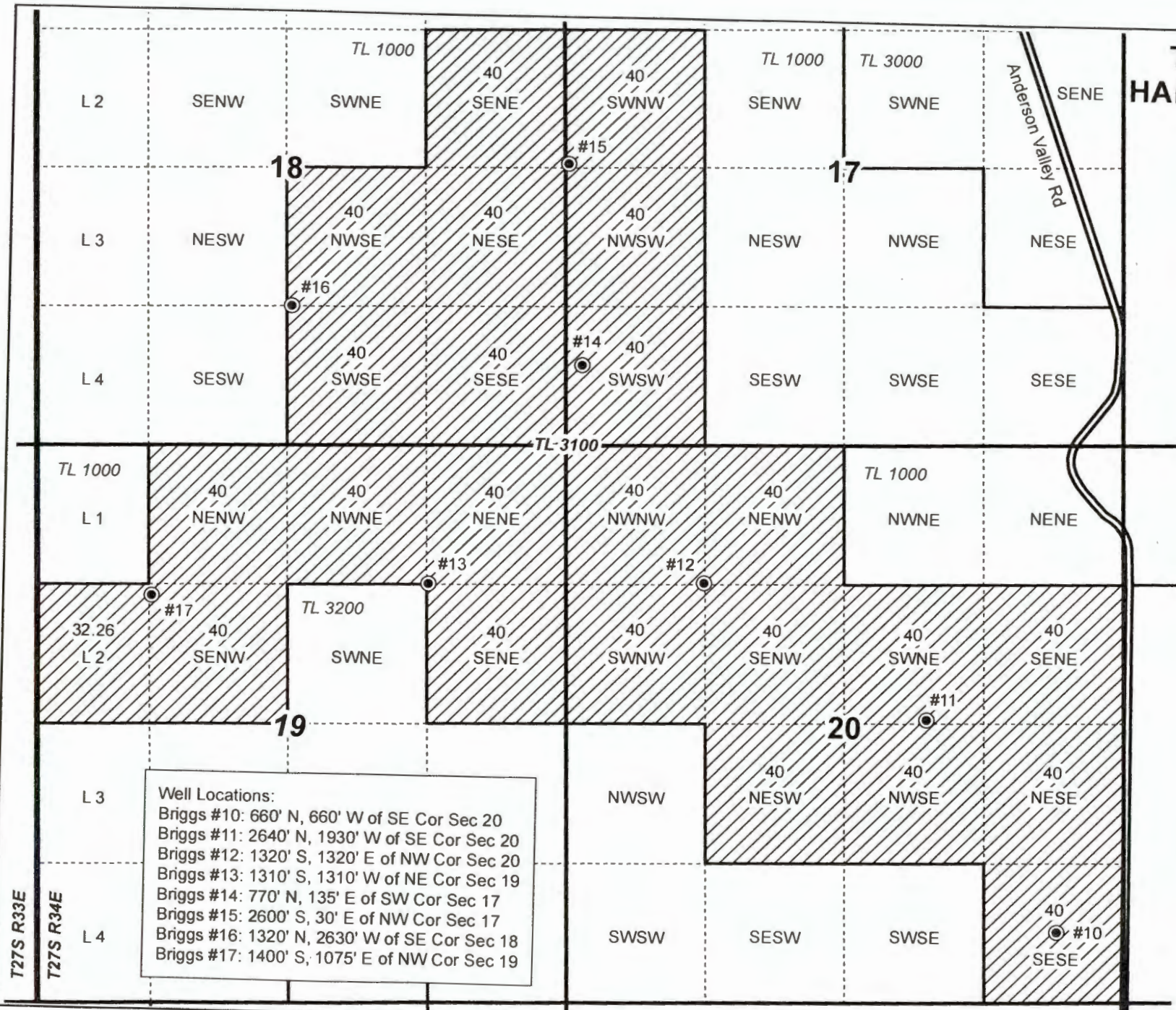
-
- If you have any questions about statements contained in this document, please contact Kim French at 503-986-0816 or Kim.R.French@oregon.gov.
 - If you have questions about how to file a protest or if you have previously filed a protest and you want to know the status, please contact Patricia McCarty at 503-986-0820.
 - If you have any questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at 503-986-0801.
 - Address any correspondence to : Water Right Services Division
725 Summer St NE, Suite A
Salem, OR 97301-1266
Fax: 503-986-0901
-

T27S R34E, WM, HARNEY COUNTY, OR



- Well
- POU IR
- Township
- Section
- Quarter Quarter
- Taxlot

RECEIVED
AUG 07 2019
OWRD



Well Locations:
 Briggs #10: 660' N, 660' W of SE Cor Sec 20
 Briggs #11: 2640' N, 1930' W of SE Cor Sec 20
 Briggs #12: 1320' S, 1320' E of NW Cor Sec 20
 Briggs #13: 1310' S, 1310' W of NE Cor Sec 19
 Briggs #14: 770' N, 135' E of SW Cor Sec 17
 Briggs #15: 2600' S, 30' E of NW Cor Sec 17
 Briggs #16: 1320' N, 2630' W of SE Cor Sec 18
 Briggs #17: 1400' S, 1075' E of NW Cor Sec 19

T27S R33E
T27S R34E

GROUNDWATER APPLICATION MAP Golden Rule Farms, LLC

Date: 8/6/2019 Ap G-17592

8-17592 million paid 8/7/2019

This map is not intended to provide legal dimensions or locations of property ownership lines.

WATER RIGHT SERVICES, LLC
 PO BOX 1830, BEND, OR 97709
 WWW.OREGONWATER.US CCB # 197121
 johnshort@usa.com 541-389-2837

Reminder: use a different colored pen for changes and Date and Initial changes.

PFO Checklist for Standard Application

Application # G-17592 Applicant: GOLDEN RULE FARMS INC.

Basin # 10 WM 10

IR requested additional information? NA Yes

Add'l info received? NA Yes

IR Date MAR 8, 2013 Noticed on MAR 12, 2013 Comment Deadline APR 12, 2013

Electronic /Written comments? No Yes Comment Eval? NA No Yes

Allowed Use/Rate/Season NOT ALLOWABLE Limit: _____ Duty: _____

GW Rev NA will likely be available will not likely be available will, if conditioned *injury not w/ the capacity*

No PSI Yes PSI WELL _____ Has PSI with _____

PSI caused from: 1/4 mile > 5CFS Instream Q > 1% of 80% Interference > 25%

Groundwater Conditions: See GWR 4/15/2019 10/10/2019
Special, 7F 7N 7T to m, Large, 7K

Well construction meets minimum standards? NA (proposed well) Yes No (propose to deny) unknown

Conditions _____

Small ≤ 0.1 CFS ≤ 9.2 AF Medium > 0.1 CFS but < 0.25 CFS. > 9.2 AF but < 100 AF Large ≥ 0.25 CFS ≥ 100 AF

SWW NA above within _____ If GW, add 7J

SW availability NA 80% 50% _____

Division 33 NA No UPPER COLUMBIA (not allowed 4/15 - 9/30) OAR 690-033-0120 (DIV331)
 LOWER COLUMBIA OAR 690-033-0220 (DIV332)
 STATEWIDE OAR 690-033-0330 (DIV333)
 UPPER COLUMBIA AND STATEWIDE (DIV334)
 LOWER COLUMBIA AND STATEWIDE (DIV335)

Land Use allowed outright decision obtained being pursued not being pursued

MU or QM: NA change construction condition to 20 years in Draft Permit

Needed before permit: NA Fees LU easement plans/ specs storage contract

Changes from IR determinations
Memo from agent - well + acreage + rate reduction

Notes See GWR re-l dated 4/15/2019 10/10/2019

Specialist: Jenna M. Eastman Date: 4/29/19 Peer Reviewer: [Signature] Date: 6/22/19
Barbara Roage Date: 8/19/2019 Manager: _____ Date: _____

Copy to:

- NCR
- WM 10
- Agent John Short
- CWRE _____
- A.L.O. _____
- Commenter(s) _____
- SW Section (If SW, GW w/PSI, or SWW (include copy of yellow sheet))

EXAM FEE REQUIRED	_____	RECORDING FEE REQUIRED	_____
EXAM FEE PAID	<u>28,500</u> -	RECORDING FEE PAID	<u>400</u> -
STILL OWED	<u>0</u>	STILL OWED	<u>0</u>

Agent may request refund - will need to speak w/ Section Manager

The purpose of this check list is to be used as a working document by the Department staff to aid in the production of the related Initial Review, Proposed Final Order or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.

IR CHECKLIST

app = ir - 4192, 57ac 80.2 cts total;

Requested Use/Rate/Season map = ir - 4180.96 ac 1300 gpm = 2.67 cts each well, 3/1 - 10/31, 3.0 af/ac/yr

Allowed Use/Rate/Season _____ Limit _____ Duty _____

DIV 9 NA will likely be available... will not likely be available... will, if properly conditioned...

classify as surface water well briggs 25, 26, 28, 30, 31, 32, 33 has PSI with malheur 1 (> 5 cts)

(include basin map if true) well _____ is within 1N 3E 20, 21, 28, 29 GWLA CGWA _____

GW conditions _____

Conditions _____

Small ≤ 0.1 CFS, ≤ 9.2 AF Medium > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF Large ≥ 0.5 CFS, ≥ 100 AF

TFM

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water
use Large for: Tenmile Lake, NU or other temp control, gov. entities, and HC exceptions; Large-7g, Large-7i for 7g/7i
use Large-TFM if GW in: South Salem Hills, or 10+ acres in Stage Gulch CGWA

ORS 538 prohibits use No Yes (stop processing and return app and fees)

Use is allowed not allowed limited OAR Compact _____

Stream is withdrawn NA No Yes, allows use/season _____

SW availability NA 80% 50% ? but 3/1-10/31 season WID: _____

Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoeg Cr (including Mission Cr and Case Cr)

DIV 33 NA No above Bonneville, and not allowed 4/15 - 9/30
 below Bonneville
 statewide

SWW NA above within _____ (If GW and interference, copy form for Stahr.)

Use is within a high priority area for streamflow restoration NA No Yes

POU conflict NA No No, different sources No, make up a deficiency in rate No, existing not at max. rate

Yes p-g-12262, p-g-12938, c-32394

Use is supplemental, checked for primary rights NA Yes limits _____

App w/in a District boundary per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/ No Yes, cc: _____

Land use approved not approved being pursued not being pursued county notified NA

MU or QM NA will complete construction within 20 years
 Fujii reviewed recommendations _____

Storage contract NA BOR Doug Co Corp of Eng needed obtained _____

POD is within North Umpqua settlement reach and the spreadsheet was updated NA Yes

Forms NA HC except spring description other _____

Authorized agent specified NA needed Yes _____

Copy to SWR WM # 10 a.l.o. NW Planning Council
 ER agent DOA CRIFC
 NCR CWRE CTUIR US Fish & Wildlife

DOA Food Safety Division (bottled water) city _____ (w/in 5-mile muni wells)

<input checked="" type="checkbox"/> Fees	<u>80.2</u> CFS	Base	<u>1000</u>
	_____ AF	Up to 1 CFS	<u>250</u>
	<u>30 wells</u>	<u>80</u> Add'l CFS @ <u>250</u>	<u>20,000</u>
	<u>ir</u>	Up to 20 AF	_____
		_____ Add'l AF @ _____	_____
		<u>21</u> Add'l <input checked="" type="checkbox"/> POD/POA <input type="checkbox"/> use @ <u>250</u>	+ <u>7250</u>
		Exam Fee Required =	<u>28,500</u>
		Exam Fee Paid	<u>28,500</u>
		Still Owed	<u>0</u>

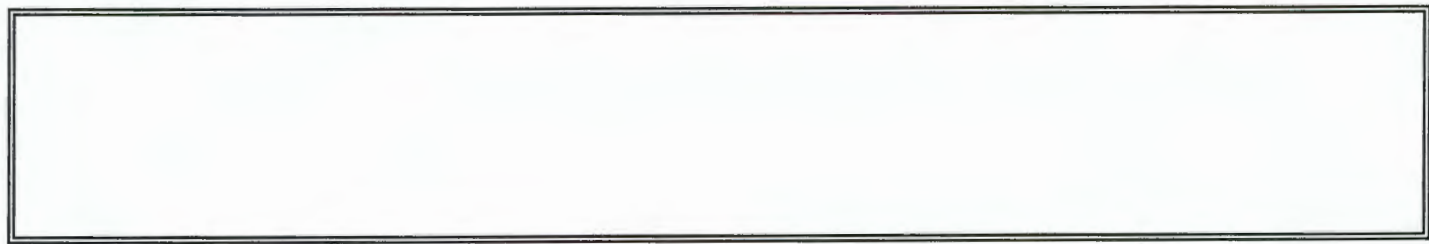
App/map meet min. req Yes No ALO info map legal _____
(If not, send IR certified)

Req'd before PFO NA LU approve/pursue ALO info fees

Req'd before permit NA evidence of well repair LU easement plans/specs storage contract

Letter format good limited bad bad w/ rate reduction opportunity bad w/ HC opportunity

Scanned images exist for application form and map



Name: jeana eastman Date: 2/2/13 Peer Reviewer: KMM

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TRSOO: 27.00S-34.00E-1E-NWSE

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S FK MALHEUR R.: MALHEUR R.: AB INDIAN CR.(31011633)
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSOO: 27.00S-34.00E-1E-NENE

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S FK MALHEUR R.: MALHEUR R.: AB INDIAN CR.(31011633)
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSOO: 27.00S-34.00E-1E-SENW

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S FK MALHEUR R.: MALHEUR R.: AB INDIAN CR.(31011633)
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSOO: 27.00S-34.00E-2E-NWNW

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S FK MALHEUR R.: MALHEUR R.: AB INDIAN CR.(31011633)
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSOO: 27.00S-34.00E-2E-SESE

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S FK MALHEUR R.: MALHEUR R.: AB INDIAN CR.(31011633)
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSOO: 27.00S-34.00E-2E-SWNE

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S FK MALHEUR R.: MALHEUR R.: AB INDIAN CR.(31011633)
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

Division 33: STATEWIDE
Water Quality Limited:

TRSOQ: 17.00S-14.00E-10-NEE

County: Harney
Basin: Malheur Lake
WM District: 10
WM Region: E
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: STATEWIDE
Water Quality Limited:

TRSOQ: 17.00S-14.00E-04-NEE

County: Harney
Basin: Malheur Lake
WM District: 10
WM Region: E
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33:
Water Quality Limited:

TRSOQ: 17.00S-14.00E-06-NEE

County: Harney
Basin: Malheur Lake
WM District: 10
WM Region: E
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33:
Water Quality Limited:

TRSOQ: 17.00S-14.00E-06-NWSW

County: Harney
Basin: Malheur Lake
WM District: 10
WM Region: E
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33:
Water Quality Limited:

TRSOQ: 17.00S-14.00E-08-SENE

County: Harney
Basin: Malheur, Malheur Lake
WM District: 10
WM Region: E
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33:
Water Quality Limited:

TRSOQ: 17.00S-14.00E-17-NEE

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33:
Water Quality Limited:

TRSOQ: 17.00S-14.00E-17-SWNW

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S.FK.MALHEUR.R.:MALHEUR.R.:AB.INDIAN.CR.01011633
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSOQ: 17.00S-14.00E-17-SWSW

County: Harney
Basin: Malheur
WM District: 10
WM Region: E
Withdrawn Area:
WAB: S.FK.MALHEUR.R.:MALHEUR.R.:AB.INDIAN.CR.01011633
Priority WAB:
Rule 4D:
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-01-NWNE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-02-NESW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-03-NWSW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-03-NENW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-03-SENE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-05-SESE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-06-NENW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOQ: 27.005-32.00E-09-NWNW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

Groundwater Restricted Area:
 Scenic Water Way:

Point of Diversion Characteristics

Right:	App: G 17592 *
Name:	GOLDEN RULE FARMS INC.

TRSOO: 26.008-32.00E-33-NENE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-34-NENE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-34-NWSW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: F
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-36-NENE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-36-SWSW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-34-NENE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-34-SESE

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:
 Groundwater Restricted Area:
 Scenic Water Way:
 Division 33: STATEWIDE
 Water Quality Limited:

TRSOO: 26.008-32.00E-34-SWSW

County: Harney
 Basin: Malheur Lake
 WM District: 10
 WM Region: E
 Withdrawn Area:
 WAB:
 Priority WAB:
 Rule 4D:

WATER RESOURCES DEPARTMENT

DIVISION 512

MALHEUR LAKE BASIN PROGRAM PROVISION

690-512-0040 Water Availability

(1) Except as provided in section (3) of this rule, the Department shall not accept an application for permit, or issue a permit, for any use of surface water, or of groundwater the use of which has the potential to substantially interfere with surface water, in the Malheur Lake Basin unless the applicant shows, by a preponderance of evidence, that unappropriated water is available to supply the proposed use at the times and in the amounts requested. The evidence provided shall be prepared by a qualified hydrologist or other water resources specialist and shall include:

(a) Streamflow measurements of gage records from the source or, for use of groundwater, the stream in hydraulic connection with the source; or

(b) An estimate of water availability from the source or, for use of groundwater, the stream in hydraulic connection with the source which includes correlations with streamflow measurements or gage records on other, similar streams and considers current demands for water affecting the streamflows.

(2) The criteria used in determining if the use of groundwater has the potential to substantially interfere with surface water shall be those established in OAR chapter 690, division 9.

(3) This rule shall not apply to issuance of:

(a) Instream water rights;

(b) Permits for storage of water between March 1 and May 31; or

(c) Permits for use of water legally stored.

(d) Permits for Multipurpose Storage under OAR 690-512-0100.

Stat. Auth.: ORS 536.300 & 536.340

Stats. Implemented:

Hist.: WRD 3-1985, f. & cert. ef. 3-28-85; WRD 23-1990, f. & cert. ef. 12-14-90; Administrative Renumbering 1-1993, Renumbered from 690-080-0120; WRD 2-2009, f. 6-18-09, cert. ef.

7-1-09

SURFACE WATER AVAILABILITY REPORT

Application

A WAB does not exist for the POD location proposed by the attached application. Please make a determination of surface water availability by answering the questions below. If the source is a well, it has been determined to have the potential for substantial interference with surface water, therefore surface water availability must be considered.

1. Based on your observations, is there enough water available to satisfy the proposed use plus the consumption portion of all relevant rights of record at an 80 percent exceedance probability during the full season requested?

Yes _____ No _____ Don't know X

2. If a permit is issued, what conditions would you recommend from the following list?

b51a The period of use has been limited to March 1 through October 31 .

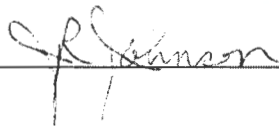
b57 Before water use may begin under this permit, a totalizing flow meter must be installed at each diversion point. The totalizing flow meter must be installed and maintained as identified in OAR 690-507-645.

b58 Before water use may begin under this permit, a staff gage that measures the entire range and stage between full reservoir level dead pool storage must be installed in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I. Additionally, before water use may begin under this permit, if the reservoir is located in channel then weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, a gated valve outlet must be installed. A written waiver may be obtained from the local Watermaster if in his judgement the installation of the weir(s) will provide no public benefit.

b1v Water must be diverted to a trough or tank through an enclosed water delivery system. The delivery system must be equipped with an automatic shutoff or limiting flow control mechanism or include a means for returning water to the stream source through an enclosed delivery system. The use of water shall not exceed 0.10 cubic feet per second per 1000 head of livestock.

3. Comments I'm recommending conditions b51a and b57.

Signature



Date

11 Feb 13

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date 10/10/2019
 FROM: Groundwater Section Phillip I. Marcy
 Reviewer's Name
 SUBJECT: Application G- 17592 Supersedes review of April 15, 2019
 Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525.* Department staff review groundwater applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation.**

A. GENERAL INFORMATION: Applicant's Name: Golden Rule Farms, Inc. County: Harney

- A1. Applicant(s) seek(s) 15.9 cfs from 8 well(s) in the Malheur Basin,
S. Fork Malheur River subbasin
- A2. Proposed use Irrigation (952 acres) Seasonality: March 1 to October 31 (245 days)
- A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	Proposed	Briggs 10	Alluvium/Volcanics	2.67	27S/34E-20 SE-SE	660'N, 660'W fr SE cor S 20
2	Proposed	Briggs 11	Alluvium/Volcanics	2.67	27S/34E-20 SW-NE	2640'N, 1930'W fr SE cor, S 20
3	Proposed	Briggs 12	Alluvium/Volcanics	2.67	27S/34E-20 NW-NW	1320'S, 1320'E fr NW cor, S 20
4	Proposed	Briggs 13	Alluvium/Volcanics	2.67	27S/34E-19 NE-NE	1310'S, 1310'W fr NE cor, S 19
5	Proposed	Briggs 14	Alluvium/Volcanics	2.67	27S/34E-17 SW-SW	770'N, 135'E fr SW cor S 17
6	Proposed	Briggs 15	Alluvium/Volcanics	2.67	27S/34E-17 SW-NW	2600'S, 30'E fr NW cor S 17
7	Proposed	Briggs 16	Alluvium/Volcanics	2.67	27S/34E-18 NW-SE	1320'N, 2630'W fr SE cor, S 18
8	Proposed	Briggs 17	Alluvium/Volcanics	2.67	27S/34E-19 SE-NW	1400'S, 1075'E fr NW cor S19

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	4272	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
2	4271	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
3	4277	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
4	4304	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
5	4293	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
6	4302	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
7	4392	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
8	4348	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA

Use data from application for proposed wells.

A4. **Comments:** This re-review addresses requested changes to previously reviewed application G-17592. The applicant requested to limit proposed POA locations to those within the Malheur River administrative basin (removing those in the Malheur Lake basin), a reduction in rate to 15.9 cfs, and primary irrigation of 952 acres. As stated in previous reviews (M. Zwart, 2013, 2014), wells producing from alluvium or basalt in this area are not considered separate sources, as there is no documented evidence of hydraulic separation between these horizons. Therefore, despite a lack of proposed well construction, all POA wells on this application shall be considered to produce from the greater regional flow system. HARN 52517, drilled in 2016 within 1,000 feet of the proposed location for "Briggs 10" provides insight into the regional hydrogeologic framework, and the reviewer assumes it was constructed for this proposed use. Within this 655' borehole, horizons of clay, sandstone, basalt, pumice, and white rock (tuff?) were encountered during drilling, with no change in static elevation observed from where groundwater was first encountered at 172'.

A5. **Provisions of the** Malheur Basin rules relative to the development, classification and/or management of groundwater hydraulically connected to surface water are, or are not, activated by this application. (Not all basin rules contain such provisions.)
 Comments: _____

A6. **Well(s) #** _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: _____
Comments: _____

B. GROUNDWATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. **Based upon available data**, I have determined that groundwater* for the proposed use:

- a. is over appropriated, is not over appropriated, or **cannot be determined to be** over appropriated during any period of the proposed use. * This finding is limited to the groundwater portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. **will not** or **will** likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the groundwater portion of the injury determination as prescribed in OAR 690-310-130;
- c. **will not** or **will** likely to be available within the capacity of the groundwater resource; or
- d. **will, if properly conditioned**, avoid injury to existing groundwater rights or to the groundwater resource:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should be conditioned as indicated in item 2 below.
 - iii. The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. **Condition** to allow groundwater production from no deeper than _____ ft. below land surface;
- b. **Condition** to allow groundwater production from no shallower than _____ ft. below land surface;
- c. **Condition** to 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. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundwater Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. **Groundwater availability remarks:** The proposed POA locations on this application are within the Malheur administrative basin, however, all are between 0.5 and 2.5 miles from the Malheur Lake administrative basin and Greater Harney Valley Groundwater Area of Concern (GHVGAC) boundary. This is noteworthy not only because of significant, persistent groundwater declines within the GHVGAC and in neighboring areas, but also because of the similarities in the hydrogeologic setting. Additionally, evaluation of available water level data demonstrates that the surface water divide here does not serve as a groundwater divide, that the proposed wells are a part of the same groundwater flow system as portions of the GHVGAC, and that groundwater flows north- northeast through this area into Virginia Valley.

The hydrograph for wells in the area surrounding the proposed POA locations under G-17592 (see attached) displays general declines in groundwater elevations (locations on attached map). The steepest declines shown here are observed in the Virginia Valley immediately to the north. Declines are less severe in wells within the same WAB as the proposed POA wells, but are noteworthy because there are currently no active groundwater rights within its boundaries. This suggests, for one, that groundwater pumping has had impacts across basin boundaries and for two, that significantly increasing the burden of pumping on the aquifer system locally would likely lead to steeper declines within this WAB, and exacerbate further the declines observed in the Virginia Valley.

Issuance of a permit for the very significant amounts proposed here will likely result in water-level declines at the proposed wells that would exceed the limits set forth in permit condition 7N, which is typically recommended. Additionally, junior groundwater rights near the proposed POA locations have decline conditions that would be triggered earlier if the proposed additional use was approved.

C. GROUNDWATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
All	Alluvium and valley-fill sediments and/or underlying, overlying or interbedded basalt, volcanic, sedimentary and volcanoclastic rocks.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: The application proposes minimal casing and seal depth for all proposed wells. Therefore, the wells will very likely develop an unconfined aquifer where available.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: No perennial surface waters are located within several miles of the proposed POA locations. The nearby creek is mapped as intermittent and is ephemeral within Adobe Flat, a small closed basin. It is not "tributary" in the usual sense to the South Fork Malheur River and I am therefore not considering it to be a surface water source for this review.

Water Availability Basin the well(s) are located within: S FK MALHEUR R > MALHEUR R - AB INDIAN CR

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells.** Otherwise same evaluation and limitations apply as in C3a above.

	SW #		Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
			<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
			<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
			<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
			<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Comments: This section does not apply.

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: This section does not apply.

C4b. **690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.**

C5. **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or groundwater use under this permit can be regulated if it is found to substantially interfere with surface water:
i. The permit should contain condition #(s) _____;
ii. The permit should contain special condition(s) as indicated in "Remarks" below;

C6. **SW / GW Remarks and Conditions:**

If a permit is issued, the following conditions are recommended:

Special Permit Condition:

The permittee shall construct one (1) minimum six-inch diameter observation well to penetrate the same aquifer as the production wells. The well shall meet the Department's minimum well construction standards and shall be drilled, cased and sealed to the same depth as the production wells. The well shall be constructed at a location approved by the Department for the purpose of instrumentation with continuous water-level monitoring equipment. The landowner or permittee shall provide access to Department staff to install and maintain the monitoring equipment. The well shall not be used for any other purpose while the Department is monitoring water levels. The well shall be completed prior to water use under the terms of any permit issued.

7B: Interference Condition

7F: Proposed Well location Condition

7N: Annual Measurement and Decline Condition

7P: Well Tag Condition

7T: Dedicated Measuring Tube Condition for all POA wells

Flow meter condition: Use the water rights "large" permit condition requiring a totalizing flow meter and reporting

7K: The proposed wells shall each be constructed to develop groundwater from either the predominantly basin fill unit or the underlying predominantly volcanic/basalt bedrock unit, but not both.

If the wells are to develop groundwater from the predominantly volcanic/basalt bedrock unit, the wells shall be continuously cased and continuously sealed a minimum of five (5) feet into the predominantly volcanic/basalt bedrock beneath the predominantly basin fill unit. The wells may not be completed in such a manner that they allow ground water to be developed from the overlying basin fill. If during well construction, it becomes apparent that the wells can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, requested modification will not be approved. The new well depth and construction specifications will be incorporated into any certificate issued for this permit.

If the wells are to develop groundwater from the predominantly basin fill unit, they may not be completed in such a manner that they allow groundwater to be developed from the underlying predominantly volcanic/basalt bedrock unit. If, during the course of drilling, the well penetrates through the predominantly basin fill unit into the predominantly volcanic/basalt bedrock unit, the lower part of the well below the basin fill shall be properly abandoned (sealed).

References Used:

Greene, Walker, and Corcoran, 1972, Geologic Map of the Burns Quadrangle, Oregon, USGS Miscellaneous Geologic Investigations Map I-680

Original Groundwater Reviews for application G-17592 (Zwart, 2013, 2014)

Local well logs, OWRD GWIS groundwater database.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

D2. **THE WELL does not appear to meet current well construction standards based upon:**

- a. review of the well log;
- b. field inspection by _____;
- c. report of CWRE _____;
- d. other: (specify) _____

D3. **THE WELL construction deficiency or other comment is described as follows:** _____

D4. Route to the Well Construction and Compliance Section for a review of existing well construction.

Water Availability Tables

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION						
Watershed ID #: 31011633 Time: 11:03 AM		S FK MALHEUR R > MALHEUR R - AB INDIAN CR Basin: MALHEUR			Exceedance Level: 80 Date: 04/15/2019	
Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirements	Net water Available
Monthly values are in cfs. storage is the annual amount at 50% exceedance in ac-ft.						
JAN	0.75	0.02	0.73	0.00	0.00	0.73
FEB	1.64	0.07	1.57	0.00	0.00	1.57
MAR	3.62	0.15	3.47	0.00	0.00	3.47
APR	5.49	0.14	5.35	0.00	0.00	5.35
MAY	4.40	0.07	4.33	0.00	0.00	4.33
JUN	3.84	0.06	3.78	0.00	0.00	3.78
JUL	1.14	0.02	1.12	0.00	0.00	1.12
AUG	0.44	0.01	0.43	0.00	0.00	0.43
SEP	0.28	0.00	0.28	0.00	0.00	0.28
OCT	0.33	0.01	0.32	0.00	0.00	0.32
NOV	0.36	0.01	0.35	0.00	0.00	0.35
DEC	0.48	0.01	0.47	0.00	0.00	0.47
ANN	2,450	34	2,420	0	0	2,420

Well Location Map

Water Right POAs

- Drain
- Ditch
- Lake
- Reservoir
- Sewage Effluent
- Slough
- Sump
- Spring
- Stream
- Well
- Water Runoff
- Waste Water

GW Sites

- SPRG
- WELL
- Proposed POA locations

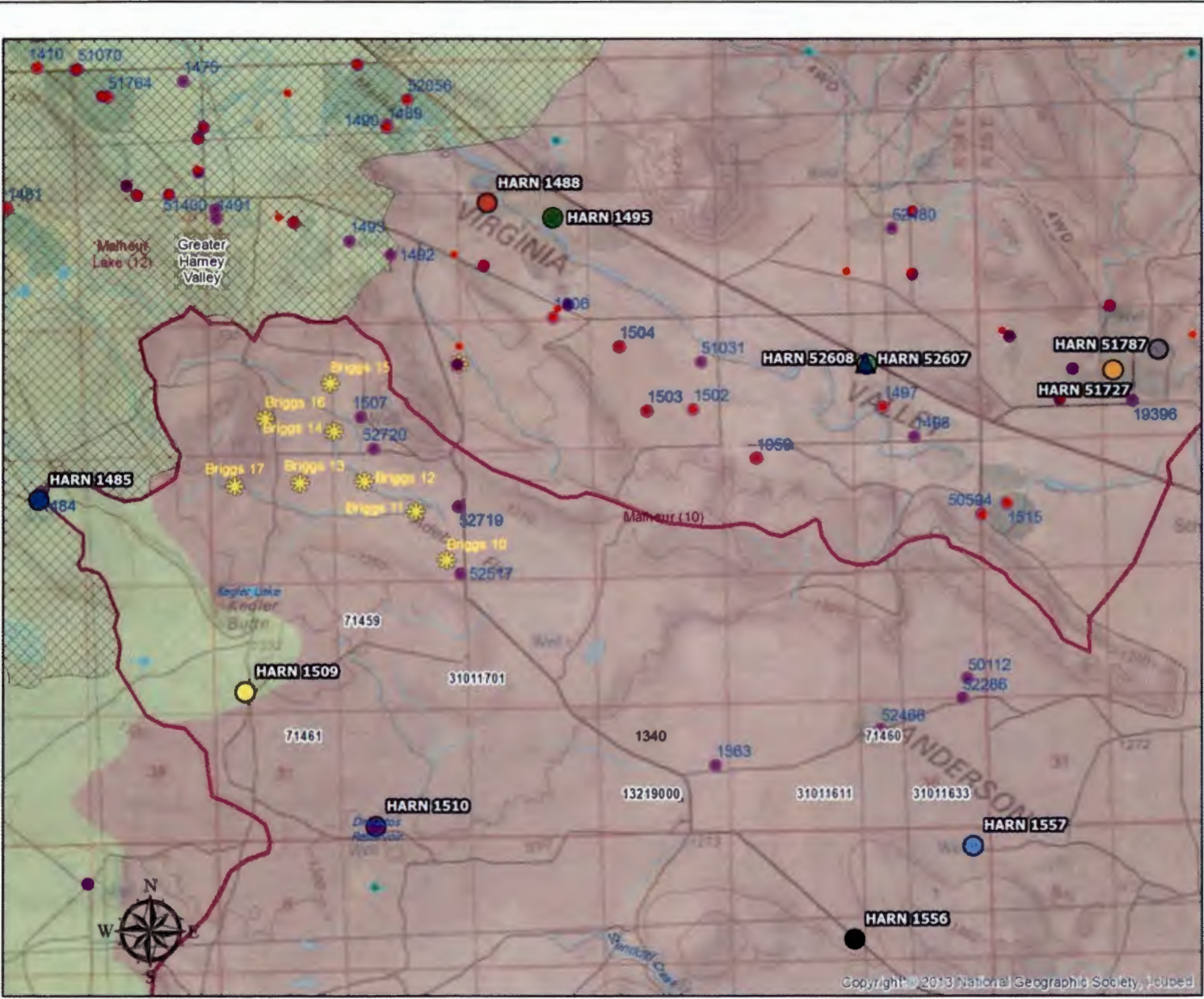
Restricted areas

- ▨ Classified

OWRD basins

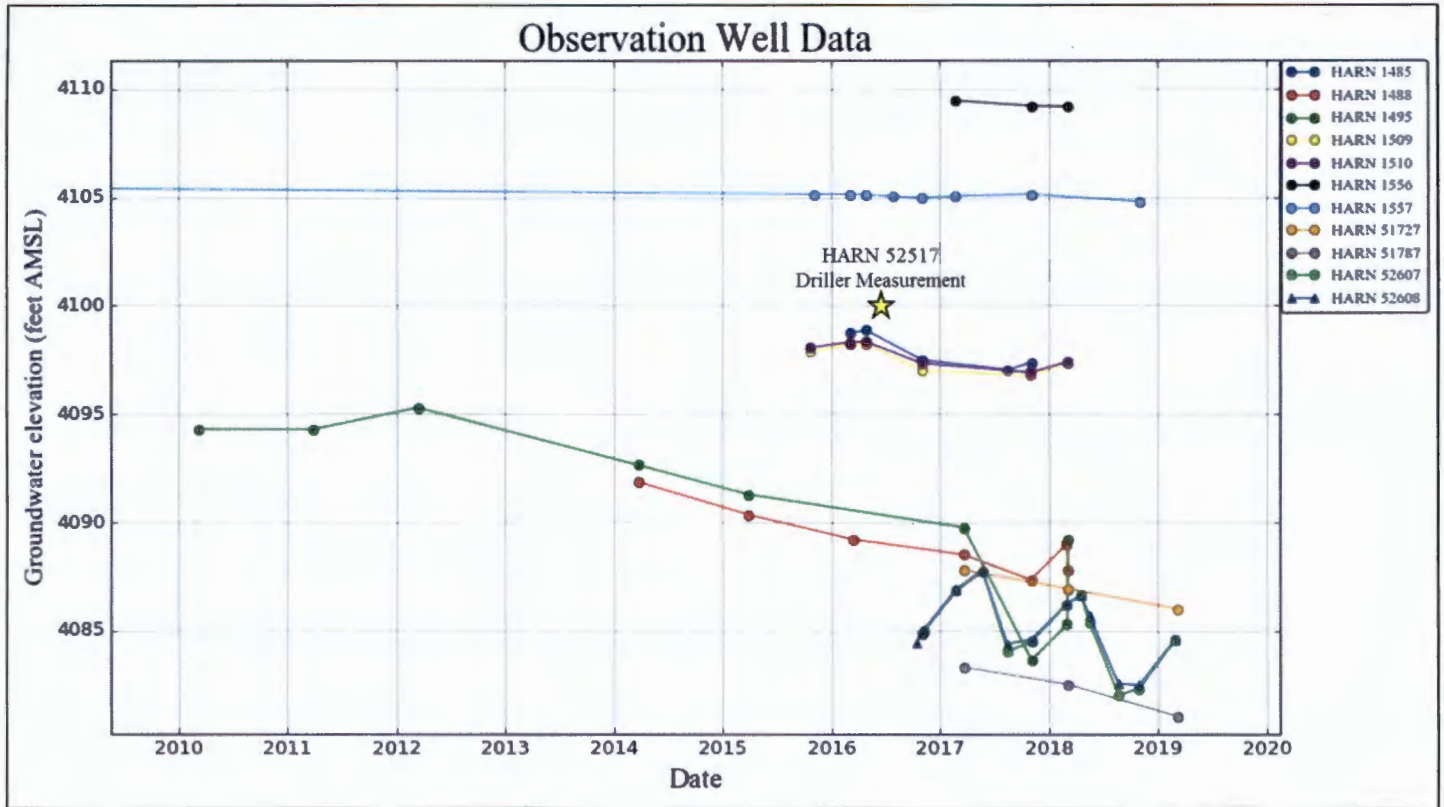
- Malheur
- Malheur Lake

WAB Boundary



0 0.375 0.75 1.5 2.25 3 Miles 1:63,000

Water-Level Trends in Nearby Wells



The hydrograph for wells in the area surrounding the proposed POA locations under G-17592 displays general declines in groundwater elevations (locations on map above). The steepest declines here are observed in the Virginia Valley to the north, where significant quantities of groundwater have been allocated. Declines are less severe in wells within the same WAB as the proposed POA wells (HARN 1485, HARN 1509, HARN 1510), but are noteworthy because there are currently no active groundwater rights within its boundaries.

Groundwater Application Review Summary Form

Application # G- 17592

GW Reviewer Phil Marcy Date Review Completed: 4/15/2019
*superseded
by 10/10/2019
rw*

Summary of GW Availability and Injury Review:

Groundwater for the proposed use is either over appropriated, will not likely be available in the amounts requested without injury to prior water rights, OR will not likely be available within the capacity of the groundwater resource per Section B of the attached review form.

Summary of Potential for Substantial Interference Review:

There is the potential for substantial interference per Section C of the attached review form.

Summary of Well Construction Assessment:

The well does not appear to meet current well construction standards per Section D of the attached review form. Route through Well Construction and Compliance Section.

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations and for conditions that may be necessary for a permit (if one is issued).

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date 04/15/2019
 FROM: Groundwater Section Phillip I. Marcy
 Reviewer's Name
 SUBJECT: Application G- 17592 Supersedes review of February 28, 2014
 Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525.* Department staff review groundwater applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation.**

A. GENERAL INFORMATION: Applicant's Name: Golden Rule Farms, Inc. County: Harney

A1. Applicant(s) seek(s) 15.9 cfs from 8 well(s) in the Malheur Basin,
S. Fork Malheur River subbasin

A2. Proposed use Irrigation (952 acres) Seasonality: March 1 to October 31 (245 days)

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	Proposed	Briggs 10	Alluvium/Volcanics	2.67	27S/34E-20 SE-SE	660'N, 660'W fr SE cor S 20
2	Proposed	Briggs 11	Alluvium/Volcanics	2.67	27S/34E-20 SW-NE	2640'N, 1930'W fr SE cor, S 20
3	Proposed	Briggs 12	Alluvium/Volcanics	2.67	27S/34E-20 NW-NW	1320'S, 1320'E fr NW cor, S 20
4	Proposed	Briggs 13	Alluvium/Volcanics	2.67	27S/34E-19 NE-NE	1310'S, 1310'W fr NE cor, S 19
5	Proposed	Briggs 14	Alluvium/Volcanics	2.67	27S/34E-17 SW-SW	770'N, 135'E fr SW cor S 17
6	Proposed	Briggs 15	Alluvium/Volcanics	2.67	27S/34E-17 SW-NW	2600'S, 30'E fr NW cor S 17
7	Proposed	Briggs 16	Alluvium/Volcanics	2.67	27S/34E-18 NW-SE	1320'N, 2630'W fr SE cor, S 18
8	Proposed	Briggs 17	Alluvium/Volcanics	2.67	27S/34E-19 SE-NW	1400'S, 1075'E fr NW cor S19

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	4272	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
2	4271	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
3	4277	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
4	4304	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
5	4293	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
6	4302	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
7	4392	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA
8	4348	NA	NA	NA	TBD	TBD	TBD	TBD	TBD	NA	NA	NA

Use data from application for proposed wells.

A4. **Comments:** This re-review addresses requested changes to previously reviewed application G-17592. The applicant requested to limit proposed POA locations to those within the Malheur River administrative basin (removing those in the Malheur Lake basin), a reduction in rate to 15.9 cfs, and primary irrigation of 952 acres. As stated in previous reviews (M. Zwart, 2013, 2014), wells producing from alluvium or basalt in this area are not considered separate sources, as there is no documented evidence of hydraulic separation between these horizons. Therefore, despite a lack of proposed well construction, all POA wells on this application shall be considered to produce from the greater regional flow system. HARN 52517, drilled in 2016 within 1,000 feet of the proposed location for "Briggs 10" provides insight into the regional hydrogeologic framework, and the reviewer assumes it was constructed for this proposed use. Within this 655' borehole, horizons of clay, sandstone, basalt, pumice, and white rock (tuff?) were encountered during drilling, with no change in static elevation observed from where groundwater was first encountered at 172'.

A5. **Provisions of the Malheur** Basin rules relative to the development, classification and/or management of groundwater hydraulically connected to surface water are, or are not, activated by this application. (Not all basin rules contain such provisions.)

Comments: _____

A6. **Well(s) #** _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: _____
Comments: _____

B. GROUNDWATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. Based upon available data, I have determined that groundwater* for the proposed use:

- a. is over appropriated, is not over appropriated, or cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the groundwater portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. will not or will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the groundwater portion of the injury determination as prescribed in OAR 690-310-130;
- c. will not or will likely to be available within the capacity of the groundwater resource; or
- d. will, if properly conditioned, avoid injury to existing groundwater rights or to the groundwater resource:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should be conditioned as indicated in item 2 below.
 - iii. The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. Condition to allow groundwater production from no deeper than _____ ft. below land surface;
- b. Condition to allow groundwater production from no shallower than _____ ft. below land surface;
- c. Condition to 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. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundwater Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. **Groundwater availability remarks:** The proposed POA locations on this application are within the Malheur River administrative basin, however all are between 0.5 and 2.5 miles from the Greater Harney Valley boundary. This is noteworthy not only because of significant, persistent groundwater declines due to significant allocations in the neighboring areas, but also because of the great similarities in the hydrogeologic setting.

The hydrograph for wells in the area surrounding the proposed POA locations under G-17592 (see attached) displays general declines in groundwater elevations (locations on attached map). The steepest declines shown here are observed in the Virginia Valley immediately to the north, where significant quantities of groundwater have been allocated (33.7 cfs above Malheur Gap). Declines are less severe in wells within the same WAB as the proposed POA wells, but are noteworthy because there are currently no active groundwater rights within its boundaries. This suggests, for one, that groundwater pumping has had impacts across drainage basin boundaries and for two, that significantly increasing the burden of pumping on the local aquifer system would likely lead to steeper declines within this WAB, and exacerbate further the declines observed in the Virginia and Greater Harney Valleys.

Issuance of a permit for the very significant amounts proposed here will likely result in water-level declines at the proposed wells that would exceed the limits set forth in permit condition 7N, which is typically recommended.

C. GROUNDWATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
All	Alluvium and valley-fill sediments and/or underlying, overlying or interbedded basalt, volcanic, sedimentary and volcanoclastic rocks.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: The application proposes minimal casing and seal depth for all proposed wells. Therefore, the wells will very likely develop an unconfined aquifer where available.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: No perennial surface waters are located within several miles of the proposed POA locations. The nearby creek is mapped as intermittent and is ephemeral within Adobe Flat, a small closed basin. It is not "tributary" in the usual sense to the South Fork Malheur River and I am therefore not considering it to be a surface water source for this review.

Water Availability Basin the well(s) are located within: S FK MALHEUR R > MALHEUR R - AB INDIAN CR

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: This section does not apply.

C4b. **690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.**

- C5. **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or groundwater use under this permit can be regulated if it is found to substantially interfere with surface water:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;

C6. **SW / GW Remarks and Conditions:** _____

If a permit is issued, the following conditions are recommended:

Special Permit Condition:

The permittee shall construct one (1) minimum six-inch diameter observation well to penetrate the same aquifer as the production wells. The well shall meet the Department's minimum well construction standards and shall be drilled, cased and sealed to the same depth as the production wells. The well shall be constructed at a location approved by the Department for the purpose of instrumentation with continuous water-level monitoring equipment. The landowner or permittee shall provide access to Department staff to install and maintain the monitoring equipment. The well shall not be used for any other purpose while the Department is monitoring water levels. The well shall be completed prior to water use under the terms of any permit issued.

7B: Interference Condition

7F: Proposed Well location Condition

7N: Annual Measurement and Decline Condition

7P: Well Tag Condition

7T: Dedicated Measuring Tube Condition for all POA wells

Flow meter condition: Use the water rights "large" permit condition requiring a totalizing flow meter and reporting

7K: The proposed wells shall each be constructed to develop groundwater from either the predominantly basin fill unit or the underlying predominantly volcanic/basalt bedrock unit, but not both.

If the wells are to develop groundwater from the predominantly volcanic/basalt bedrock unit, the wells shall be continuously cased and continuously sealed a minimum of five (5) feet into the predominantly volcanic/basalt bedrock beneath the predominantly basin fill unit. The wells may not be completed in such a manner that they allow ground water to be developed from the overlying basin fill. If during well construction, it becomes apparent that the wells can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, requested modification will not be approved. The new well depth and construction specifications will be incorporated into any certificate issued for this permit.

If the wells are to develop groundwater from the predominantly basin fill unit, they may not be completed in such a manner that they allow groundwater to be developed from the underlying predominantly volcanic/basalt bedrock unit. If, during the course of drilling, the well penetrates through the predominantly basin fill unit into the predominantly volcanic/basalt bedrock unit, the lower part of the well below the basin fill shall be properly abandoned (sealed).

References Used:

Greene, Walker, and Corcoran, 1972, Geologic Map of the Burns Quadrangle, Oregon, USGS Miscellaneous Geologic Investigations Map I-680

Original Groundwater Reviews for application G-17592 (Zwart, 2013, 2014)

Local well logs, OWRD GWIS groundwater database.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

D2. **THE WELL does not appear to meet current well construction standards based upon:**

- a. review of the well log;
- b. field inspection by _____;
- c. report of CWRE _____;
- d. other: (specify) _____

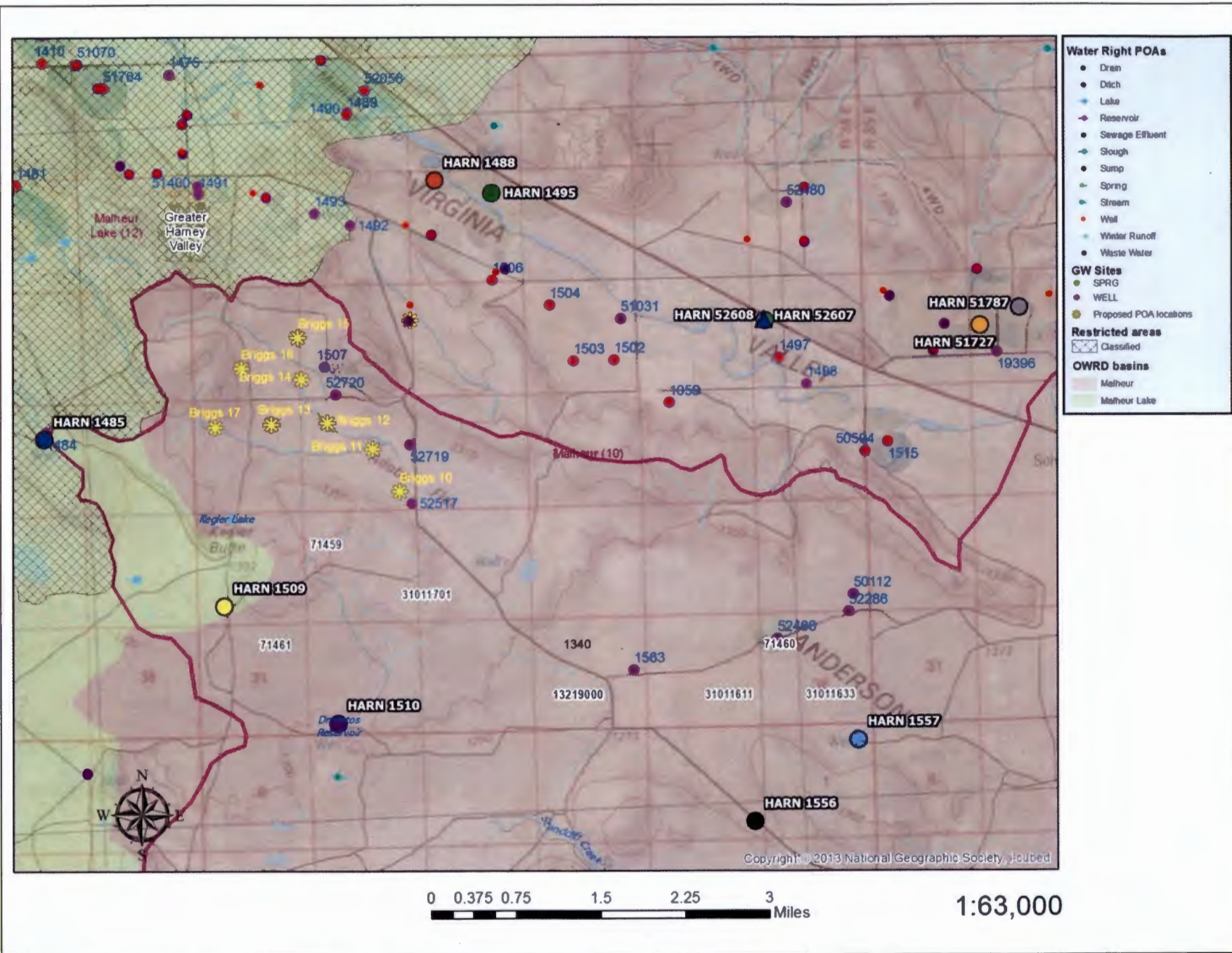
D3. **THE WELL construction deficiency or other comment is described as follows:** _____

D4. **Route to the Well Construction and Compliance Section for a review of existing well construction.**

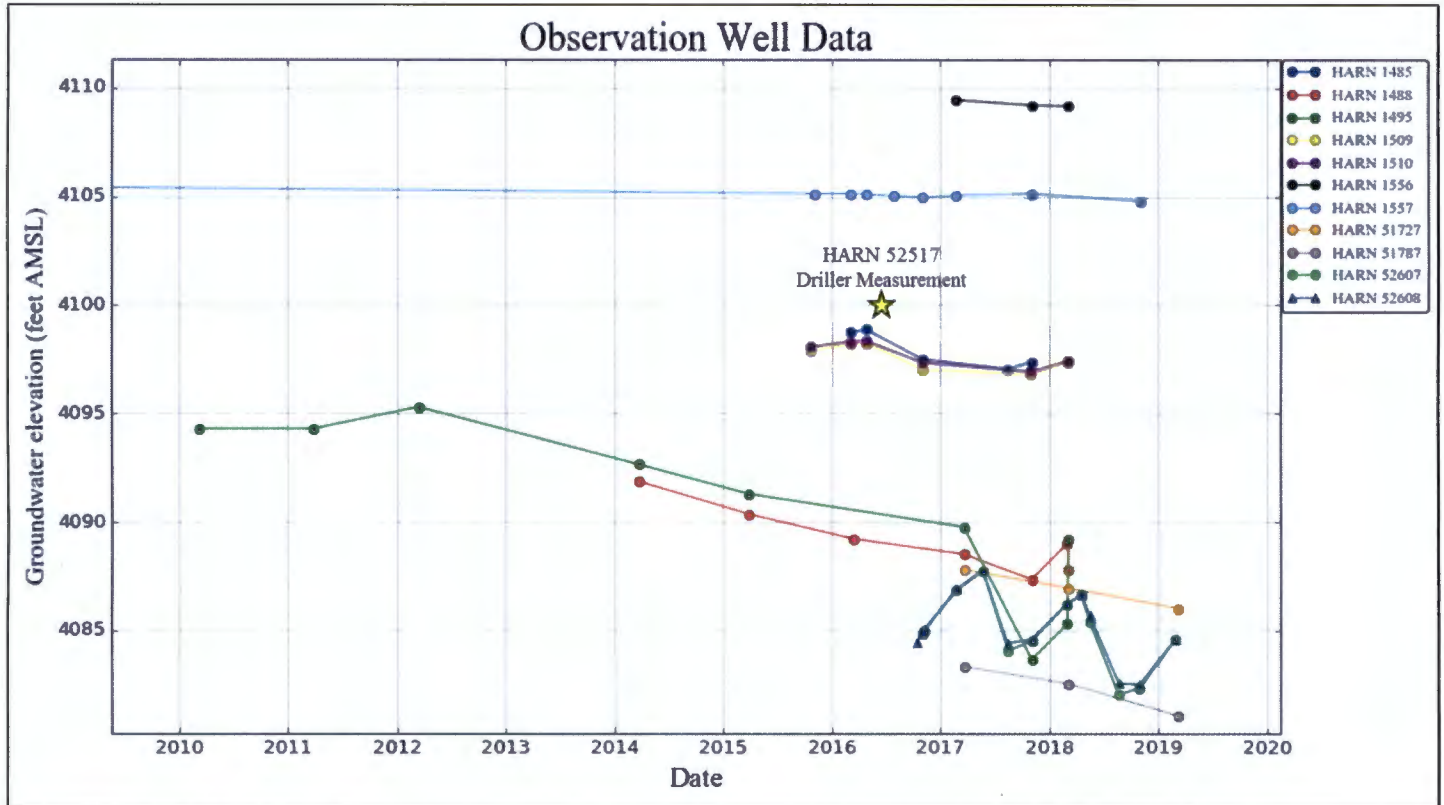
Water Availability Tables

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION						
Watershed ID #: 31011633 Time: 11:03 AM		S FK MALHEUR R > MALHEUR R - AB INDIAN CR Basin: MALHEUR			Exceedance Level: 80 Date: 04/15/2019	
Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirements	Net water Available
Monthly values are in cfs. Storage is the annual amount at 50% exceedance in ac-ft.						
JAN	0.75	0.02	0.73	0.00	0.00	0.73
FEB	1.64	0.07	1.57	0.00	0.00	1.57
MAR	3.62	0.15	3.47	0.00	0.00	3.47
APR	5.49	0.14	5.35	0.00	0.00	5.35
MAY	4.40	0.07	4.33	0.00	0.00	4.33
JUN	3.84	0.06	3.78	0.00	0.00	3.78
JUL	1.14	0.02	1.12	0.00	0.00	1.12
AUG	0.44	0.01	0.43	0.00	0.00	0.43
SEP	0.28	0.00	0.28	0.00	0.00	0.28
OCT	0.33	0.01	0.32	0.00	0.00	0.32
NOV	0.36	0.01	0.35	0.00	0.00	0.35
DEC	0.48	0.01	0.47	0.00	0.00	0.47
ANN	2,450	34	2,420	0	0	2,420

Well Location Map



Water-Level Trends in Nearby Wells



The hydrograph for wells in the area surrounding the proposed POA locations under G-17592 displays general declines in groundwater elevations (locations on map above). The steepest declines here are observed in the Virginia Valley to the north, where significant quantities of groundwater have been allocated (33.7 cfs above Malheur Gap). Declines are less severe in wells within the same WAB as the proposed POA wells, but are noteworthy because there are currently no active groundwater rights within its boundaries. This suggests, for one, that groundwater pumping has had impacts across drainage basin boundaries and for two, that significantly increasing the burden of pumping on the local aquifer system would likely lead to steeper declines within this WAB, and exacerbate further the declines observed in the Virginia and Greater Harney Valleys.

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date January 22, 2013

FROM: Ground Water/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G- 17592 Supersedes review of _____
Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation.*

A. GENERAL INFORMATION: Applicant's Name: Golden Rule Farms, Inc. County: Harney

- A1. Applicant(s) seek(s) 80.2 cfs from 30 well(s) in the Malheur Lake & Malheur Basin,
 Quad Map: New Princeton, Adobe Flat, Malheur Lake West, Malheur Lake East, Barton Lake, Jackass Butte NE
- A2. Proposed use: Irrigation, 4192.57 acres Seasonality: March 1 to October 31
- A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	Proposed	**	Alluv./Volcanics	2.6738	**	**
2						
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
All	**					0-18						

Use data from application for proposed wells.

A4. **Comments: **See the application maps and this review's maps for details regarding applicant's well numbers, locational information and estimated elevations. All wells are proposed to be constructed identically with minimal seal depth and no total depth specified. All are also proposed to be pumped at a rate of 1200 gallons per minute each (2.6738 cfs).**

A5. **Provisions of the Malheur Lake Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water are, or are not, activated by this application. (Not all basin rules contain such provisions.)**

Comments: _____

A6. **Well(s) # _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction. Name of administrative area: _____**

Comments: _____

B. GROUND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. Based upon available data, I have determined that ground water* for the proposed use:

- a. is over appropriated, is not over appropriated, or cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. will not or will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the ground water portion of the injury determination as prescribed in OAR 690-310-130;
- c. will not or will likely to be available within the capacity of the ground water resource; or
- d. will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should be conditioned as indicated in item 2 below.
 - iii. The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. Condition to allow ground water production from no deeper than _____ ft. below land surface;
- b. Condition to allow ground water production from no shallower than _____ ft. below land surface;
- c. Condition to allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. Ground water availability remarks: Other than being located in a different part of the Malheur Lake Basin and in a similar geologic setting within the Malheur Basin (Briggs wells 10-17), this application is similar to application G-17581, for which the same findings regarding groundwater availability have been made. The findings are based on water-level data being collected in the Weaver Springs area and in other parts of the Malheur Lake Basin which have disclosed groundwater level declines in areas that have experienced significant development of groundwater for irrigation. The Weaver Springs area is noteworthy because it is a local example of over-appropriation of the groundwater resource and it has a similar climate, underlying geology and recharge as the area here. Given the documented water-level declines in the basin and the fact that many permitted groundwater rights are yet to be developed, it appears likely that the declines will increase in time as these rights are more fully developed. Issuance of a permit for the very significant amounts proposed here will likely result in water-level declines at the proposed wells that would exceed the limits set forth in permit condition 7N, which is typically recommended. In addition, the use of the proposed wells would likely result in water-level declines and possibly also substantial interference at any nearby wells with senior rights.

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
All	Alluvium and valley-fill sediments and/or underlying interbedded volcanic, sedimentary and volcanoclastic rocks	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: The application proposes minimal casing and seal depth for all proposed wells. Therefore, the wells will very likely develop an unconfined aquifer where available.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
*	1	Malheur Lake			*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
**	2	Unnamed creek			**	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: *The application identifies seven proposed wells (Briggs 25, 26, 28, 30, 31, 32 & 33) within one mile of Malheur Lake (3170' to 4930'). These selected wells (25/33 below), at a minimum, may need to be cased and sealed to 100 feet, or more, to prevent hydraulic connection with the lake. **The eight wells in the Malheur Basin (Briggs 10-17) are within one mile of an unnamed creek (100' to 1600'). This creek appears to be intermittent and contained entirely within Adobe Flat, a small closed basin. It is not "tributary" in the usual sense to the South Fork Malheur River and I am therefore not considering it to be a surface water source for this review. Water Availability Basin the well(s) are located within: No WAB data for proposed wells in the Malheur Lake Basin; S. Fk. Malheur R > Malheur R ab Indian Cr (31011633) for proposed Briggs wells 10-17.

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Complete only if Q is distributed among wells. Otherwise same evaluation and limitations apply as in C3a above.

	SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
25/33	1	<input checked="" type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Comments: The total proposed appropriation is well over 5 cfs.

C4a. **690-09-040 (5):** Estimated impacts on hydraulically connected surface water sources greater than one mile as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: _____

C4b. **690-09-040 (5) (b)** The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

C5. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:
i. The permit should contain condition #(s) _____;
ii. The permit should contain special condition(s) as indicated in "Remarks" below;

C6. **SW / GW Remarks and Conditions** _____

References Used: Local well logs; local recent reviews; review of water level data collected at wells in the Weaver Springs area from 2009 to November 2012; GW Report 16, by Leonard, 1970; Greene, Walker, and Corcoran, 1972, Geologic Map of the Burns Quadrangle, Oregon, USGS Miscellaneous Geologic Investigations Map I-680; Harney Basin Groundwater Study, DRAFT Report by Aquaveo, LLC for the Harney County Watershed Council, November 2012; Memo by Ivan Gall, 1/15, 2008: Stream Assessment for Division 9 Review in the Malheur Lakes Basin.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

D2. **THE WELL 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) _____

D3. **THE WELL construction deficiency:**

- a. constitutes a health threat under Division 200 rules;
- b. commingles water from more than one ground water reservoir;
- c. permits the loss of artesian head;
- d. permits the de-watering of one or more ground water reservoirs;
- e. other: (specify) _____

D4. **THE WELL construction deficiency is described as follows:** _____

- D5. **THE WELL** a. was, or was not constructed according to the standards in effect at the time of original construction or most recent modification.
- b. I don't know if it met standards at the time of construction.

D6. **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

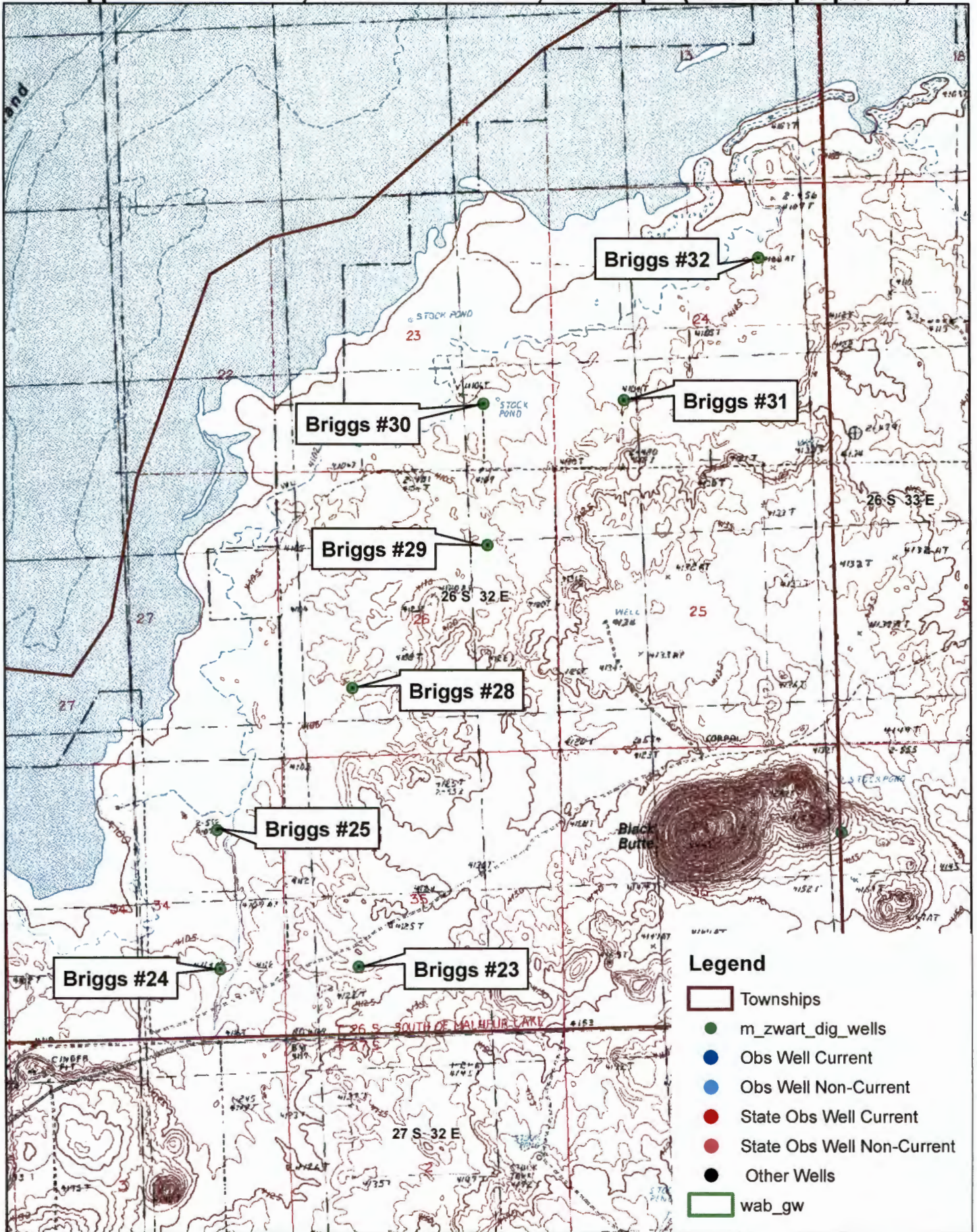
THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

D7. Well construction deficiency has been corrected by the following actions: _____

_____, 200_____
(Enforcement Section Signature)

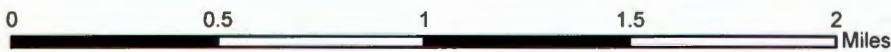
D8. **Route to Water Rights Section (attach well reconstruction logs to this page).**

Application G-17592, Golden Rule Farms, Inc - Map 1 (All wells proposed)

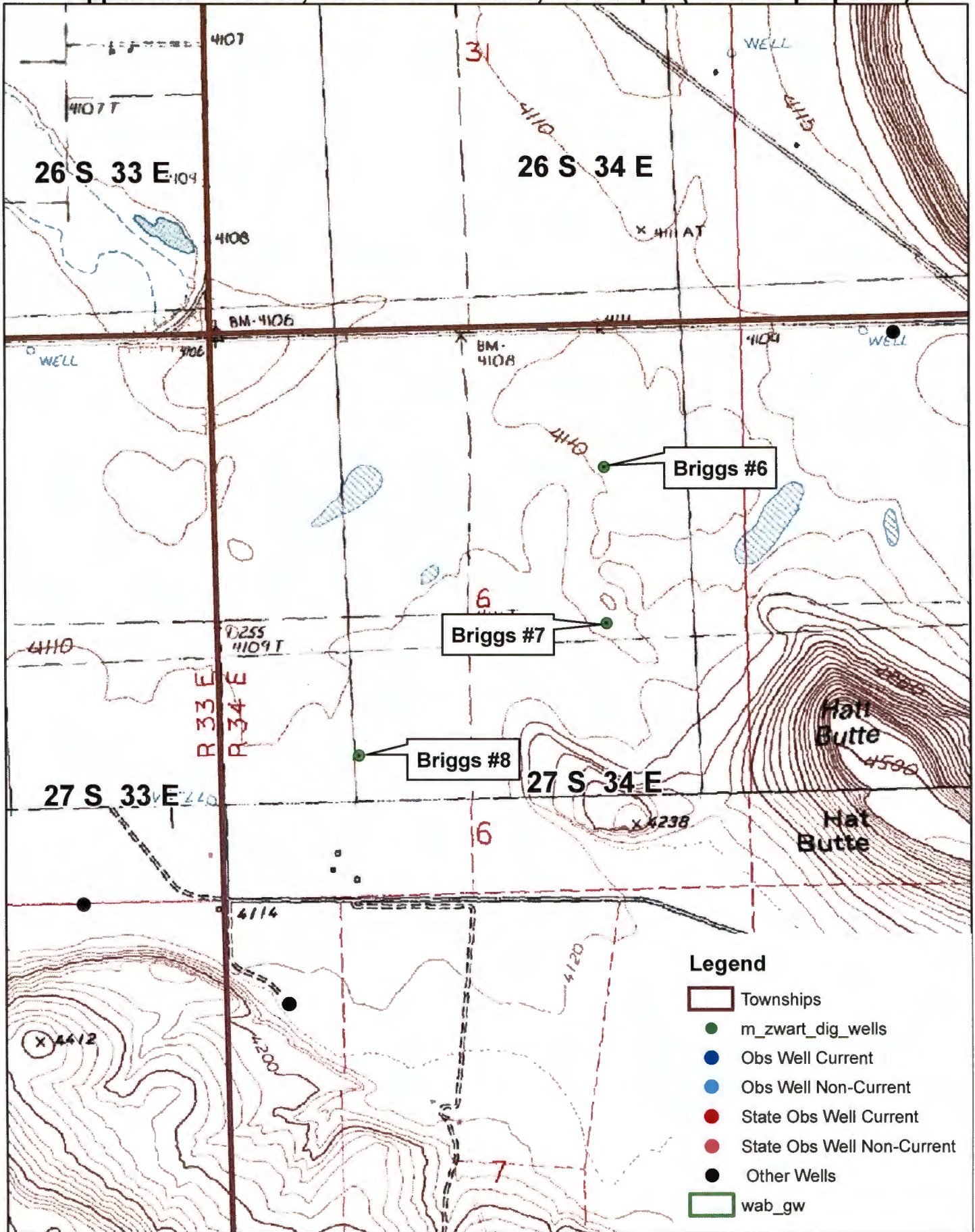


Legend

- Townships
- m_zwart_dig_wells
- Obs Well Current
- Obs Well Non-Current
- State Obs Well Current
- State Obs Well Non-Current
- Other Wells
- wab_gw

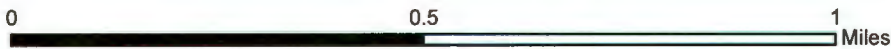


Application G-17592, Golden Rule Farms, Inc - Map 2 (All wells proposed)

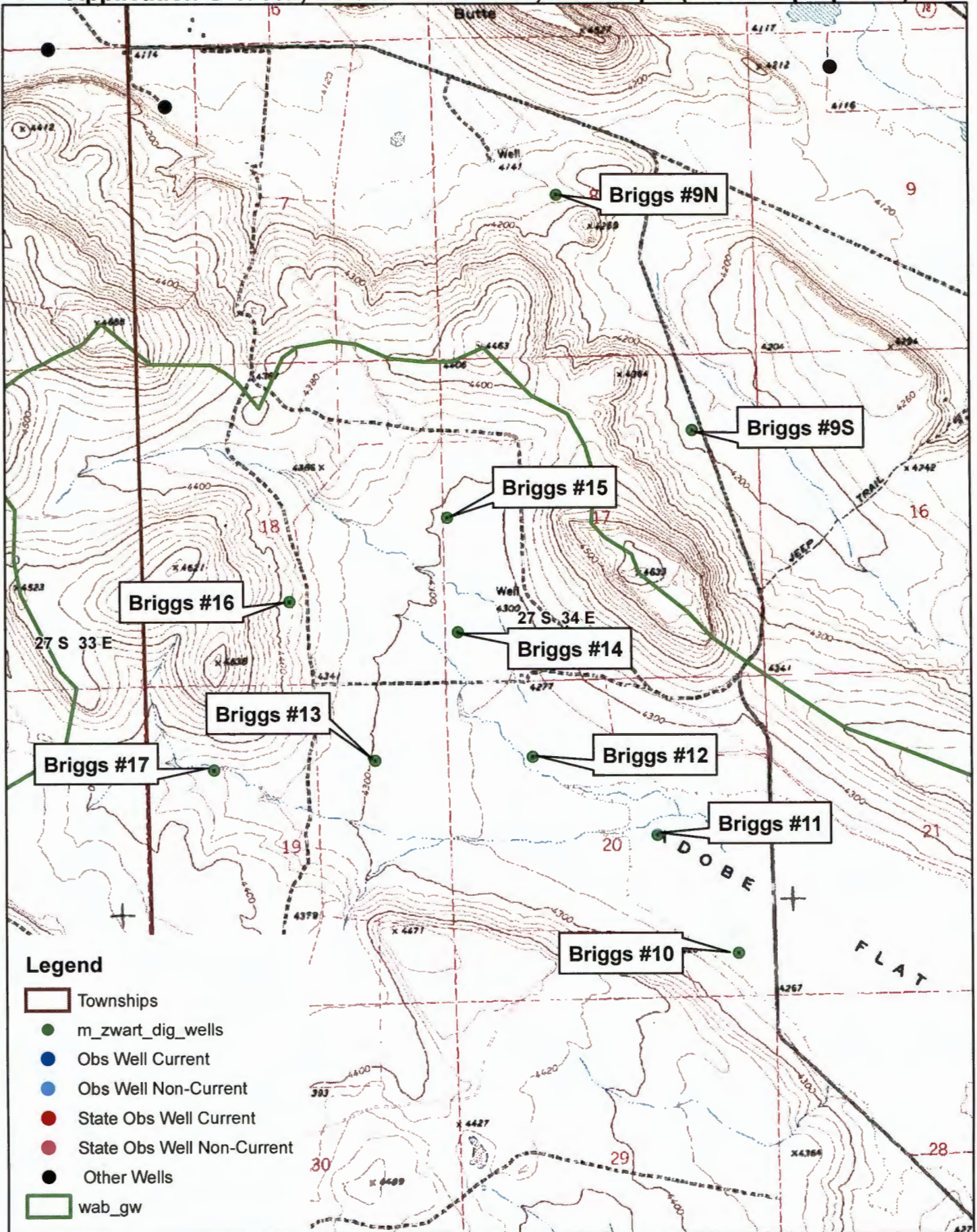


Legend

- Townships
- m_zwart_dig_wells
- Obs Well Current
- Obs Well Non-Current
- State Obs Well Current
- State Obs Well Non-Current
- Other Wells
- wab_gw



Application G-17592, Golden Rule Farms, Inc - Map 3 (All wells proposed)

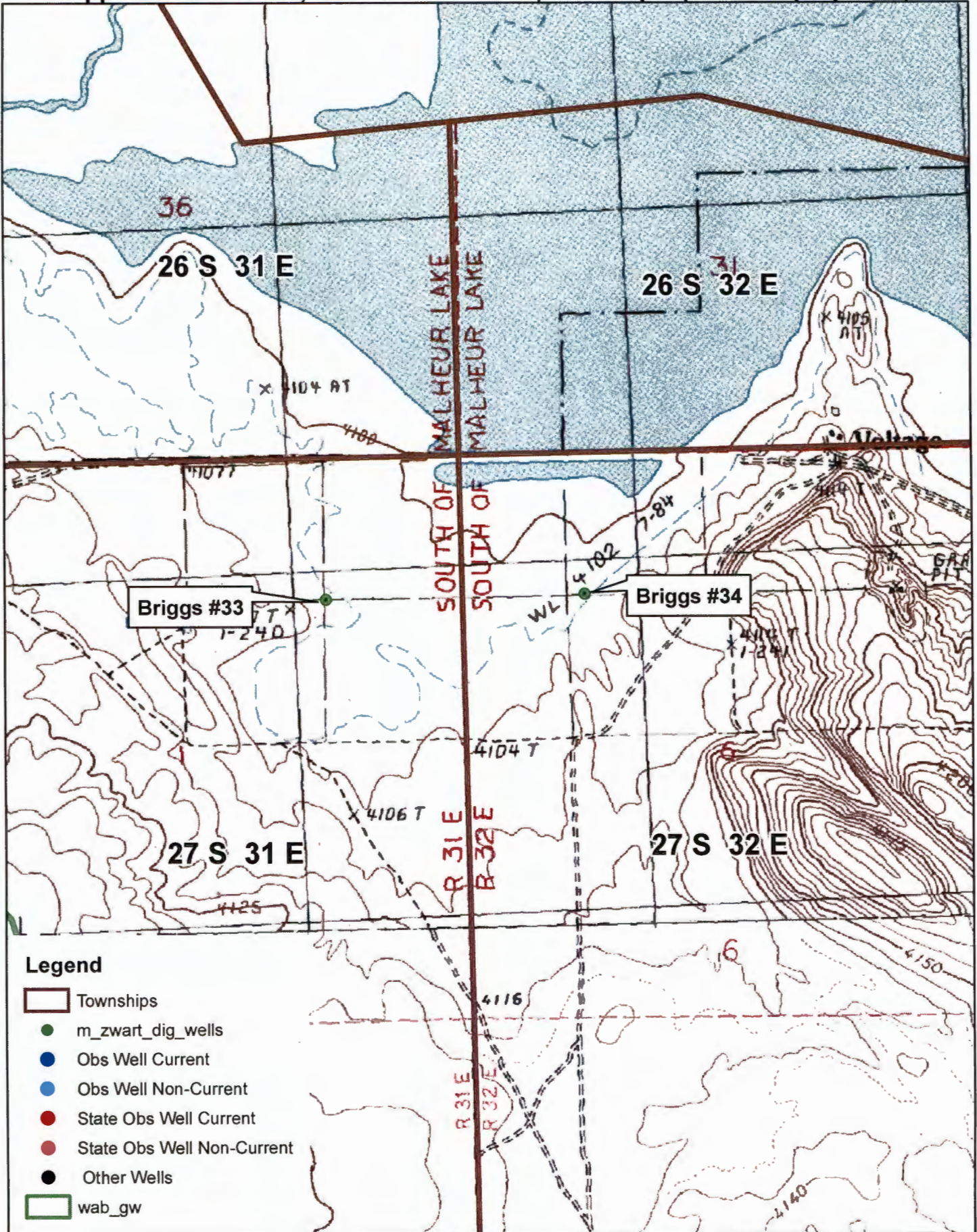


Legend

- Townships
- m_zwart_dig_wells
- Obs Well Current
- Obs Well Non-Current
- State Obs Well Current
- State Obs Well Non-Current
- Other Wells
- wab_gw

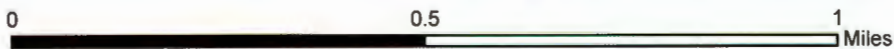


Application G-17592, Golden Rule Farms, Inc - Map 4 (All wells proposed)

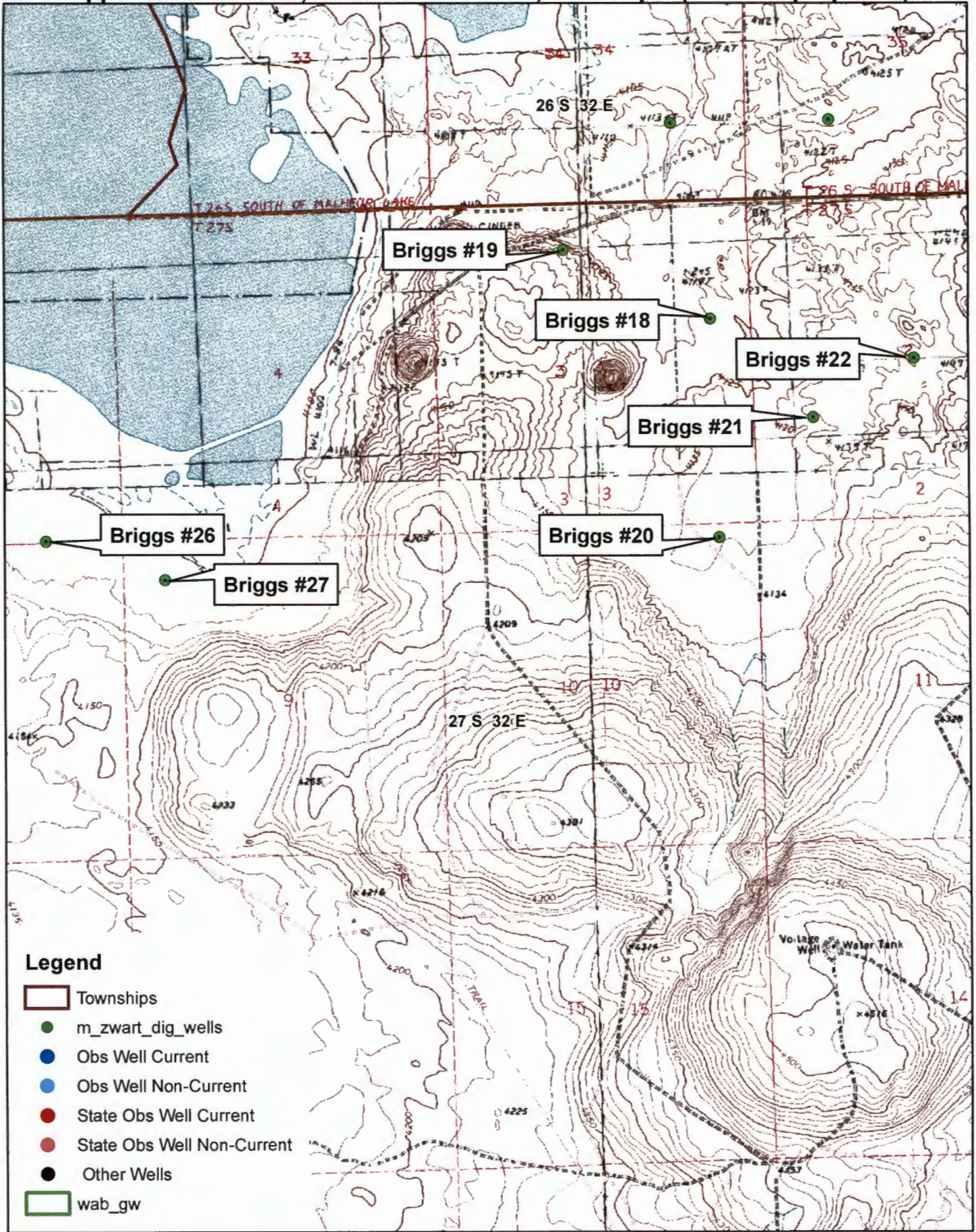


Legend

- Townships
- m_zwart_dig_wells
- Obs Well Current
- Obs Well Non-Current
- State Obs Well Current
- State Obs Well Non-Current
- Other Wells
- wab_gw



Application G-17592, Golden Rule Farms, Inc - Map 5 (All wells proposed)



PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date February 28, 2014
 FROM: Ground Water/Hydrology Section Michael Zwart
 Reviewer's Name
 SUBJECT: Application G- 17592 Supersedes review of January 22, 2013
 Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525.* Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation.**

A. GENERAL INFORMATION: Applicant's Name: Golden Rule Farms, Inc. County: Harney

A1. Applicant(s) seek(s) 64.7 cfs from 30 well(s) in the Malheur Lake & Malheur Basin,
 Quad Map: New Princeton, Adobe Flat, Malheur Lake West, Malheur Lake East, Barton Lake, Jackass Butte NE

A2. Proposed use: Irrigation, 4177.63 acres Seasonality: March 1 to October 31

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	Proposed	6-17	Alluv./Volcanics	**	**	**
2	Proposed	18-34	Basalt***	**	**	**
3	HARN 1471	20	cinders	4.94	27S/32E-10 NE-NE	1255' S, 70' W fr NE cor S 10
4	HARN 1461	33	Bas./cinders	0.3275	27S/31E-1 SW-NE	1562' S, 21' E fr N ¼ cor S 1
5	HARN 1460	34	cinders	1.4873	27S/32E-6 NE-NW	1280' S, 1' W fr N ¼ cor S 6

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
**	**					0-18						
3	4135	90	40	11/12/87	100	0-18	0-32	None	None	500		Air
4	4111	?	12.33	9/9/59	118	None	0-16	None	None	1400	9	P
5	4113	25	12	11/10/88	35	0-18	0-25	None	None	500		Air

Use data from application for proposed wells.

A4. **Comments: **See the application maps and/or this review's maps for details regarding applicant's well numbers, locational information, estimated elevations and proposed rates. All proposed wells are to be constructed identically with minimal seal depth and no total depth specified. ***The existing and proposed basalt wells (Briggs 18-34) will NOT develop a different source of groundwater than proposed Briggs wells 6-17. Where basalt rocks (Ob, Omv or Tdw) are mapped at or near land surface, there is no documented hydraulic separation with underlying rocks, such as sedimentary, volcanoclastic and volcanic rocks (Tst and Tsts). See HARN 51800, which was reviewed as part of G-17511. The static water level there did not change as different rock types were encountered below the basalt. Unless there is local evidence of hydraulic separation, the Department interprets the groundwater in much of the Malheur Lake Basin as being part of a single regional groundwater flow system. HARN 1461 (Briggs #33) reports no seal was placed, so this well fails to meet minimum construction standards.**

A5. **Provisions of the Malheur Lake** Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water are, or are not, activated by this application. (Not all basin rules contain such provisions.)
 Comments: _____

A6. **Well(s) #** _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
 Name of administrative area: _____
 Comments: _____

B. GROUND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. Based upon available data, I have determined that ground water* for the proposed use:

- a. is over appropriated, is not over appropriated, or cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. will not or will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the ground water portion of the injury determination as prescribed in OAR 690-310-130;
- c. will not or will likely to be available within the capacity of the ground water resource; or
- d. will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource:
 - i. The permit should contain condition #(s) 7N;
 - ii. The permit should be conditioned as indicated in item 2 below.
 - iii. The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. Condition to allow ground water production from no deeper than _____ ft. below land surface;
- b. Condition to allow ground water production from no shallower than _____ ft. below land surface;
- c. Condition to allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. Ground water availability remarks: Other than being located in a different part of the Malheur Lake Basin and in a similar geologic setting within the Malheur Basin (Briggs wells 10-17), this application is similar to application G-17581, for which the same findings regarding groundwater availability have been made. The findings are based on water-level data being collected in the Weaver Springs area and in other parts of the Malheur Lake Basin which have disclosed groundwater level declines in areas that have experienced significant development of groundwater for irrigation. The Weaver Springs area is noteworthy because it is a local example of over-appropriation of the groundwater resource and it has a similar climate, underlying geology and recharge as the area here. Given the documented water-level declines in the basin and the fact that many permitted groundwater rights are yet to be developed, it appears likely that the declines will increase in time as these rights are more fully developed. Issuance of a permit for the very significant amounts proposed here will likely result in water-level declines at the proposed wells that would exceed the limits set forth in permit condition 7N, which is typically recommended. In addition, the use of the proposed wells would likely result in water-level declines and possibly also substantial interference at any nearby wells with senior rights.

Special Permit Condition: The permittee shall construct four (4) minimum six-inch diameter observation wells to penetrate the same aquifer as the production wells. The wells shall meet the Department's minimum well construction standards and shall be cased and sealed to the same depth as the production wells. The wells shall be constructed at locations approved by the Department for the purpose of instrumentation with continuous water-level monitoring equipment. The landowner or permittee shall provide access to Department staff to install and maintain the monitoring equipment. The wells shall not be used for any other purpose while the Department is monitoring water levels. The wells shall be completed prior to water use under the terms of any permit issued.

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
All	Alluvium and valley-fill sediments and/or underlying, overlying or interbedded basalt, volcanic, sedimentary and volcanoclastic rocks.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: The application proposes minimal casing and seal depth for all proposed wells. Therefore, the wells will very likely develop an unconfined aquifer where available.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
*	1	Malheur Lake			*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: *The applicant identifies seven proposed wells (Briggs 25, 26, 28, 30, 31, 32 & 33) within one mile of Malheur Lake (3170' to 4930'). It appears likely that other proposed wells (e.g. Briggs 19, 24, 27 & 34) may be within one mile, but I am not able to make a positive finding due to uncertainty regarding the current lake elevation. These selected wells (25/33 below), at a minimum, may need to be cased and sealed deeper to prevent hydraulic connection with the lake. The eight wells in the Malheur Basin (Briggs 10-17) are within one mile of an unnamed creek (100' to 1600'). This creek appears to be intermittent and contained entirely within Adobe Flat, a small closed basin. It is not "tributary" in the usual sense to the South Fork Malheur River and I am therefore not considering it to be a surface water source for this review.

Water Availability Basin the well(s) are located within: No WAB data for proposed wells in the Malheur Lake Basin; S. Fk. Malheur R > Malheur R ab Indian Cr (31011633) for proposed Briggs wells 10-17.

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells.** Otherwise same evaluation and limitations apply as in C3a above.

	SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
25/33	1	<input checked="" type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Comments: The total proposed appropriation is well over 5 cfs. Since there is no WAB data for this part of the basin, this finding may be reversed if the total appropriation is reduced to 5.0 cfs or less.

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: _____

C4b. 690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

- C5. **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;

C6. SW / GW Remarks and Conditions _____

References Used: Local well logs; local recent reviews; review of water level data collected at wells in the Weaver Springs area from 2009 to November 2012; GW Report 16, by Leonard, 1970; Greene, Walker, and Corcoran, 1972, Geologic Map of the Burns Quadrangle, Oregon, USGS Miscellaneous Geologic Investigations Map I-680; Harney Basin Groundwater Study, DRAFT Report by Aquaveo, LLC for the Harney County Watershed Council, November 2012; Memo by Ivan Gall, 1/15, 2008: Stream Assessment for Division 9 Review in the Malheur Lakes Basin.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: 4 Logid: HARN 1461 (Briggs #33)

D2. **THE WELL 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) _____

D3. **THE WELL construction deficiency:**

- a. constitutes a health threat under Division 200 rules;
- b. commingles water from more than one ground water reservoir;
- c. permits the loss of artesian head;
- d. permits the de-watering of one or more ground water reservoirs;
- e. other: (specify) No surface seal was provided.

D4. **THE WELL construction deficiency is described as follows:** _____

- D5. **THE WELL**
- a. was, *or* was not constructed according to the standards in effect at the time of original construction or most recent modification.
 - b. I don't know if it met standards at the time of construction.

D6. **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

D7. Well construction deficiency has been corrected by the following actions: _____

_____, 200_____
(Enforcement Section Signature)

D8. **Route to Water Rights Section (attach well reconstruction logs to this page).**

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

08-22-2011

WELL LABEL # L 102550

START CARD # 1014462

(1) LAND OWNER Owner Well I.D.

First Name Jeff Last Name Gilmour
Company
Address 39937 Sodhouse Lane
City Princeton State Or Zip 97721

(2) TYPE OF WORK
New Well Deepening Conversion
Alteration (repair/recondition) Abandonment

(3) DRILL METHOD
Rotary Air Rotary Mud Cable Auger Cable Mud
Reverse Rotary Other

(4) PROPOSED USE
Domestic Irrigation Community
Industrial/ Commercial Livestock Dewatering
Thermal Injection Other

(5) BORE HOLE CONSTRUCTION Special Standard Attach copy
Depth of Completed Well 305.00 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs. Includes Bentonite Chips.

How was seal placed: Method A B C D E
Other poured & tamped
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: Yes Type Amount

(6) CASING/LINER
Table with columns: Casing Liner, Dia, From, To, Gauge, Stil, Plstc, Wld, Thrd

Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS
Table with columns: Per/S, Casing/Screen, Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 60 °F Lab analysis Yes By
Water quality concerns? Yes (describe below)
From To Description Amount Units

(9) LOCATION OF WELL (legal description)

County Hamsy Twp 26.00 S N/S Range 33.00 E E/W WM
Sec 31 NW 1/4 of the SW 1/4 Tax Lot 64
Tax Map Number Lot
Lat 0 0 " or DMS or DD
Long 0 0 " or DMS or DD
Street address of well Nearest address

39937 Sodhouse Lane
Princeton, Or. 97721

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)

Existing Well / Predeepening
Completed Well 08-09-2011 55
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 55

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft)

(11) WELL LOG

Table with columns: Material, From, To. Includes Topsoil, Cobbles, Rock Grey, Cinders Clay, Sandstone Brown, Rock Brown, Sandstone Brown, Rock Black, Sandstone Brown, Clastone Tan, Rock Brown, Claystone Tan, Hard Claystone Red.

Basalt (Qb)
Tuffaceous Sediments
Rocks (Tuff)

Date Started 08-05-2011 Completed 08-09-2011

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards.

License Number Date
Electronically Filed
Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above.

License Number 1424 Date 08-22-2011
Electronically Filed
Signed TIMOTHY K RILEY (E-filed)
Contact Info (optional)

Standard Application Completeness Checklist

Minimum Requirements (OAR 690-310-0040)(ORS 537.400)

This is the checklist used by WRD staff

4/10/12

Application G-17592 County Harney Priority Date 10/26/12

Township 265 ~~275~~ Range 32E Section 23, 24, 26, 28, 35
275 Range 32E Section 2, 3, 5, 6, 8, 9, 10, 11
275 Range 31E Section 1

Amount 80.2 cfs Use Irrigation 492.57 ac WM Dist # 10
275 Range 34E Section 6, 7, 8, 12, 15, 19, 20

Applicant Name Golden Rule Farms Inc.

Receipt No. 107196

Caseworker Assigned Jeana Eastman Kerry Kavanagh

- Applicant/Organization Name, Mailing Address, and Telephone Number.
- All applicants or the applicant's authorized agent (include title or authority if for an organization or corporation), must sign the application in ink. Signature must be an original "wet" signature. Copies cannot be accepted.
- Source of water. If stored water, is the stored water component filed out, including a non-expired agreement for stored water must be included. (ORS 537.400) NOTE: A surface water application cannot be filed at the same time as a Reservoir or Alt Reservoir if it will be for the use of the stored water under the PROPOSED Reservoir application, Expedited Secondary(E2).
- If for stored water not under contract, is the source valid / Permit or Certificate issued Y / N List Permit or Certificate number: _____
- The proposed source is or is not (circle one) withdrawn from further appropriation. If it is withdrawn under ORS 538, then return application and fees. If it is withdrawn by other means, accept the application and a negative IR will be issued.
- Property ownership indicated.
 - If applicant does not own all the land, the affected landowner's name and mailing address must be listed.
 - If applicant does not own all the land, a signed statement ^{statement on p.4; signature on p.3} declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted.
- Well Development (pg. 4 & 5) or a well log report.
- Proposed use of water. If supplemental, list primary acreage. (Irrigation and Suppl Irrigation together, is 2 uses)
- Supplemental data sheets enclosed if needed ?
 - Form M (Municipal or Quasi-Municipal)
 - Spring Description Sheet
- Amount of water from each source in gallons per minute (GPM), cubic feet per second (CFS), or acre feet (AF)
- Period of use

- Water management section (Please estimate if the water system has not been designed).
- Resource Protection Section (N/A for Groundwater)
- Project schedule (If system is already completed, indicate "existing").
- Preliminary plans and specifications including dam height, width, crest width and surface area for each reservoir for all standard reservoir applications
- A map prepared by a CWRE for a standard reservoir application proposing to store more than 9.2 acre feet and having a dam height of more than 10 feet
- Deed Cross US
You must include a Legal description of all the properties involved where water is diverted, crossed, and used. The Legal description includes a metes and bounds, or other government survey description. A copy of the deed, land sales contract or title insurance policy can provide this information, or you may submit a lot book report prepared by a title company. The Department will not accept a copy of the tax bill.
- A completed Land-Use Form or receipt signed and dated by the appropriate planning department officials. *Please be certain that the Land-Use form lists all lands involved and all uses proposed. Date of signature must be within the past 12 months. Signature must be an original "wet" signature. Copies cannot be accepted.*
- The map must meet all the minimum requirements of OAR 690-310-0050.
 - Township, Range, Section
 - Location of main canals, ditches, pipelines or flumes (if POA/POD is outside of POU)
 - Place of use, 1/4, 1/4=s and tax lot clearly identified
 - Even map scale not less than 4" = 1 mile (example: 1" = 100 ft, 1" = 200 ft, etc.)
 - Location of **each** diversion point, well or dam by reference to a recognized public land survey corner. Multiple wells shall be uniquely labeled, and identified on well logs if existing.
 - Reference corner on map
 - North Directional Symbol
 - Number of acres per 1/4, 1/4, if for irrigation, nursery, or agriculture
 - Other _____

Fees: Amount of water requested 1,200^kgpm = (80.2 cfs)
448.8 gpm per cfs

Base Fee \$ 1,000	Total Exam Fees \$ <u>28,500</u>
1st CFS/AF \$ 250	Permit Recording Fees \$ 400
<u>80</u> Addtl CFS/ AF @ <u>250</u> = <u>20,000</u>	Mitigation Fee \$ —
<u>29</u> Addtl POD/POA @ <u>250</u> = <u>7,250</u>	Total Paid \$ <u>28,900</u>
Addtl Use @ — = —	Amount Due \$ —
	Amount Returned \$ —

Reviewed by: OSP Date: 10/26/12

**T27S R34E, WM,
HARNEY COUNTY, OR**

15.9 cfs



0 1,320 Feet

1" = 1,320'

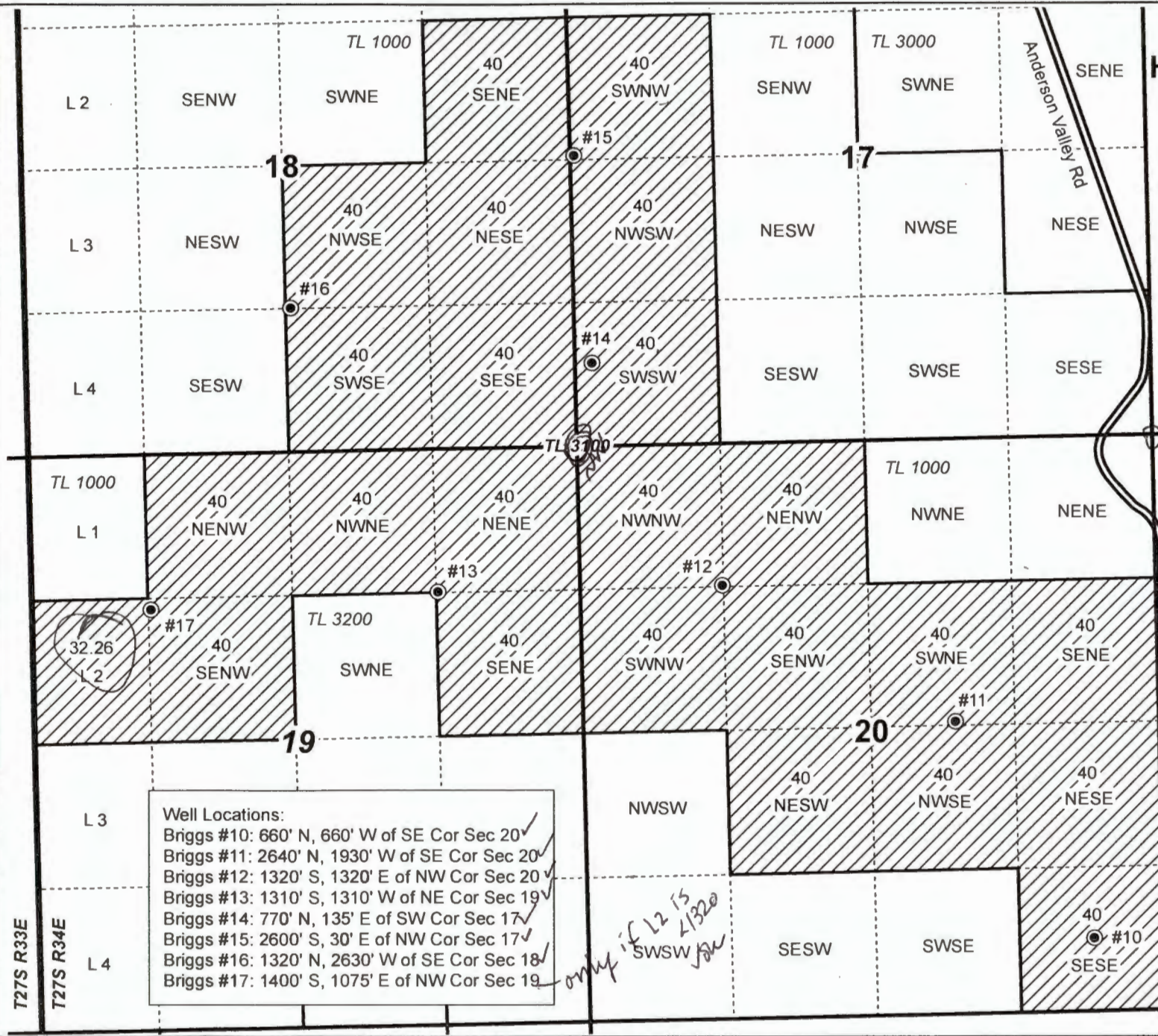
- Well
- POU IR
- Township
- Section
- Quarter Quarter
- Taxlot

verify # ML Basin

= 952.26 ac

IR 952 ac

SE corner 20



Well Locations:
 Briggs #10: 660' N, 660' W of SE Cor Sec 20 ✓
 Briggs #11: 2640' N, 1930' W of SE Cor Sec 20 ✓
 Briggs #12: 1320' S, 1320' E of NW Cor Sec 20 ✓
 Briggs #13: 1310' S, 1310' W of NE Cor Sec 19 ✓
 Briggs #14: 770' N, 135' E of SW Cor Sec 17 ✓
 Briggs #15: 2600' S, 30' E of NW Cor Sec 17 ✓
 Briggs #16: 1320' N, 2630' W of SE Cor Sec 18 ✓
 Briggs #17: 1400' S, 1075' E of NW Cor Sec 19 ✓

only if L2 15
 1/320
 SWSW JAW

**GROUNDWATER APPLICATION MAP
Golden Rule Farms, LLC**

Date: 8/6/2019 Ap G-17592

This map is not intended to provide legal dimensions or locations of property ownership lines.

WATER RIGHT SERVICES, LLC
 PO BOX 1830, BEND, OR 97709
 WWW.OREGONWATER.US CCB # 197121
 johnshort@usa.com 541-389-2837

WRD Rec'd 8/7/2019

WRK LAM

POAGE Barbara J * WRD

From: johnshort@usa.com
Sent: Monday, January 29, 2018 12:53 PM
To: POAGE Barbara J * WRD
Subject: Re: Ap G-17592 Golden Rule Farms

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Red Category

1/29/2018
amendment,
email.

Thank you, Barbe.

Hope you're enjoying life.

This ap may require a groundwater re-review as I removed all Malheur Lake basin POAs leaving only those in the Malheur Basin.

Thanks a ton!

John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

On Jan 29, 2018, at 11:43 AM, POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov> wrote:

Well Hello!

Hope you are doing just great.

This app, of course, I inherited it in 2015 and have not even seen the file. I will now note your request to "WorkFlow" ...looks like it has been on and off Admin Hold for years.

I will add it to my To-Do pile and hope to get to it in the next few weeks-looks like we are at PFO.

I'll be in touch!

Thank you.

-Barbe

BARBARA PARK POAGE ♦ WATER RIGHTS SPECIALIST

WATER RESOURCES DEPARTMENT | 725 SUMMER ST. NE, SUITE A | SALEM, OREGON 97301
PH.: 503 986-0859 | FAX: 503 986-0901
Email: Barbara.J.Poage@Oregon.gov Web: <http://www.Oregon.gov/OWRD>

From: johnshort@usa.com [mailto:johnshort@usa.com]

Sent: Friday, January 26, 2018 1:26 PM

To: POAGE Barbara J * WRD

Subject: Ap G-17592 Golden Rule Farms

Hello Barbe,

On this one, could we please withdraw all PODs and POUs except those in T27S R34E? This reduces it to only Briggs Wells 10-17 to irrigate 952 acres using 15.9 cfs in Malheur Basin.

Since this removes over 75% of the water originally applied for, please refund any monies appropriate.

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

POAGE Barbara J * WRD

From: GALL Ivan K * WRD
Sent: Thursday, August 08, 2019 3:14 PM
To: johnshort@usa.com; GALL Ivan K * WRD; IVERSON Justin T * WRD; FRENCH Dwight W * WRD
Cc: POAGE Barbara J * WRD; SPRIET Jason D * WRD; BYRD Kristopher R * WRD; JOHNSON JR * WRD
Subject: Mitigation proposal for Ap G-17592 Golden Rule Farms, Inc.
Attachments: Golden Rule Farms - NOV - 2019.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

John,

The Department has reviewed the mitigation proposal you presented via email today. We do not find it acceptable for two reasons:

1. The certificate you propose to voluntarily cancel, 47895, is for 1.94 cfs on 154.8 acres. You are asking that the Department issue a permit for application G-17592, which would authorize use of 15.9 cfs on 952 acres. The proposed mitigation amount and the amount requested by application G-17592 are significantly different.
2. Based on the location of authorized groundwater appropriation under certificate 47895, and the location of proposed groundwater appropriation under application G-17592, the Department would not make a finding of the same source, and that ceasing use under Certificate 47895 would not provide mitigation to the area of proposed use applied for in application G-17592.

As you may be aware, illegal irrigation is occurring on the property associated with application G-17592. Attached please find a notice of violation issued today to Mr. Tim Puckett and Golden Rule Farms, ordering that groundwater use cease two days from today. I would appreciate you forwarding this to your client, and any help you may be able to provide in gaining voluntary compliance. I'm available to answer any questions you or Mr. Puckett may have.

Sincerely,
Ivan Gall

Ivan Gall

FIELD SERVICES DIVISION ADMINISTRATOR

725 Summer Street NE, Suite A Salem, OR 97301 | Phone 503-986-0847



Integrity | Service | Technical Excellence | Teamwork | Forward-Looking

From: johnshort@usa.com <johnshort@usa.com>
Sent: Thursday, August 08, 2019 10:29 AM
To: GALL Ivan K * WRD <Ivan.K.Gall@oregon.gov>

Cc: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>
Subject: Mitigation proposal for Ap G-17592 Golden Rule Farms, Inc.

Hello Ivan,

All my previous mitigation proposals have gone straight to the caseworkers so Barbe is cc'd.

Per the 4/15/2019 Superseding GW Review:

1. We absolutely agree all wells to be cased and sealed to current well construction standards, not to the more lax practices of when OWRD received this application (2012). All wells to be cased and sealed to at least 5' in to the layer above the water bearing zone.
2. If I understand the GW review correctly, with deep groundwater flows in the area primarily flowing southerly in Virginia Valley (Ongoing study USGS Potentiometric surface of primary groundwater withdrawal below 100-ft depth), this proposed voluntary cancellation should mitigate any smaller contributions the resource may make upstream to the neighboring WAM.

Please accept the full cancellation of Certificate 47895 as mitigation for issuing the Permit for Application G-17592. Supporting documents attached.

Letter of Intent

Date: December 6, 2018

Buyer: Golden Rule Farms Inc
PO Box 255
Christmas Valley, OR 97641
541-480-9752

Seller: Joseph R. & Lindsey L. Robertson
PO Box 731
Crane, OR 97732
541-589-1294


Ref: 239.2 acres of certified water rights under Certificate #47895 (154.8 acres – March 1, 1968) and Certificate #47896 (84.4 acres – Jan. 31, 1975). Plus 1- Complete Valley Irrigation pivot approx. ¼ mile and 2- irrigation pumps & motors.

- 1.) Sales Price to be \$210,000.00
- 2.) Earnest money deposit of \$5,000.00 due within 5 business days after acceptance, payable to Jett Blackburn Clients Trust Account.
- 3.) Seller agrees to sign any documents needed to transfer water rights as required by the State of Oregon Water Resources Department.
- 4.) Balance of sales price due January 15, 2019 when said transfer papers are signed.
- 5.) Buyer has until June 1, 2019 to remove all irrigation equipment described above.
- 6.) Jett Blackburn Real Estate is not a Representative of either Buyer or Seller, further Buyer and Seller are not relying on any information given by Jett Blackburn Real Estate.
- 7.) John Short to prepare transfer papers.
- 8.) Seller agrees to disc the pivot corners twice and sign an affidavit that they have irrigated the pivot under Certificate #47895 and run the wheel lines under Certificate #47896
- 9.) Since the corners around the pivot have not been used, both Buyer and Seller agree to place \$15,000.00 in Jett Blackburn Clients Trust Account. If the Water Resource Department is agreeable to transfer the corners, the \$15,000.00 will be paid to the Seller. If Water Resources Department denies transfer of the corners the \$15,000.00 will be paid back to the Buyer.

10.) Closing costs:	<u>Seller</u>	<u>Buyer</u>
Water right transfer fee	0%	100%
Disc corners	100%	0%
Broker Commission (6%)	100%	0%
Removal of irrigation equipment	0%	100%


Golden Rule Farms Inc.
% Timothy Puckett


Joseph R. Robertson


Lindsey L. Robertson

20061600

THIS SPACE RESERVED FOR RECORDER'S USE

After recording return to:
JOSEPH R. ROBERTSON
P.O. BOX 902
HINES, OR 97738

Until a change is requested all
tax statements shall be sent to
The following address:

JOSEPH R. ROBERTSON
P.O. BOX 902
HINES, OR 97738

Escrow No. BU0017765
Title No. 0017765

SWD

STATE OF OREGON
County of Harney
I certify that the within instrument was received
for record on the 27 day of July
2006 at 1:09 o'clock P.M. and
recorded Microfilm number 20061600
Records of said County.
Maria Iturriga, County Clerk
By: [Signature] Deputy

STATUTORY WARRANTY DEED

WILLIAM S. PEILA and LORI K. PEILA, as tenants by the entirety, Grantor(s) hereby convey and warrant to JOSEPH R. ROBERTSON and LINDSEY L. ROBERTSON, as tenants by the entirety, Grantee(s) the following described real property in the County of HARNEY and State of Oregon free of encumbrances except as specifically set forth herein:

A parcel of land located in Sec. 13, Twp. 24 S., R. 32 1/2 E., W.M., Harney County, Oregon, more particularly described as follows:

Parcel No. 1 of Partition Plat No. 06-06-188, recorded June 1, 2006, Instrument No. 20061112, Harney County, Plat Records.

ACCT# 23344; CODE# 4-2

MAP: 24S 32VE LOT 3100

The above-described property is free of encumbrances except all those items of record, if any, as of the date of this deed and those shown below, if any:
2006-2007 Real Property Taxes a lien not yet due and payable.

The true and actual consideration for this conveyance is \$275,000.00.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 197.352. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930 AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 197.352.

Dated this 27 day of July, 2006.

[Signature] WILLIAM S. PEILA
[Signature] LORI K. PEILA

State of Oregon
County of HARNEY

This instrument was acknowledged before me on July 27th, 2006 by WILLIAM S. PEILA and LORI K. PEILA.



[Signature] Corissa Lea Wright
(Notary Public for Oregon)
My commission expires Feb 24, 2008



THIS SPACE

HARNEY COUNTY, OR	2019-0888
DEED-WD	07/10/2019 10:26:02 AM
Pgs= 2	\$86.00
I, Derrin Robinson, County Clerk for Harney County, Oregon certify that the instrument identified herein was recorded in the Co. Clerk's records.	
<i>Derrin Robinson</i>	
Derrin E. Robinson, Harney County Clerk	

After recording return to:

Lindsey L. Robertson
 67054 S Newton Road
 Burns, OR 97720

Until a change is requested all tax statements shall be sent to the following address:

Lindsey L. Robertson
 67054 S Newton Road
 Burns, OR 97720

File No. 293379AM

STATUTORY WARRANTY DEED

Joseph R. Robertson,

Grantor(s), hereby convey and warrant to

Lindsey L. Robertson,

Grantee(s), the following described real property in the County of Harney and State of Oregon free of encumbrances except as specifically set forth herein:

Located in Harney County, Oregon:

A parcel of land located in Sec. 13, Twp. 24 S., R. 32½ E., W.M., Harney County, Oregon, more particularly described as follows:

Parcel No. 1 of Partition Plat No. 06-06-188, recorded June 1, 2006, Instrument No. 20061112, Harney County, Plat Records.

ALSO a tract of land situated within the NE¼ of Sec. 14, Twp. 24 S., R. 32½ E., W.M., Harney County, Oregon, more particularly described as follows:

Beginning at the Southeast corner of the NE¼ of Sec. 14, thence N. 00°32'30" W. along the East boundary of the NE¼ of Sec. 14, 1340.20 feet, thence S. 89°28'26" W. 60.93 feet, thence S. 00°04'26" E. 116.64 feet, thence S. 88°02'59" E. 25.28 feet, thence S. 02°15'29" E. 1223.02 feet to the point of beginning.

FOR INFORMATION PURPOSES ONLY, THE MAP/TAX ACCT #(S) ARE REFERENCED HERE:

24S32V000003100 23344

The true and actual consideration for this conveyance is Per Decree Filed in Harney County, OR Case No. 19DR09411. The above-described property is free of encumbrances except all those items of record, if any, as of the date of this deed and those shown below, if any:

2019-2020 Real Property Taxes, a lien not yet due and payable



BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

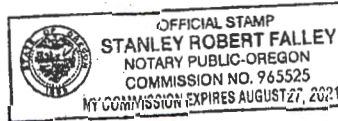
Dated this 30th day of July, 2019.

Joseph R. Robertson
Joseph R. Robertson

State of Oregon } ss
County of Harney }

On this 30th day of July, 2019, before me, Joseph R. Robertson Stanley Falley a Notary Public in and for said state, personally appeared Joseph R. Robertson, known or identified to me to be the person(s) whose name(s) is/are subscribed to the within Instrument and acknowledged to me that he/she/they executed same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Stanley Falley
Notary Public for the State of Oregon
Residing at: Beaverton, OR
Commission Expires: 8-27-2021



POAGE Barbara J * WRD

From: johnshort@usa.com
Sent: Thursday, August 08, 2019 10:29 AM
To: GALL Ivan K * WRD
Cc: POAGE Barbara J * WRD
Subject: Mitigation proposal for Ap G-17592 Golden Rule Farms, Inc.
Attachments: Puckett Affidavit.pdf; Untitled attachment 00060.htm

Follow Up Flag: Follow up
Flag Status: Completed

Hello Ivan,

All my previous mitigation proposals have gone straight to the caseworkers so Barbe is cc'd.

Per the 4/15/2019 Superseding GW Review:

1. We absolutely agree all wells to be cased and sealed to current well construction standards, not to the more lax practices of when OWRD received this application (2012). All wells to be cased and sealed to at least 5' in to the layer above the water bearing zone.
2. If I understand the GW review correctly, with deep groundwater flows in the area primarily flowing southerly in Virginia Valley (Ongoing study USGS Potentiometric surface of primary groundwater withdrawal below 100-ft depth), this proposed voluntary cancellation should mitigate any smaller contributions the resource may make upstream to the neighboring WAM.

Please accept the full cancellation of Certificate 47895 as mitigation for issuing the Permit for Application G-17592. Supporting documents attached.

**AFFIDAVIT FOR THE VOLUNTARY CANCELLATION OF ENTIRE WATER RIGHT CERTIFICATE 47895
UPON PERMIT ISSUANCE FOR APPLICATION G-17592**

State of Oregon)
County of Lake) ss

I, Timothy P. Puckett, President, Golden Rule Farms, Inc., PO Box 255, Christmas Valley, OR 97641
telephone number 541-480-9752, being first duly sworn, depose and say:

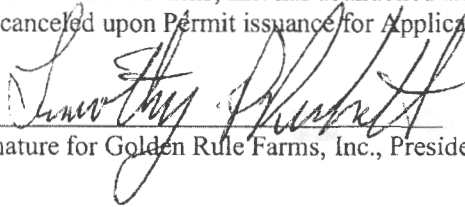
1. Golden Rule Farms, Inc. has purchased under contract, those water rights appurtenant to the property described as tax lot number 3100, within the NE ¼, Section 13, Township 24S, Range 32.5E, of the Willamette Meridian, in Harney County, Oregon, as shown on the attached map and described in the attached deed and legal description and made part of this affidavit;
2. Water right certificate number 47895 issued to Irvin P. Schouviller, with a priority date of March 1, 1968 for use of 1.94 cubic foot per second of water from a well in Crowcamp Creek Basin (source) for Irrigation of 154.8 acres _____ (use) is appurtenant to the property described in paragraph 1 above.
3. The appurtenant water right is not located within the boundaries of an irrigation, drainage, water improvement, or water control district, or federal reclamation project (*if the right is located within a district or reclamation project, name it here: N/A* _____);
4. The portion of the water right being cancelled is served by an irrigation district. The signature of the district manager on the line below indicates the concurrence of the district to the cancellation of the portion of the water right served by the district.

<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Signature of district manager	Printed Name	Date

5. If the water right is issued in the name of an irrigation district then the affiant must have the concurrence of the district to the cancellation of the portion of the water right. (*Signature of district manager on the line below documents consent of the district.*)

<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Signature of district manager	Printed Name	Date

6. Golden Rule Farms, Inc. has abandoned any and all interest in this water right and request the right be canceled upon Permit issuance for Application G-17592.

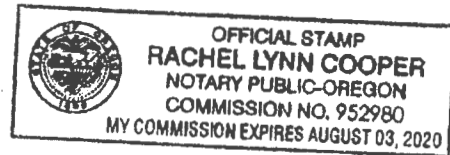

Signature for Golden Rule Farms, Inc., President

8-7-19
Date

Subscribed and Sworn to Before Me this 7 day of August, 2019.


Notary Public for Oregon

My Commission Expires 08/03/2020



PLEASE ATTACH A LEGIBLE COPY OF:

- 1) A DEED WHICH LISTS LAND OWNERS AND INCLUDES A LEGAL DESCRIPTION OF AFFECTED LANDS, AND
- 2) A COPY OF AN ADJUDICATION MAP, WATER RIGHT FINAL PROOF MAP, OR A TAX LOT MAP WITH THE ABANDONED RIGHT CLEARLY DRAWN AND IDENTIFIED.
- 3) IF ACTING AS AN AUTHORIZED AGENT, INCLUDE COPY OF POWER OF ATTORNEY OR OTHER DOCUMENTS GRANTING AUTHORITY TO ACT ON BEHALF OF LEGAL OWNER(S).

POAGE Barbara J * WRD

From: POAGE Barbara J * WRD
Sent: Wednesday, August 07, 2019 11:06 AM
To: 'Bryce Withers'
Subject: RE: Groundwater Ap. G-17592 Revised Map; T-13132 layering resolution

Thank you.

From: Bryce Withers <brycewrs@gmail.com>
Sent: Wednesday, August 07, 2019 9:54 AM
To: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>; SMITH Tamera L * WRD <Tamera.L.Smith@oregon.gov>
Subject: Groundwater Ap. G-17592 Revised Map; T-13132 layering resolution

Hi Barbara and Tamera,

Here is a revised Groundwater Application Map for Ap G-17592.

This map verifies the resolution of the layering conflict with T-13132.

Thanks!

--

Bryce Withers

Water Right Specialist
(541)513-5150 cell

Water Right Services, LLC
PO Box 1830
Bend, OR 97709

POAGE Barbara J * WRD

From: johnshort@usa.com
Sent: Tuesday, August 06, 2019 9:58 AM
To: BOSCHMANN Darrick E * WRD
Cc: POAGE Barbara J * WRD; JOHNSON JR * WRD; IVERSON Justin T * WRD
Subject: Anderson Valley Ap G-17592 Golden Rule Farms

Follow Up Flag: Follow up
Flag Status: Completed

Hello Darrick,

I just realized on this one that you and I should figure out an acceptable mitigation proposal BEFORE the PFO rather than protesting it after its issued.

Barbe - please hold off on issuing the PFO until Darrick and finish working on a mitigation proposal.

Thank you everyone!

John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

Begin forwarded message:

From: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>
Subject: RE: When did Ap G-17592 come off Administrative Hold?
Date: August 5, 2019 at 2:58:48 PM PDT
To: "johnshort@usa.com" <johnshort@usa.com>

Hi There! I'm already crying because my youngest will be 18 in October! I'll need to find some more kids...

So this application, let's see...Admin Holds ended 5/3/2016...there were 4 of them and the Department doesn't like to go past that! For whatever reason.

My notes from that time indicate that on 1/29/2018 the agent requested to withdraw all PODs and POU's except those in T27S R34E and reduce to only Briggs Wells 10-17 to irrigate 952 acres using 15.9 CFS.

According to the groundwater re-review (April 2019), the PFO would still be to Deny based on capacity of the resource.

I emailed you on June 10, 2019 with the re-review and wanting verification from you that the amendments were correct and addressing how to proceed.
There were then emails between Darrick and you in June 2019.
Looks like Darrick's email to you on June 26 indicates there is still a finding that the proposed use would not be within the capacity of the resource.
There has been no change in the groundwater re-review.

I guess I was waiting for further negotiation but I can go ahead and write the PFO to Deny.
All the Best.
-Barbe

BARBARA PARK POAGE ♦ WATER RIGHTS SPECIALIST

WATER RESOURCES DEPARTMENT | 725 SUMMER ST. NE., SUITE A | SALEM, OREGON 97301

PH: 503 986-0859 | FAX: 503 986-0901

Email: Barbara.J.Poage@Oregon.gov Web: <http://www.Oregon.gov/OWRD>

From: johnshort@usa.com <johnshort@usa.com>
Sent: Monday, August 05, 2019 1:57 PM
To: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>
Subject: When did Ap G-17592 come off Administrative Hold?

Thank you, Barbe!

John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

POAGE Barbara J * WRD

From: johnshort@usa.com
Sent: Wednesday, June 26, 2019 1:50 PM
To: POAGE Barbara J * WRD
Cc: BOSCHMANN Darrick E * WRD; MARCY Phillip I * WRD
Subject: Re: Ap G-17592 Golden Rule Farms

Follow Up Flag: Follow up
Flag Status: Flagged

Sounds like time to issue the PFO, Barbe.

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

On Jun 26, 2019, at 12:37 PM, BOSCHMANN Darrick E * WRD
<Darrick.E.Boschmann@oregon.gov> wrote:

Hi John,

You are right – from Virginia Valley it appears some amount of groundwater is flowing out of the Harney Basin into the Malheur River system. The Adobe Flat area where the subject wells are located would certainly not be considered a significant recharge area for the basin, but based on the contouring work, groundwater is flowing through the Adobe Flat area toward Virginia Valley. The problem is that we are already seeing year to year declines in wells within Virginia Valley, so any additional groundwater taken out of the system before reaching Virginia Valley will exacerbate those declines.

I realize it's not ideal that our administrative boundaries don't always line up perfectly with the groundwater flow system, but for technical reviews we have to honor the data we have regardless of how the administrative boundaries have been drawn.

-Darrick

Darrick E. Boschmann, RC | Hydrogeologist – Groundwater Section

Oregon Water Resources Department | Phone: 503-986-0851
725 Summer ST., NE., Suite A Salem OR 97301 | Fax: 503-986-0902

<image001.jpg>

From: johnshort@usa.com <johnshort@usa.com>
Sent: Wednesday, June 26, 2019 12:14 PM
To: BOSCHMANN Darrick E * WRD <Darrick.E.Boschmann@oregon.gov>
Cc: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>
Subject: Fwd: Ap G-17592 Golden Rule Farms

Hi Darrick,

Hope life is going well.

Phil Marcy said to contact you on this one. I understand that there is concern of impacting recharge to the Malheur Lake Basin. I'm a bit surprised at that since these wells are right on the 4090' elevation contour as groundwater leaves the Malheur Lake Basin (latest DRAFT USGS deep well map attached). I thought water flow direction was perpendicular to the elevation lines, in this case directly out of the basin towards South Fork Malheur River's basin. If you saw the shallow well map, the flow is even more dramatic.

Did I misunderstand?

Thanks, John

POAGE Barbara J * WRD

From: johnshort@usa.com
Sent: Friday, June 14, 2019 3:20 PM
To: POAGE Barbara J * WRD
Subject: Re: Ap G-17592 Golden Rule Farms

Follow Up Flag: Follow up
Flag Status: Completed

Oops! Thank you about correcting me on Phil Marcy. Too close to the weekend!!

I'll call him.

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

On Jun 14, 2019, at 3:14 PM, POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov> wrote:

The problem is B1c, that the groundwater will not likely be available within the capacity of the groundwater resource. You can read the comments about water level declines in B3...seems there is not a lot of groundwater in this area.

And I believe the hydrogeologist reviewer is Phil Marcy, just fyi.

Reviewers add conditions if somehow negative findings should be overcome (like with mitigation), "just in case" we should move to permit. Conditions are listed whether or not the groundwater review is positive or not.

-Barbe

BARBARA PARK POAGE ♦ WATER RIGHTS SPECIALIST

WATER RESOURCES DEPARTMENT | 725 SUMNER ST. NE, SUITE A | SALEM, OREGON 97301

PH: 503 986-0859 | FAX: 503 986-0901

Email: Barbara.J.Poage@Oregon.gov Web: <http://www.Oregon.gov/OWRD>

From: johnshort@usa.com <johnshort@usa.com>
Sent: Friday, June 14, 2019 2:16 PM
To: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>
Subject: Re: Ap G-17592 Golden Rule Farms

Hey Barbe,

Since the groundwater resource “**cannot be determined to be over appropriated during any period of the proposed use**” and “**will likely be available in the amounts requested without injury to prior water rights.**” on page 3 of the groundwater re-review, can we please move forward with a positive PFO including Darrick’s recommended conditions on page 6?

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

On Jun 10, 2019, at 3:14 PM, POAGE Barbara J * WRD
<Barbara.J.Poage@oregon.gov> wrote:

Well Hello There, John Short!

I hope this June finds you well and enjoying the great outdoors.

This application, after many weeks on my desktop, needs to be addressed.

As I recall, you made the changes below and I finally got a groundwater re-review by the end of April 2019. I have attached it.

Looks like we would still be headed to deny at PFO due to over-appropriated groundwater (there is injury and not in the capacity of the resource);

I had the PFO written to deny but thought it might be better to contact you first.

Take a look at the groundwater re-review if you have not previously (I don’t think I sent it to you but you could have gotten it from Phil Marcy?).

First off, make sure the re-review is accurate to what you requested be amended.

And then tell me what you think; if you have anything to counter with or if there were inaccuracies; and how you would like to proceed.

Thank you!

-Barbe

BARBARA PARK POAGE ♦ WATER RIGHTS SPECIALIST

WATER RESOURCES DEPARTMENT | 725 SUMMER ST. NE, SUITE A | SALEM, OREGON
97301

PH: 503 986-0850 | FAX: 503 986-0901

Email: Barbara.J.Poage@Oregon.gov Web: <http://www.Oregon.gov/OWRD>

From: johnshort@usa.com <johnshort@usa.com>

Sent: Friday, January 26, 2018 1:26 PM

To: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>

Subject: Ap G-17592 Golden Rule Farms

Hello Barbe,

On this one, could we please withdraw all PODs and POU's except those in T27S R34E? This reduces it to only Briggs Wells 10-17 to irrigate 952 acres using 15.9 cfs in Malheur Basin.

Since this removes over 75% of the water originally applied for, please refund any monies appropriate.

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

<G17592_Golden_Rule_Farms_rereview2.pdf>

POAGE Barbara J * WRD

From: johnshort@usa.com
Sent: Wednesday, June 12, 2019 10:55 AM
To: POAGE Barbara J * WRD
Subject: Re: Ap G-17592 Golden Rule Farms

Follow Up Flag: Follow up
Flag Status: Completed

Hello Barbe!!

Life is good but hasn't slowed.

Thanks for allowing a chance to review and respond to this.

I'll be in touch.

Sincerely,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

On Jun 10, 2019, at 3:14 PM, POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov> wrote:

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This application, after many weeks on my desktop, needs to be addressed.

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First off, make sure the re-review is accurate to what you requested be amended.

And then tell me what you think; if you have anything to counter with or if there were inaccuracies; and how you would like to proceed.

Thank you!

-Barbe

BARBARA PARK POAGE ♦ WATER RIGHTS SPECIALIST

WATER RESOURCES DEPARTMENT | 725 SUMMER ST. NE, SUITE A | SALEM, OREGON 97301

PH: 503 986-0859 | FAX: 503 986-0901

Email: Barbara.J.Poage@Oregon.gov Web: <http://www.Oregon.gov/OWRD>

From: johnshort@usa.com <johnshort@usa.com>

Sent: Friday, January 26, 2018 1:26 PM

To: POAGE Barbara J * WRD <Barbara.J.Poage@oregon.gov>

Subject: Ap G-17592 Golden Rule Farms

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Since this removes over 75% of the water originally applied for, please refund any monies appropriate.

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

<G17592_Golden_Rule_Farms_rereview2.pdf>

POAGE Barbara J * WRD

From: MARCY Phillip I * WRD
Sent: Monday, March 11, 2019 11:23 AM
To: POAGE Barbara J * WRD
Subject: G-17592 - Golden Rule Farms

Follow Up Flag: Follow up
Flag Status: Flagged

Barbe,

I have been assigned to re-review application G-17592, and there is a note in the application tracking database:
B Poage email 2/25/19 "...withdraw all PODs and POU's except those in T27S R34E. This reduces it to only Briggs Wells 10-17 to irrigate 952 acres using 15.9 cfs in Malheur Basin."

While most of T27S/R34E resides in the Malheur basin, some of it also over the line in the Malheur Lake basin, leaving some doubt about which wells they wish to be considered. It would be useful if the applicant listed the specific wells they want considered in the re-review here.

Thanks,

Phillip Marcy
Hydrogeologist
Oregon Water Resources Department
Phillip.i.marcy@oregon.gov
Office: 503-986-0844

POAGE Barbara J * WRD

From: PARK Barbara J
Sent: Thursday, November 05, 2015 4:47 PM
To: John Short
Subject: RE: Administrative Hold for Ap G-17592 Golden Rule

I assigned myself to it and put in on Admin Hold starting today to 5/3/2015-as long as the applicant is doing work on it (as you've stated, below), I'm okay with another hold at this point. Also, just inheriting it, I am not familiar with the application at all and it would take time to catch up, so may as well put it on hold.

Let me know when you'd like to continue the process.

Sincerely,

Barbe

BARBARA PARK | WATER RIGHT APPLICATION CASEWORKER
WATER RESOURCES DEPARTMENT | 725 SUMMER ST. NE, SUITE A | SALEM, OREGON 97301
PH: 503 986-0859 | FAX: 503 989-0901
Email: Barbara.J.Park@wrд.state.or.us Web: <http://www.wrd.state.or.us>

From: John Short [<mailto:johnshort@usa.com>]
Sent: Thursday, November 05, 2015 3:14 PM
To: PARK Barbara J
Subject: Administrative Hold for Ap G-17592 Golden Rule

Hello Barbe,

Kerri said you or Kim would end up with this file so I'll try you!

Please continue the Administrative Hold for Ap G-17592 while the Malheur Lake Basin Rules Advisory Committee evaluates mitigation or other options to move forward. Applicant is currently drilling wells seeking water for the portion of the application outside of the closed basin, per discussions with Jerry Grondin and Darrick Boschmann. My discussions with Ivan and Dwight at the Malheur Lake Basin Rules Advisory Committee meetings are largely due to this application.

Glad to answer questions.

Sincerely,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

COPE Kerri H

From: DENNIS <djglender@msn.com>
Sent: Friday, February 13, 2015 8:55 PM
To: COPE Kerri H
Subject: FW: Golden Rule Farms App G-17952

Dennis R. Glender

From: ivan.k.gall@state.or.us
To: djglender@msn.com; ivan.k.gall@state.or.us
CC: brenda.o.bateman@state.or.us; gerald.h.grondin@state.or.us; goldenrulefarms@gmail.com; puckettandson@gmail.com
Subject: RE: Golden Rule Farms App G-17952
Date: Fri, 13 Feb 2015 19:18:44 +0000

Dennis, I understand Waterwatch has made some progress with a couple of the protested applications. We are reviewing the number of acres of permits issued with respect to groundwater recharge estimates, given that we are seeing some declines in a few areas. We are also taking some time to review the groundwater level data that have been submitted as part of permit conditions. This is taking time but will help us better understand the extent of pumping impacts. We hope to get this done in the next two weeks, at which point I should be able to better answer your question. I apologize for the delay, but we want to make sure we are allocating the resource as responsibly as we can.
Regards - Ivan

Ivan Gall - Manager
Groundwater Section
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271
503.986.0847
ivan.k.gall@wrdd.state.or.us

From: DENNIS [<mailto:djglender@msn.com>]
Sent: Thursday, February 12, 2015 10:31 AM
To: GALL Ivan K
Cc: Tim Puckett; Stacey Puckett
Subject: Golden Rule Farms App G-17952

Good morning Ivan,

Is there any progress in processing Golden Rule Farms App G-17952 in light of your discussions concerning Water Watch and the possibility a portion of this application can be permitted?

Thanks,

Dennis R. Glender - Agent

GLENDER'S HYDRO TECH SERVICES

8664 SW Sand Ridge Rd, Crooked River Ranch, Oregon 97760

Telephone Cell (541) 219-0806

E-mail – djglender@msn.com

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Ivan Gall

Date: August 6, 2014

From: Mike Zwart

Subject: Permit G-17592, Golden Rule Farms – Dennis Glender, Agent

I reviewed the material that Dennis Glender recently submitted to you in support of this application. At this time, I believe that it is moot to discuss the merits of targeting potentially different aquifers or modification of well location and/or well construction to avoid findings of PSI at certain proposed wells. The finding that is of greater importance to the processing of the file in question is that groundwater is not available in the amounts requested. The reduction of the total rate from 80.2 to 64.7 cfs was clearly not great enough to cause that finding to be changed in my rereview of the file.

In the case of nearby file G-17581, the applicant, Macomber Ranch, reduced the rate from 34.76 to about 10.6 cfs and the number of wells from 13 to 4, which was judged to be sufficient to avoid this particular finding. However, the permit issued included a requirement to construct one observation well to allow the Department to install monitoring equipment.

Based on the narrative provided for file G-17592, it appears that the applicant wishes to have an in-person meeting with Department staff to negotiate potential amendments to the application. It also appears that the agent is suggesting that the application could be separated into at least two separate filings. I agree that the current application is so large and complex that a meeting with the applicant and agent to explore options is a wise idea. I would be happy to attend such a meeting if I am able to do so.

RECEIVED

27S/32E-10ad

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

DEC 14 1987

Harney 1471

(1) OWNER:

Name Fred Briggs
Address Box 582
City Takeview, State Ore Zip
WATER RESOURCES DEPT.
SALEM, OREGON

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Normal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 100 ft.
Yes No

Explosives used Type Amount

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	18	cement	0	18	10 sacks
12"	18	100				

How was seal placed: Method A B C D E
 Other

Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12"	+1	32	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 32'

(7) PERFORATIONS/SCREENS: No

Perforations Method
 Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
500	0	100	1 hr.

Temperature of water 54 Depth Artesian Flow Found

Was a water analysis done? Yes By whom

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Harney Latitude Longitude
Township 27S N or S, Range 32 E. E or W, WM.
Section 10 SE 1/4 NE 1/4
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) Approx. 35 miles SE of Burns, 1/2 miles S. of Sod-house-Princeton road.

(10) STATIC WATER LEVEL:

40 ft. below land surface. Date 11-12-87
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
90	100	500 gpm	45

(12) WELL LOG:

Ground elevation 4150.

Material	From	To	SWL
Soil	0	10	0
Clay, brn	10	26	0
Rock, hard black	26	90	0
Cinders, red & black, W-B	90	100	45

Date started 11-7-87 Completed 11-10-87

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed _____ WWC Number _____
Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed Harold Woodruff WWC Number 1254
Date 12-1-87

WATER WELL REPORT
STATE OF OREGON

RECEIVED
SEP 10 1985

State Well No. 275/33E-1aa

State Permit No. Alana 1475

WATER RESOURCES DEPT.

(1) OWNER: SALEM, OREGON

Name Ralph Killinger
Address P.O. Box 25
City Princeton State Oregon

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

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
 Bored Thermal: Withdrawal Reinjection

(5) CASING INSTALLED: Steel Plastic
Threaded Welded
12" Diam. from +1 ft. to 84 ft. Gauge 250

LINER INSTALLED:
" Diam. from ft. to ft. Gauge

(6) PERFORATIONS: Perforated? Yes No
Type of perforator used

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Killinger
id: 1200 gal./min. with 35 ft. drawdown after 12 hrs.

(9) CONSTRUCTION: Special standards: Yes No

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 20 sacks
How was cement grout placed? Cement Pump + T.V. pipe
Was pump installed? Yes Type Tur HP 15 Depth 25 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 Harnoy Driller's well number 1245
NE 1/4 NE 1/4 Section 1 T. 27S R. 33E W.M.
Tax Lot # GOVT LOT 1 Lot Blk Subdivision
Address at well location: P.O. Box 25 Princeton

(11) WATER LEVEL: Completed well
Depth at which water was first found 9 ft.
Static level 9 ft. below land surface. Date 15 July
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12
Depth drilled 270 ft. Depth of completed well 270 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	4	
Clay Brown	4	40	9
Clay Gray	40	70	9
Clay - Sand	70	75	9
Clay Gray	75	105	9
Clay Blue	105	170	9
Clay Gray	170	220	9
Clay - Sand Dark	220	240	9
Clay Gray	240	265	9
Rock	265	270	9

Work started 5 Jul 19 85 Completed 15 Aug 19 85
Date well drilling machine moved off of well 28 Aug 19 85

(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 Issued by: Fidelity Co
(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 Ralph Killinger (Type or print)
Address P.O. Box 25 Princeton, Or 97721
[Signed] Ralph Killinger
Water Well Constructor
1245 Date 28 Aug, 19 85

NOTICE TO WATER WELL CONSTRUCTOR
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*45292-690

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

HARN 14 8735

WELL I.D. LABEL# L 109037
START CARD # 1017571
ORIGINAL LOG #

9/2/2012

(1) LAND OWNER Owner Well I.D. _____
First Name MATT Last Name KING
Company _____
Address PO BOX 657
City BURNS State OR Zip 97720

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Casing: Dia + From To Gauge Stl Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal: _____

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
Depth of Completed Well 139.00 ft.

BORE HOLE SEAL sacks/lbs

Dia	From	To	Material	From	To	Amt	lbs
16	0	18	Bentonite Chips	0	18	20	S
12	18	168					

How was seal placed: Method A B C D E
 Other POURED & TAMPED
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____
Explosives used: Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount _____ Actual Amount _____

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
 12 1.5 90 .250
Shoe Inside Outside Other Location of shoe(s) _____
Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method RECEIVED BY OWRD
Screens Type _____ Material _____
Perf/ Casing/ Screen Dia From To Scrn/slot Slot # of Tele/ Screen Liner Dia From To width Depth Slots pipe size
OCT 11 2012
SALEM, OR

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
800 130
Temperature 52 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County HARNEY Twp 27.00 S N/S Range 34.00 E E/W WM
Sec 6 SW 1/4 of the NW 1/4 Tax Lot 800
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address

60664 ANDERSON
PRINCETON, OR. 97721

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration _____
Completed Well 8/30/2012 _____ 19
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 19.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>8/30/2012</u>	<u>19</u>	<u>168</u>	<u>800</u>		<u>19</u>

(11) WELL LOG Ground Elevation _____

Material	From	To
topsoil clay loam	0	1
clay brown	1	34
clay green	34	70
sand fine black	70	75
clay green	75	130
sandstone brown soft	130	157
sand fine black	157	162
cinders multi colored	162	168

well cased to 139 after air test

Date Started 8/29/2012 Complete 8/30/2012

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number _____ Date _____
Signed _____

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1424 Date 9/2/2012
Signed TIMOTHY K RILEY (E-filed)
Contact Info (optional) _____

RECEIVED

OCT 2 1959

1461
HARD

27/31-1E
6(1)

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

STATE ENGINEER WATER WELL REPORT

SALEM, OREGON STATE OF OREGON

State Well No. G1593 State Permit No.

(1) OWNER:
Name: John Crow
Address: Princeton Oregon

(2) LOCATION OF WELL:
County: HARNEY Owner's number, if any—
¼ Section 1 T. 27 R. 318 E.W.M.
Bearing and distance from section or subdivision corner
From NW Section corner Sec 1 T. 27 S. R. 31 E. W. M. there is 15' 00" south along the ¼ sec. line, then 21' east.

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other
(5) TYPE OF WELL: Rotary Cable Dug Driven Jetted Bored

(6) CASING INSTALLED: Threaded Welded
12" Diam. from 0 ft. to 16 ft. Gage 4"
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) 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.

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

(9) CONSTRUCTION: Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? Dunp Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 12'-4" ft. below land surface Date
Artesian pressure lbs. per square inch Date

Log Accepted by:
[Signed] John Crow (Owner) Date Sept 9, 1959

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Crow
Yield: 1400 gal./min. with 9 ft. drawdown after 8 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 12" inches.
Depth drilled 118 ft. Depth of completed well 118 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
<u>Top soil</u>	<u>0</u>	<u>5</u>
<u>Hard pan</u>	<u>5</u>	<u>12</u>
<u>Gray basalt rock</u>	<u>12</u>	<u>71</u>
<u>Red cinders</u>	<u>71</u>	<u>99</u>
<u>Black lava rock</u>	<u>99</u>	<u>103</u>
<u>Black cinders</u>	<u>103</u>	<u>110</u>
<u>yellow bentonite</u>	<u>110</u>	<u>118</u>

Work started July 18, 1959 Completed Sept 5, 1959

(13) PUMP: Manufacturer's Name Berkley 8" Coleman
Type: belt drive H.P.

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME John W. Rosberg (Type or print)
Address Princeton Ore.
Driller's well number
[Signed] John W. Rosberg (Well Driller)
License No. 272 Date Sept 9, 1959

STATE ENGINEER
Salem, Oregon

State Well No. 27/31-16(1)

County HARNEY

Application No. G1593

Water Level Record

OWNER: John Crow OWNER'S NO. _____

Description of measuring point: Lip of access pipe at LSD.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
5-10-61	13.65				
12-12-61	13.99	JS 10			

REMARKS: _____

HARN 51291

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL ID. # L 53116
 START CARD # 185584

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
 Name Gary Wilson
 Address P.O. Box 3010
 City Princeton State OR Zip 97721

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 162'
 Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	
18"	0	22'	Bentonite	22'	8'	28	
14"	22'	162'	Cement	8'	0'	10	

How was seal placed: Method A B C D E
 Other Bentonite was packed
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 14"	+1'	99'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>None</u>							

(8) WELL TESTS: Minimum testing time is 1 hour

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	Flowing <input type="checkbox"/> Artesian
Yield gal/min	Drawdown	Drill stem at	Time
900 gpm	27'		1 hr.
			14 hr

Temperature of water 58° Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Harney Latitude _____ Longitude _____
 Township 27 N or S Range 33 E or W. WM.
 Section 1 NE 1/4 SE 1/4
 Tax Lot 300 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
15 ft. below land surface. Date 7-18-06
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 19'

From	To	Estimated Flow Rate	SWL
19'	25'	10 gpm	15'
148'	162'	1500 gpm	15'

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
Top Soil	0	2'	
Brown Clay	2'	31'	15'
Blue Clay	31'	89'	15'
Gray Clay	89'	126'	15'
Black Clay	126'	141'	15'
Gray Clay	141'	148'	15'
Gray Clay - Fine Sand	148'	162'	15'

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AUG 07 2006

WATER RESOURCES DEPT
 SALEM, OREGON

Date started 6-25-06 Completed 7-18-06

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 Signed George Valentin WWC Number 1675 Date 7-18-06

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

HARN 52056

6/10/2014

WELL I.D. LABEL# L 109975
START CARD # 1021659
ORIGINAL LOG #

(1) LAND OWNER
Owner Well I.D.
First Name JIM Last Name GILMOUR
Company
Address 30427 STELLMACHER DR
City ALBANY State OR Zip 97321-9402

(2) TYPE OF WORK
[X] New Well [] Deepening [] Conversion
[] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thr
Casing: [] [] [] [] [] [] [] []
Material From To Amt sacks/lbs
Seal: [] [] [] [] [] [] [] []

(3) DRILL METHOD
[X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE
[] Domestic [X] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION
Special Standard [] (Attach copy)
Depth of Completed Well 610.00 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, lbs. Rows include Bentonite Chips and Cement.

How was seal placed: Method [] A [X] B [] C [] D [] E
[X] Other BENTONITE CHIPS
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: [] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thr
Shoe [] Inside [] Outside [] Other Location of shoe(s)
Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material
Perf/ Casing/ Screen Scrm/slot Slot # of Tel/
Screen Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
[] Pump [] Bailer [X] Air [] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
Temperature 58 °F Lab analysis [] Yes By
Water quality concerns? [] Yes (describe below) TDS amount

(9) LOCATION OF WELL (legal description)
County HARNEY Twp 27 S N/S Range 34 E E/W WM
Sec 5 SW 1/4 of the SE 1/4 Tax Lot 600
Tax Map Number Lot
Lat " or 43.25753000 DMS or DD
Long " or -118.55072600 DMS or DD
[] Street address of well [X] Nearest address
APPROX 200 YDS FROM MM40 ON HWY 78, PRINCETON, OR

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 11/18/2013 20
Flowing Artesian? [] Dry Hole? []

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Rows include dates 11/12/2013 and 11/15/2013.

(11) WELL LOG
Ground Elevation 4075.00
Material From To
sandy clay brown 0 4
clay brown 4 34
clay blue 34 110
quartz sand black & white 110 115
clay blue with cracks of sand 115 162
basalt black 162 241
fractured basalt black 241 610
RECEIVED BY OWRD
JUL 03 2014
SALEM OR

Date Started 11/11/2013 Complete 11/18/2013

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 1896 Date 11/20/2013
Signed TONY HACKETT (E-filed)

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1899 Date 6/10/2014
Signed SAM P KINGREY (E-filed)
Contact Info (optional)

HARN 52056





WATER SUPPLY WELL REPORT - continuation page

HARN 52056

WELL I.D. LABEL# **L 109975**
 START CARD # **1021659**
 ORIGINAL LOG #

6/10/2014

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
								
Material		From		To	Amt	sacks/lbs		

Water Quality Concerns

From	To	Description	Amount	Units

(5) BORE HOLE CONSTRUCTION

BORE HOLE			SEAL			sacks/ lbs
Dia	From	To	Material	From	To	Amt
10	220	610				

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)





















FILTER PACK

From	To	Material	Size

(11) WELL LOG

Material	From	To

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
									
									
									
									

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Screen Liner	Screen Dia	From	To	Scrm/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Comments/Remarks

GLENDER'S HYDRO TECH SERVICES

8664 SW Sand Ridge Rd, Crooked River Ranch, Oregon 97760

Telephone (541) 219-0806

E-mail – djglender@msn.com

MEMO

August 3, 2014

**TO: Ivan Gall – Hydro Geologist
Oregon Water Resources Dept**

FM: Dennis R. Glender

**Subject: Water Right Application G-17592 submitted by Golden
Rule Farms, Inc (GRF)**

Ivan,

As per our telephone conversation on Wednesday, July 30, 2014, concerning Water Right Application G-17592, please find supporting information enclosed in this E-mail for your consideration in an attempt to gain a favorable ground water review for this application.

I have divided the application into 2 geologic areas for consideration, Sodhouse Area and Anderson Valley-Junk Yard Area. GRF was advised by the Watermasters office in Burns to file on all the rights they intended to develop. In that process, 2 different geologic areas were included in one application.

SODHOUSE AREA

I believe this area seems to be of the most concern in the unfavorable ground water review sighting potential for substantial interference with a surface water source.

GRF is most interested in locating wells in the center of the NE $\frac{1}{4}$ & SE $\frac{1}{4}$, Section 34, SW $\frac{1}{4}$ Section 35, T 26 S, R 32 E.

Center of Section 2 (22on map), Center of the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$, Section 2 and expanding an existing well in the NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 10 (Permit G-12262, Harn 1471), SW corner SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 5 and center of the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 9, Expanding right to existing well SE Corner NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 6, (Permit G-12938), T 27 S, R 32 E.

Expanding right to existing well nr Center of the NE $\frac{1}{4}$, Section 1, (Certificate 32394) Section 9, T 27 S, R 31 E.

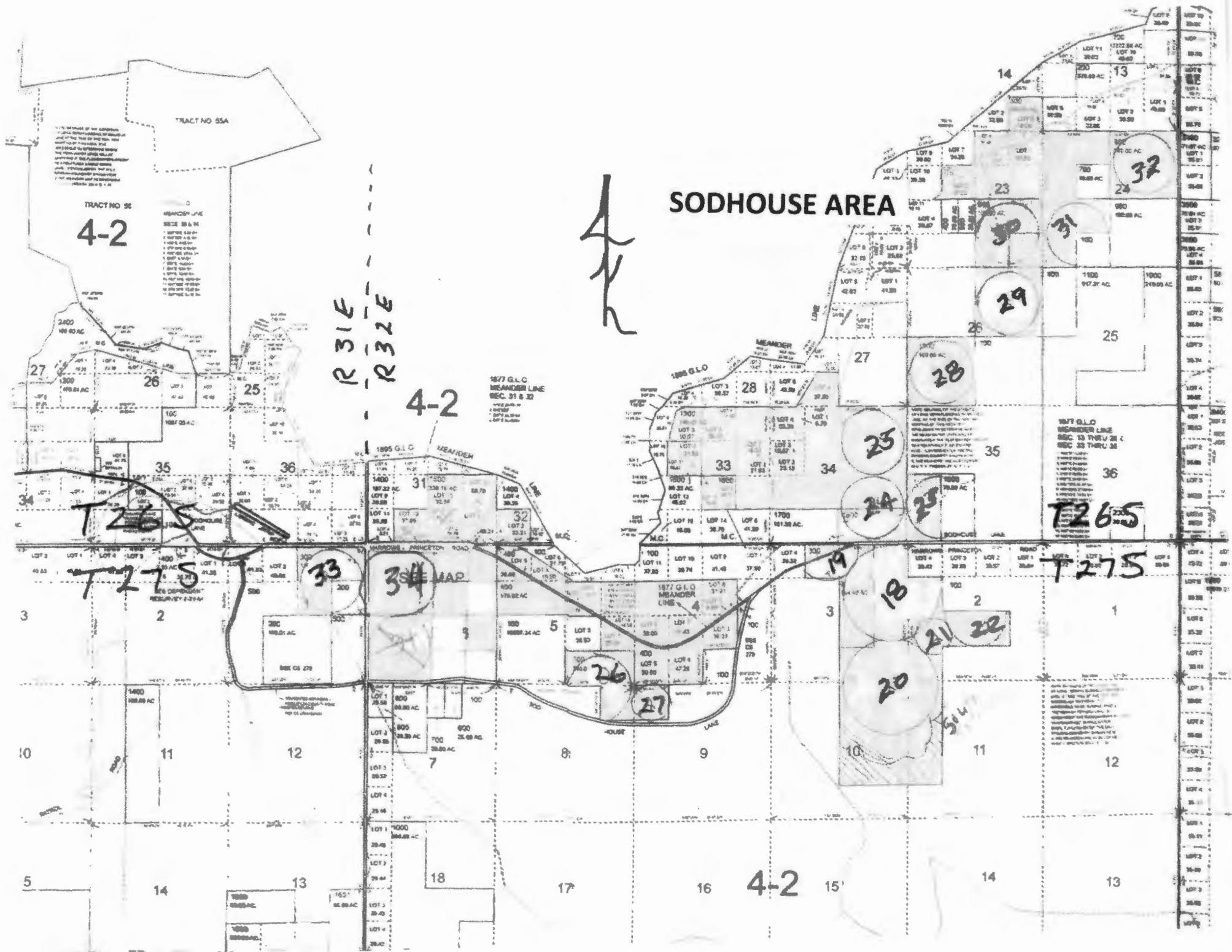
Well logs Harn 1461 & 1471 are attached. There seems to be a significant basalt layer confining the ground water but GRF's initial review insists there is direct connection to Malhuer Lake. GRF is contemplating drilling a stock well in the NE $\frac{1}{4}$ of Section 34, T 26 S, R 32 E with the idea of exploring for water at depth. If a significant new water resource were to be discovered, what would OWRD consider significant data to differentiate aquifers? Differential in head, how may feet \pm ? Significant new solid basalt layer, how may feet \pm ? Any other factors?

GRF is also contemplating amending the application for this area, however GRF would like to sit down and negotiate these amendments.

ANDERSON VALLEY-JUNK YARD AREA

Anderson Valley-Junk Yard area seems to be developing water from a completely different geologic water bearing zone. GRF requests that this area be evaluated on it' own merits. I have attached well logs Harn 51875 & 52056 as examples for Briggs 6, 7 & 8, however I am unable to located respectable wells nr Briggs 9, 5, 16, 14,13,17,11 & 16. Nearest well is located approximately 2 miles to the East in Section 16.

GRF is also contemplating amending the application for this area, however GRF would like to sit down and negotiate these amendments.



SODHOUSE AREA

AK

TRACT NO 56
4-2

- MEANDER LINE
- SEC 28 & 24
- 1877 G.L.C.
- 1878 G.L.C.
- 1879 G.L.C.
- 1880 G.L.C.
- 1881 G.L.C.
- 1882 G.L.C.
- 1883 G.L.C.
- 1884 G.L.C.
- 1885 G.L.C.
- 1886 G.L.C.
- 1887 G.L.C.
- 1888 G.L.C.
- 1889 G.L.C.
- 1890 G.L.C.

R31E
R32E

4-2

1877 G.L.C.
MEANDER LINE
SEC. 31 & 32

33

34 MAP

T265

T275

T265

T275

32

29

28

25

24

25

26

27

18

20

21

22

5

14

13

18

17

16

4-2

15

14

13

14

13

25

36

12

13

12

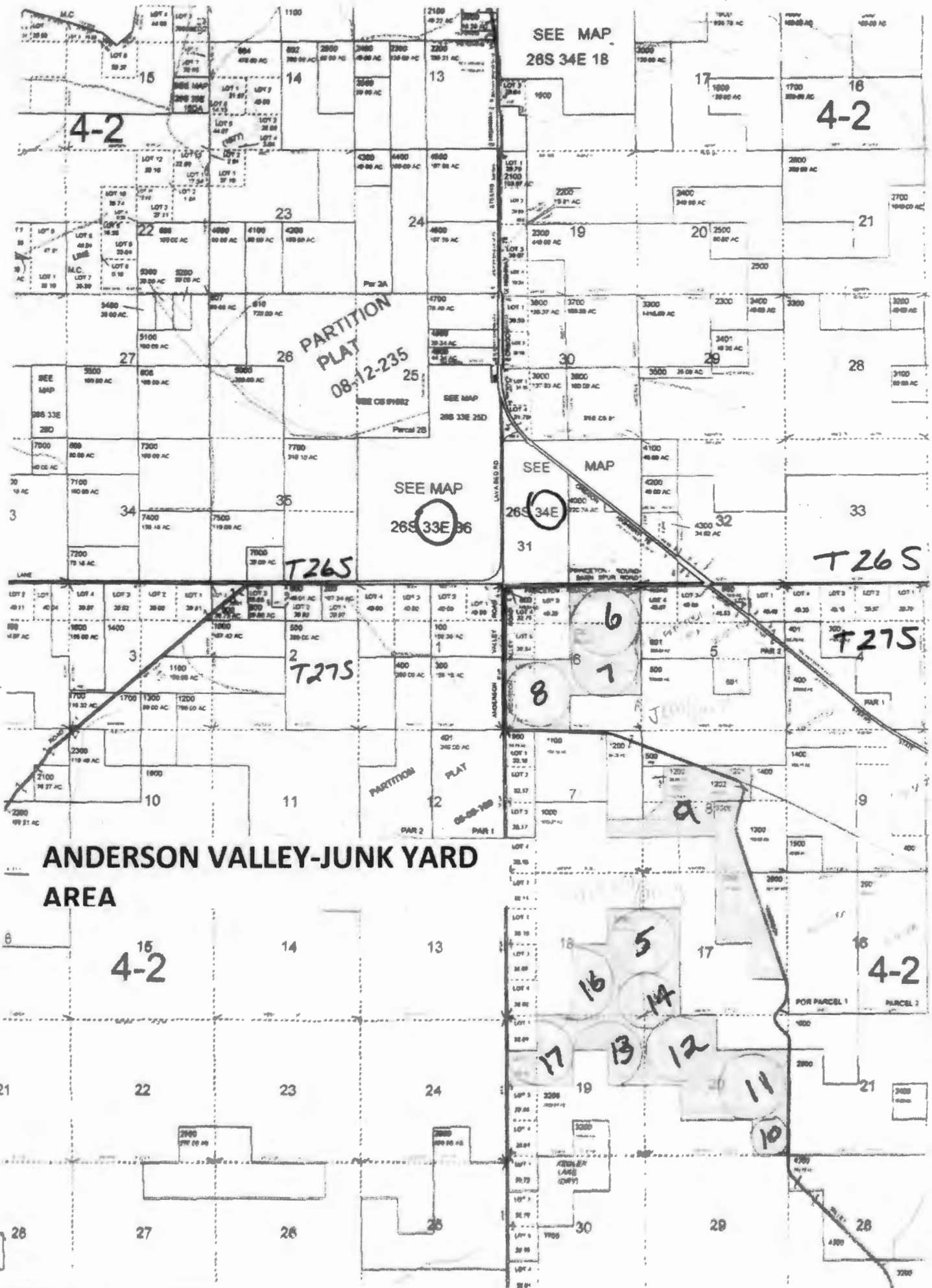
11

10

9

8

7



ANDERSON VALLEY-JUNK YARD AREA

SEE MAP
26S 34E 18

PARTITION
PLAT
08-12-235

SEE MAP
26S 33E 36

SEE MAP
26S 34E 18

T26S

T26S

T27S

T27S

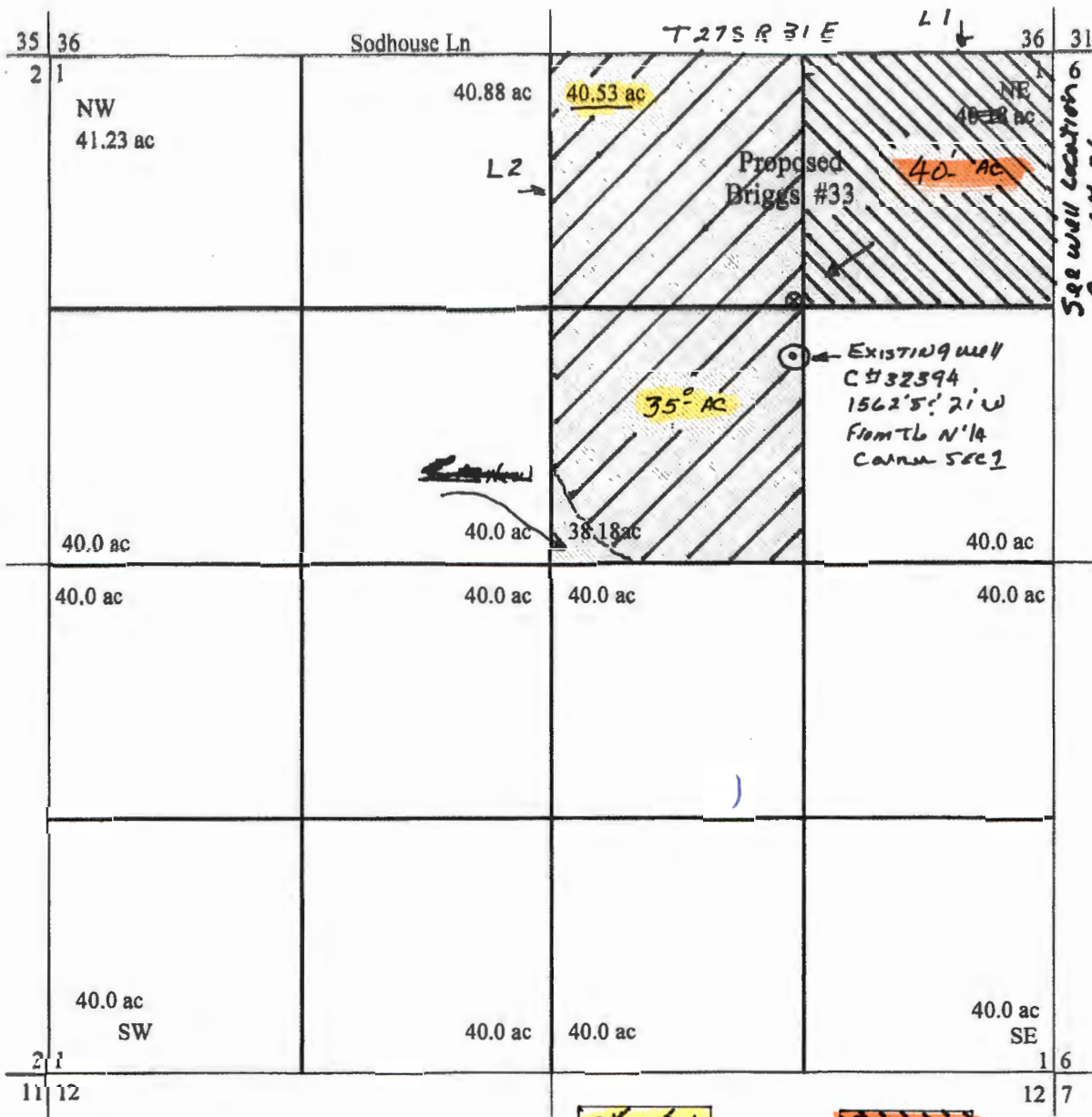
PARTITION
PLAT
08-08-188

AK

4-2

4-2

ANDERSON VALLEY-JUNK YARD AREA



Briggs #33

To be located 1,320 feet South and 1,320 feet West of the NE corner of Section 1

DR

total 115.63

my copies of amended maps

✓ In T27S R31E W.M.
Section 1
Tax Lot 300: 118.89 acres
1" = 880 feet

G-17592

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JAN 13 2014

SALEM, OR

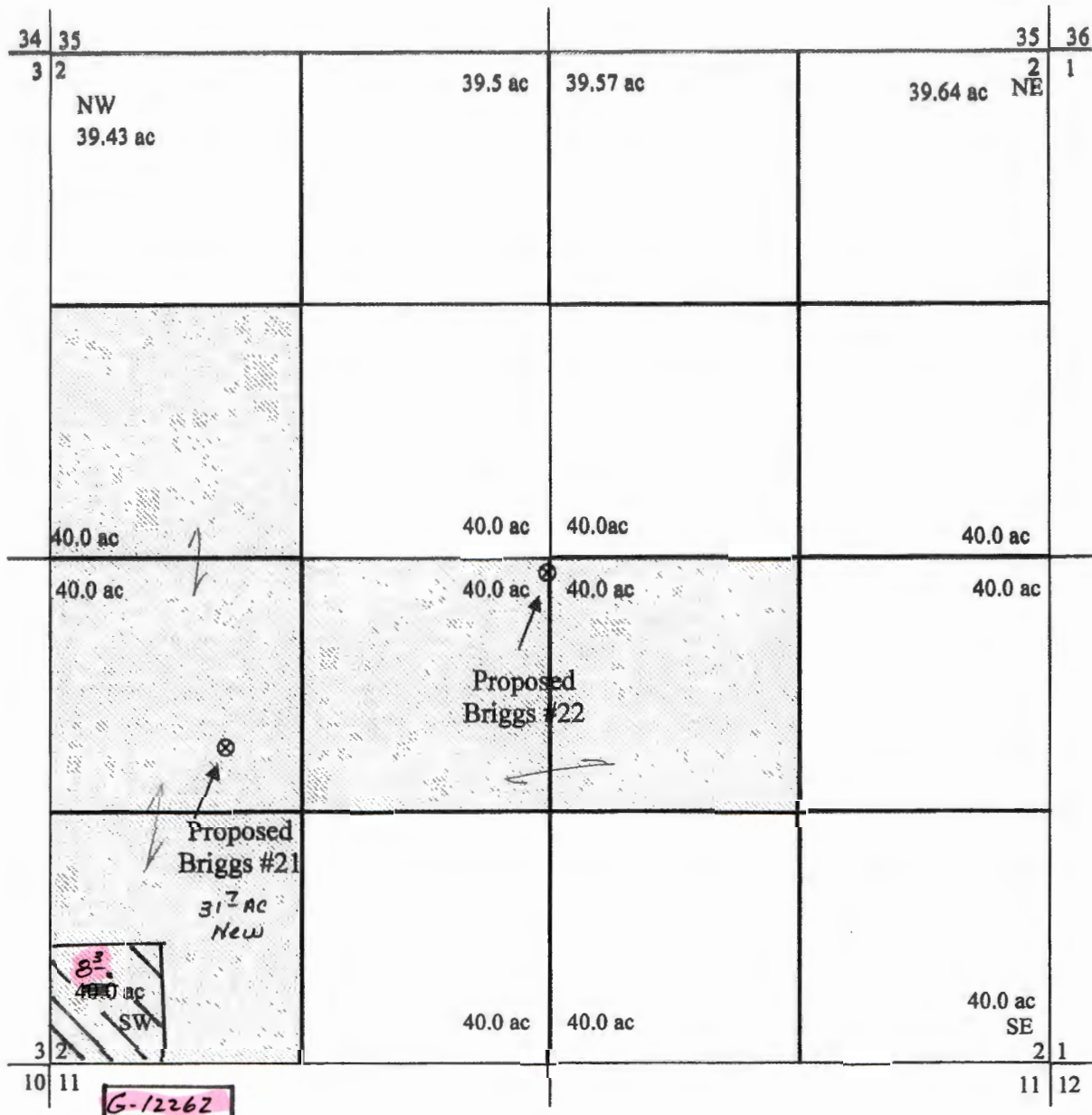
RECEIVED BY OWRD

OCT 23 2012

SALEM, OR

C# 32394

P.G. 12938



Briggs #21

To be located 1,650 feet North
and 920 feet East of the SW
corner of Section 2

Briggs #22

To be located 2,640 feet North
and 2,640 feet East of the SW
corner of Section 2

In T27S R32E W.M.
Section 2
Tax Lot 200: 200.0 acres
1" = 880 feet

total 8.3

RECEIVED BY OWRD

JAN 13 2014

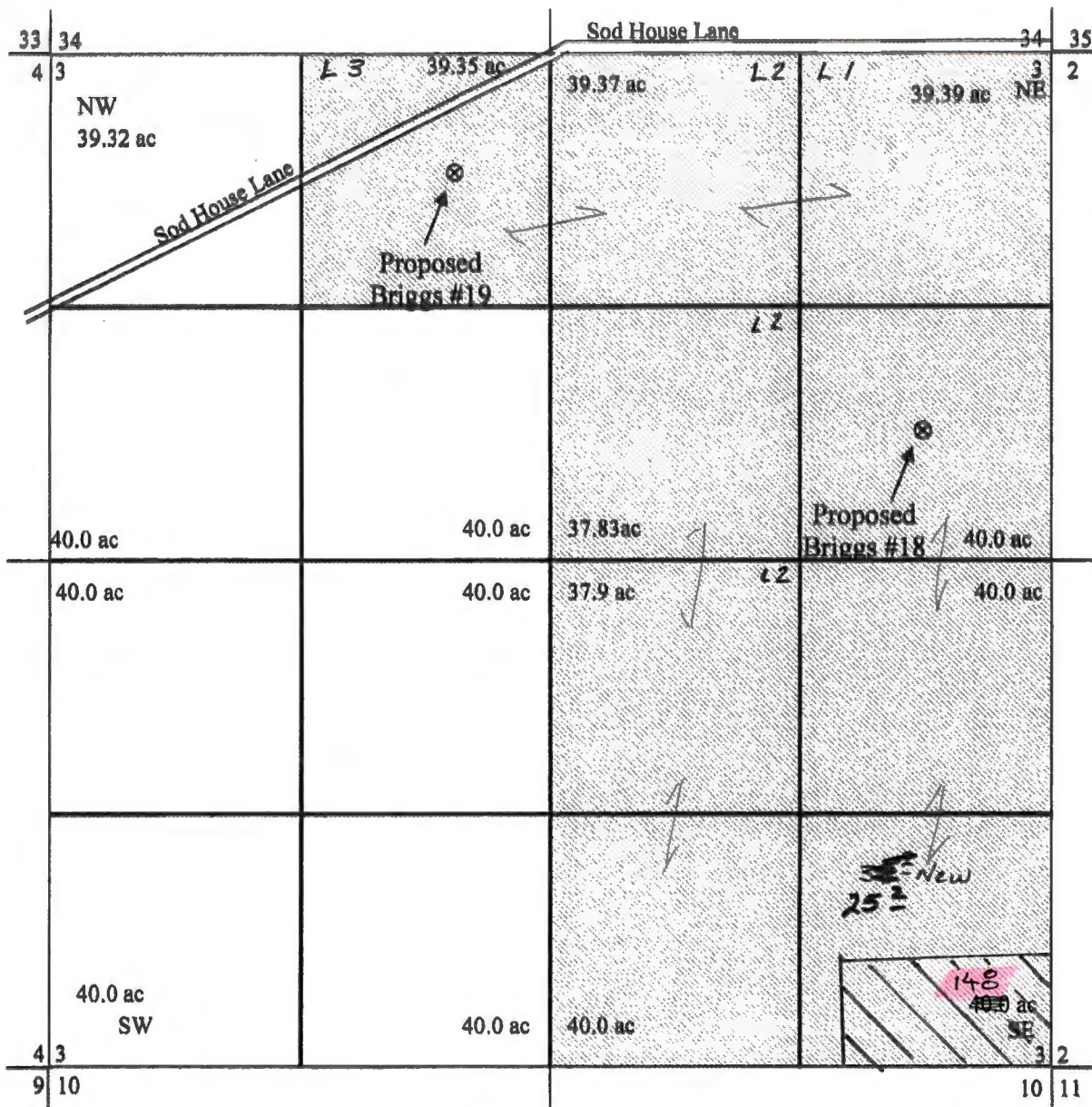
SALEM, OR

RECEIVED BY OWRD

DEC 19 2012

SALEM, OR

G-17592



Briggs #18

To be located 1,980 feet South
and 70 feet West of the NE
corner of Section 3

Briggs #19

To be located 750 feet South
and 2,140 feet East of the NW
corner of Section 3

G-12262

RECEIVED BY OWRD

JAN 13 2014

SALEM, OR

In T27S R32E W.M.
Section 3
Tax Lot 200: 199.39 acres
Tax Lot 300: 154.45
1" = 880 feet

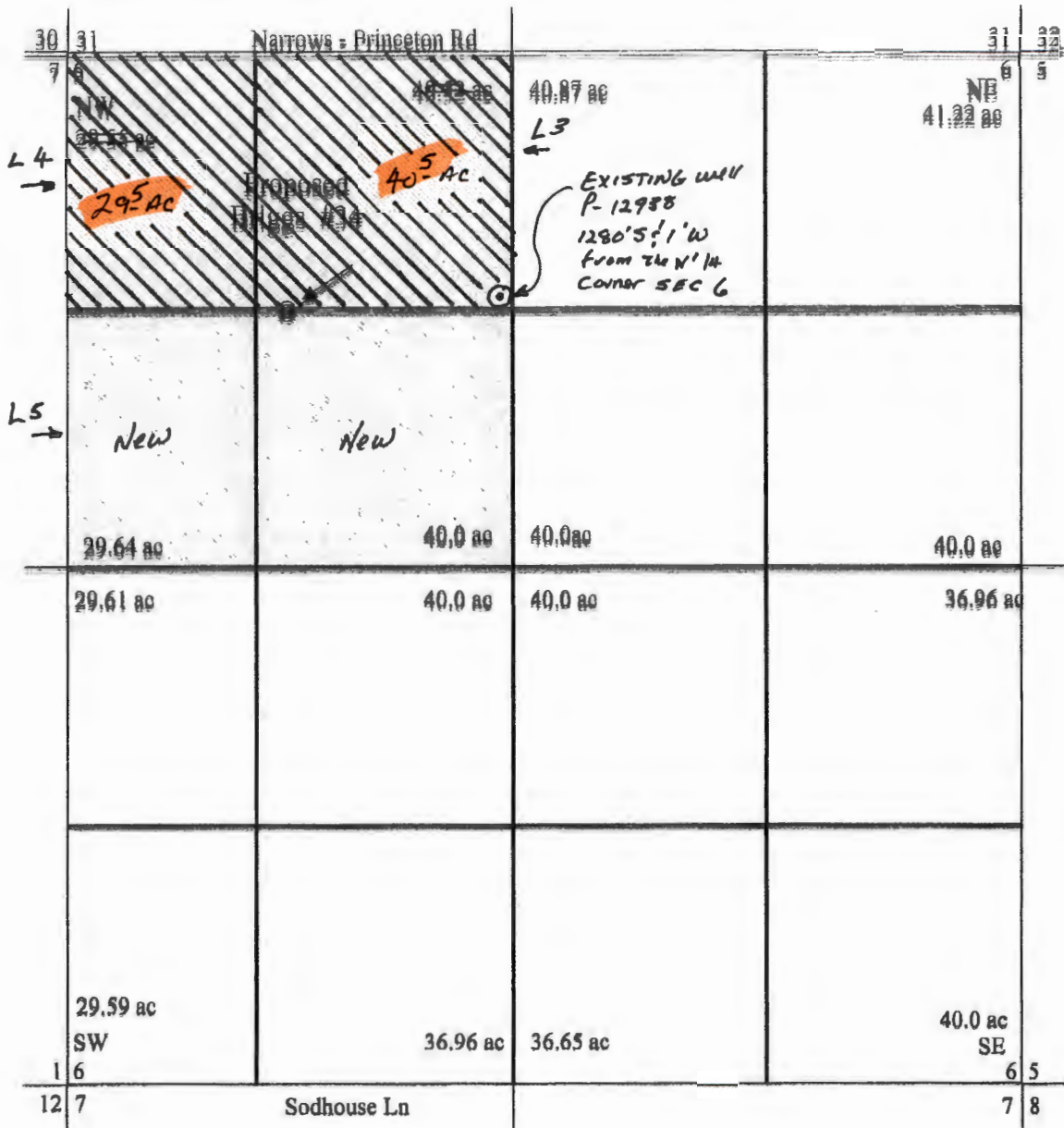
total 14.8

RECEIVED BY OWRD

DEC 19 2012

SALEM, OR

G-17592



Briggs #34

P.S. 12958

To be located 1,320 feet South
and 1,145 feet West of the
NW corner of Section 6

DRG

total 70

In T27S R32E W.M.
Section 6
Tax Lot 100: 70.07 acres
Tax Lot 200: 29.64 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

G-17592

RECEIVED BY OWRD

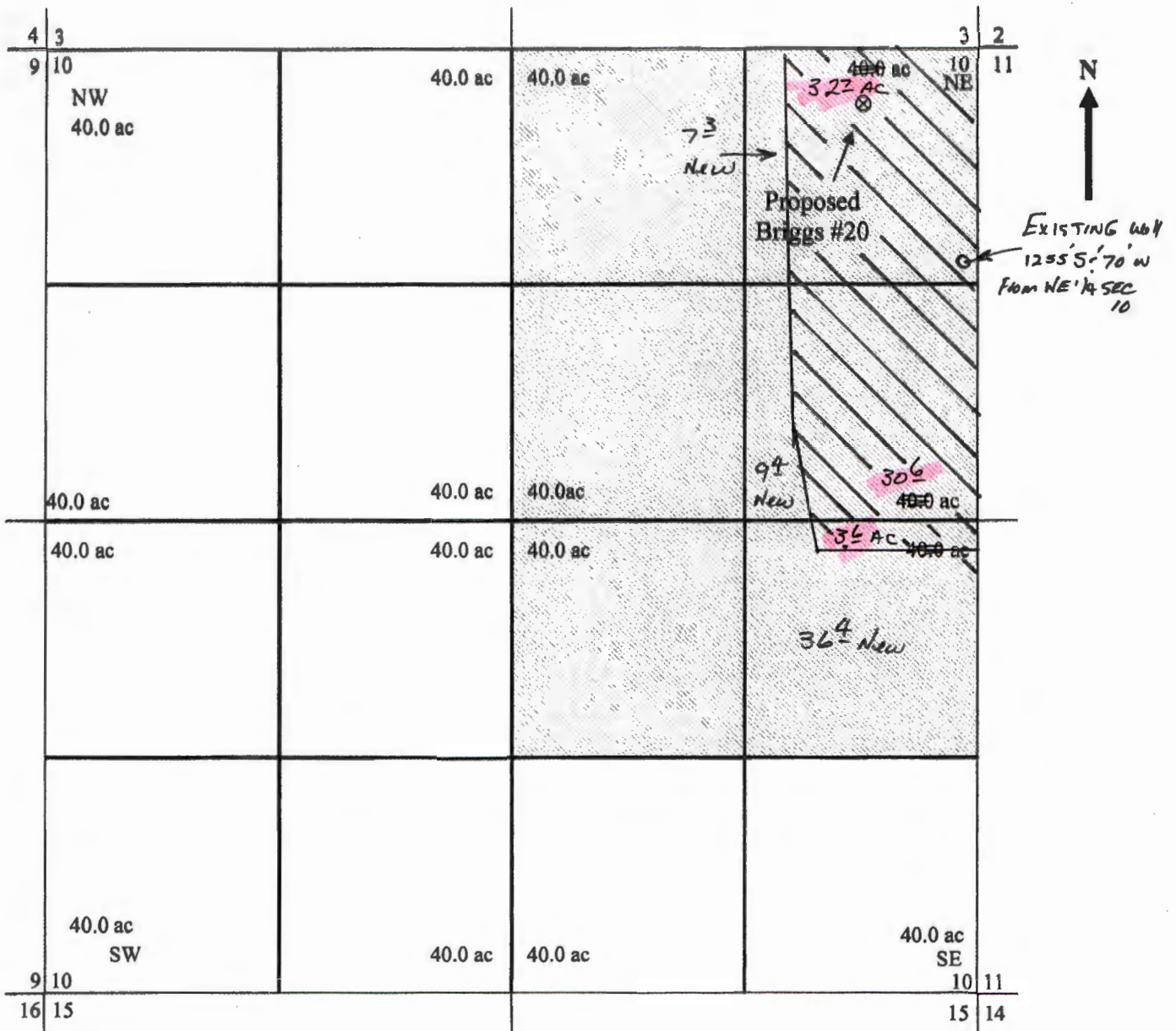
JAN 13 2014

SALEM, OR

RECEIVED BY OWRD

DEC 19 2012

SALEM, OR



Briggs #20

To be located 290 feet South and 660 feet West of the NE corner of Section 10

DRG

total 66.9

In T27S R32E W.M.
Section 10
Tax Lot 200: 240.0 acres
1" = 880 feet

G-17592

G-12262

RECEIVED BY OWRD

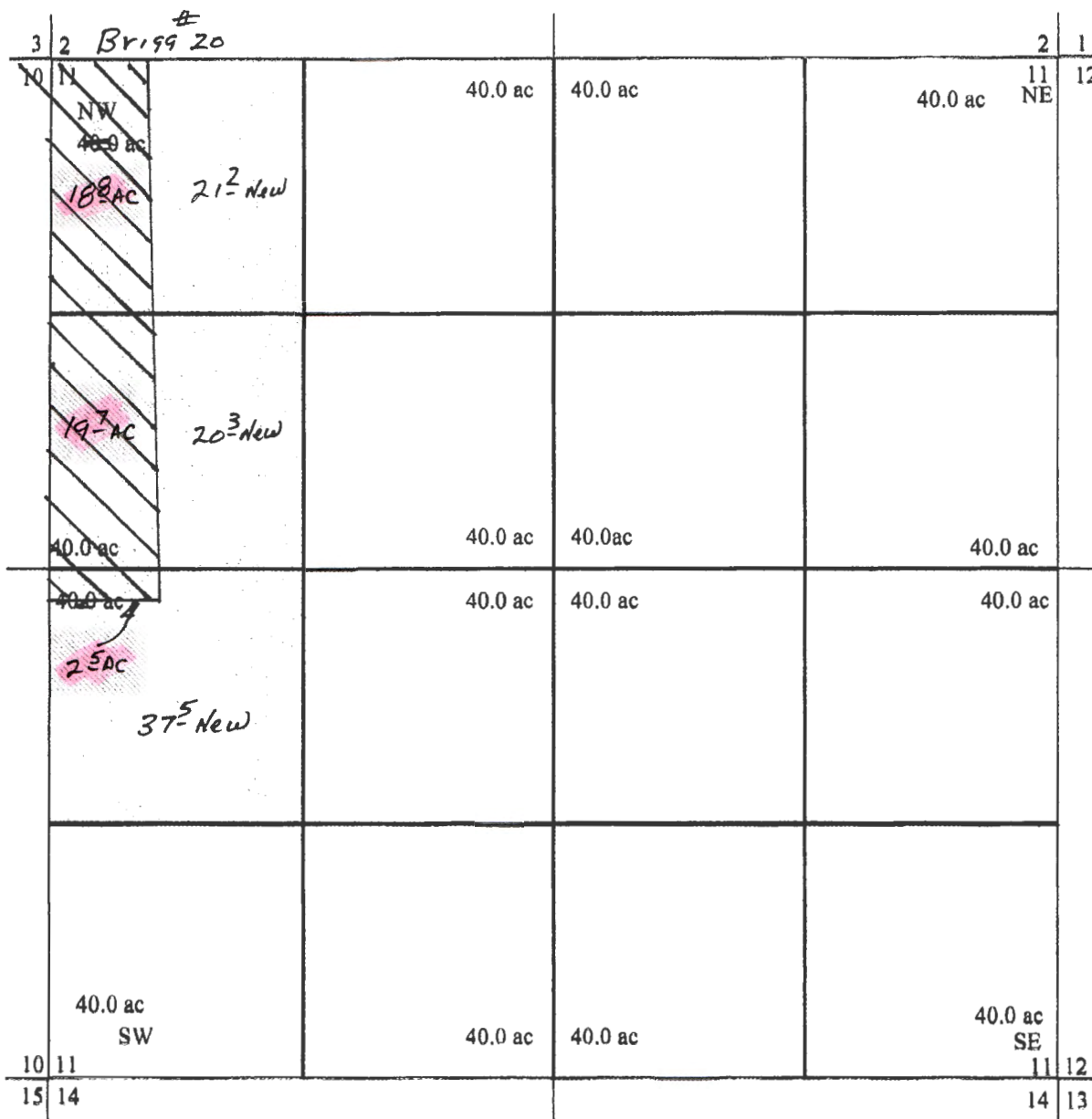
JAN 13 2014

SALEM, OR

RECEIVED BY OWRD

OCT 26 2012

SALEM, OR



G-12262

total 41

In T27S R32E W.M.
 Section 11
 Tax Lot 200: 120.0 acres
 1" = 880 feet

G-17592

RECEIVED BY OWRD

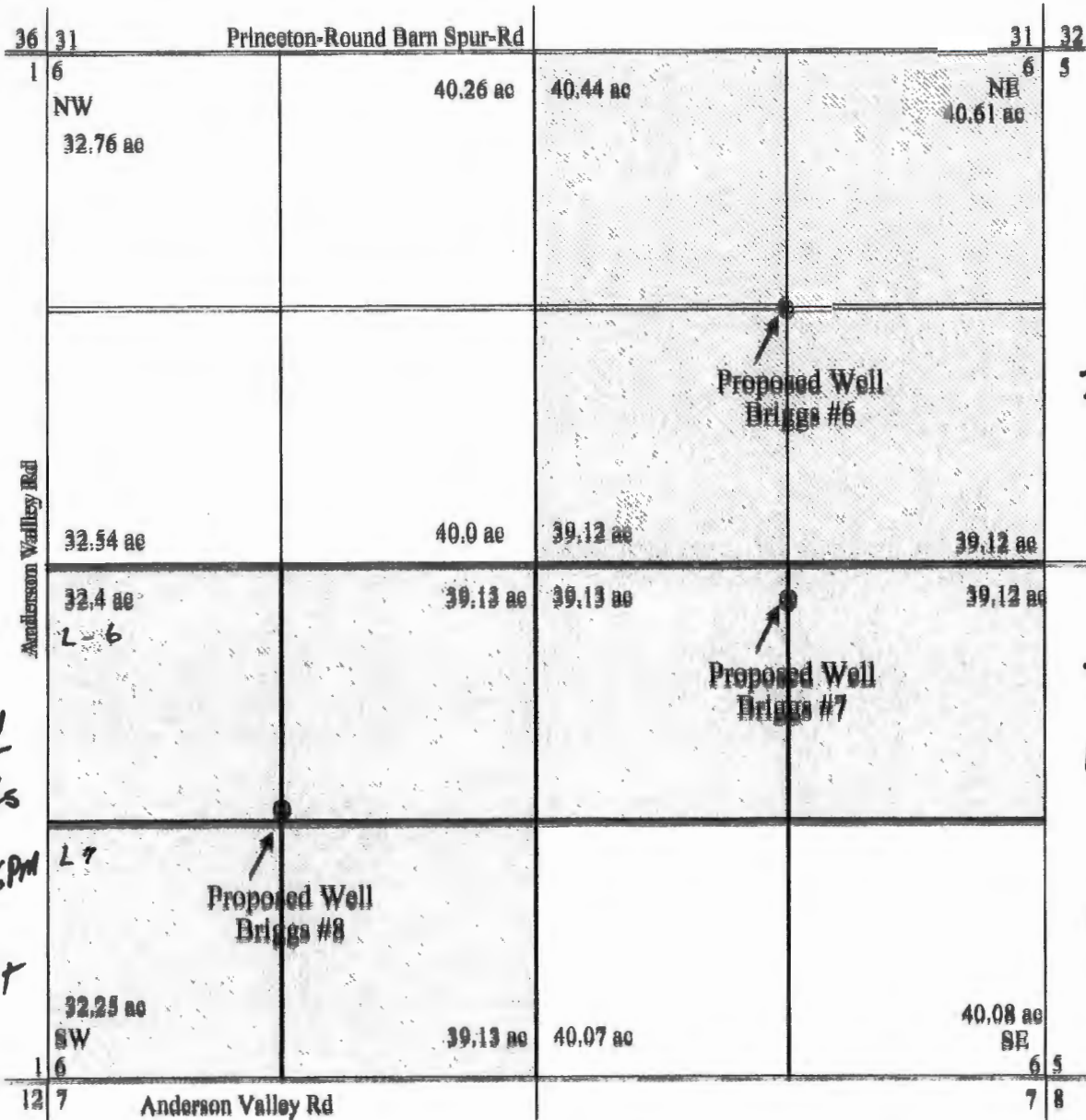
JAN 13 2014

SALEM, OR

RECEIVED BY OWRD

OCT 26 2012

SALEM, OR



Briggs #6

To be located 1,320 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #7

To be located 2,790 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #8

To be located 1,320 feet North and 1,315 feet East of the SW corner of Section 6

RECEIVED BY OWRD

JAN 13 2014

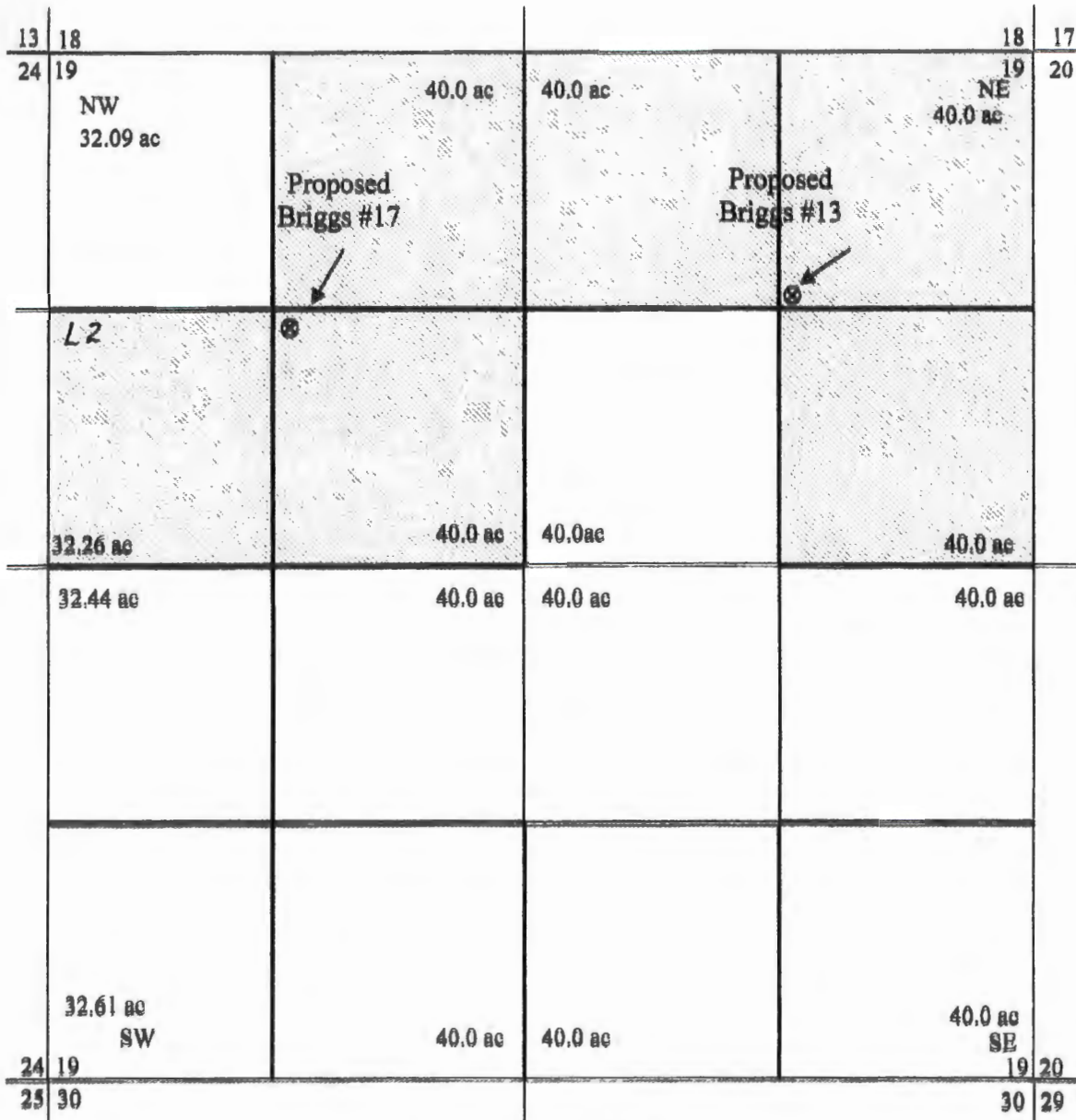
SALEM, OR

In T27S R34E W.M.
 Section 6: SW1/4 + NE1/4 + N1/2 SE1/4
 Tax Lot 700: 380.45 acres
 1" = 880 feet

RECEIVED BY OWRD

DEC 19 2012

SALEM, OR



Briggs #13

To be located 1,310 feet South
and 1,310 feet West of the NE
corner of Section 19

Briggs #17

To be located ^{1,400}~~1,310~~ feet East
and 1,400 feet South of the
NW corner of Section 19

DEC

RECEIVED BY OWRD

JAN 13 2014

SALEM, OR
RECEIVED BY OWRD

DEC 19 2012

SALEM, OR

In T27S R34E W.M.
Section 19
Tax Lot 3100: 232.26 acres
1" = 880 feet

G-17592

EASTMAN Jeana M

From: EASTMAN Jeana M
Sent: Monday, March 17, 2014 10:30 AM
To: 'DENNIS'
Cc: Tim Puckett; JOHNSON JR
Subject: RE: G-17592, Golden Rule Farms - GW re-review attached
Attachments: G-17592-corr-2014-03-17.pdf

Hi Dennis -

Please find the approval letter attached.

Thanks,



Jeana Eastman ★★★ Water Right Application Analyst ★★★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

From: DENNIS [mailto:djglender@msn.com]
Sent: Thursday, March 13, 2014 4:18 PM
To: EASTMAN Jeana M
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - GW re-review attached

Please put Application G-17592 on 180 day administrative hold so that I may consult with Golden Rule Farms when I return in April 2014.

Thank you,

Dennis R. Glender - Agent

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
Subject: G-17592, Golden Rule Farms - GW re-review attached
Date: Wed, 12 Mar 2014 18:13:07 +0000

Hi Dennis -

The amendments did not change the Department's original findings that ground water will not likely be available within the capacity of the resource, and without injury. Please see the attached re-review.

Please also note I clarified with Mike and Ivan that the ground water finding had not changed, and that the "...will if properly conditioned..." box is checked *only* in the event that the Department findings are changed. The "no GW available" trumps this.

Currently the file is not on administrative hold. Please let me know how the applicant wishes to proceed.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

From: DENNIS [<mailto:djglender@msn.com>]
Sent: Thursday, February 20, 2014 5:42 PM
To: EASTMAN Jeana M
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Thank you,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Fri, 21 Feb 2014 01:21:15 +0000
Great; thank you. And thanks for sticking with this to get it resolved.

I'll get these revisions sent off to GW staff for their review.

Have a good evening,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

From: DENNIS [<mailto:djglender@msn.com>]
Sent: Tuesday, February 18, 2014 11:06 AM
To: EASTMAN Jeana M
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Hi Jeana,

I finally figured out Briggs 33 and used the legal description listed on Certificate 32394 as the well location. Please find amended Briggs 33 map attached,

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
CC: goldenrulefarms@gmail.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Thu, 13 Feb 2014 00:41:23 +0000
Hi Dennis -

Thanks for the email/explanation and the revised map for Briggs 18.

I'm still not getting my brain around the reference corner for HARN 1461 so I attached a map estimating (*very roughly*, i.e. without a ruler) the well location if it was measured 21' W from the N1/4 corner. This would put it in the SENW. Again, the well seems to be measured from the NE corner, of the NENW (also E 1/16 corner as labeled on the attached map). Please let me know what I'm missing.

For now let's table the 316.63 acres discussion; I think it will make more sense to pick it up when we have more info from the GW Section.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

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<http://oregon.gov/OWRD>

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From: DENNIS [mailto:djglender@msn.com]
Sent: Tuesday, February 04, 2014 12:28 PM
To: EASTMAN Jeana M
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Hi Jeana,

I am responding your you E-mail of Jan 29, 2013.

First, Isn't this fun!

I will go down the list as needed.

I concur on the changes you pointed out through Briggs 34-20" casing.

Concerning Over-appropriation, I believe the amended application deserves another review by the Ground Water section based on the basalt/alluvial portion of the amended application.

Please find attached an amended Briggs 18 location description. Sorry I missed that one.

Concerning Harn 1461 - Certificate 32394 locates the well in the SWNE being 1562' S and 21' E from the N¼. Seeing that this location would put it in the SENE and off the property so I changed that to 21' W. It is still off the N¼.

Concerning the 316.33, because the application is requesting a 1/60th rate instead of the normal 1/80th and these rights already have a 1/80th rate, I believe OWRD would consider this enlargement under a supplemental application?? Does that make sense?

Let me know.

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Wed, 29 Jan 2014 22:36:47 +0000
Hi Dennis -

I want to confirm the amendments we received 1/13/14 and ask a couple questions.

As I understand them, the amendments are:

- wells 18 - 34 have been amended to develop water from basalt

- reduced the overall rate from 80.2 CFS to 64.7 CFS, being 28.2 CFS from alluvial wells 6 - 17, and 36.5 CFS from basalt wells 18 - 34
- revised the rate per each well (as noted on revised page 5)
- amended the acreage to 4177.63 acres (within these acres, I note 316.63 acres having underlying rights)
- Brigg's 17 east coordinate changed to 1400 feet (rather than 1075 feet)
- Brigg's 20 is now "existing well" in NENE, Sec 10, also identified as HARN 1471
- Brigg's 33 is now "existing well" in SWNE, Sec 1, also identified as HARN 1461
- Brigg's 33 has a 12" well casing
- Brigg's 34 is now "existing well" in NWNW, Sec 6, also identified as HARN 1460
- Brigg's 34 has a 20" well casing

QUESTIONS/COMMENTS:

- First and foremost, it is not obvious to me how the ground water over-appropriation determination has been addressed through this amendment. I may not be privy to some info or a conversation you had with GW staff, or maybe the reduction in rate from the alluvial and the change to some development of basalt has resolved this issue, but I wanted to bring it up with you since I'm a little lost on this point.
- The letter indicated that Brigg's 18 west coordinate was corrected but it didn't change (from 700 feet west) and didn't move from the spot on the map originally proposed, therefore it still appears incorrect. We estimated it would be closer to 700 feet west in the location on the map. So my question is: what is the west coordinate for Brigg's 18? (Depending on the answer, we may or may not need a revised map indicating the coordinate.)
- Is the reference corner for "existing well" in SWNE, Sec 1, also identified as HARN 1461, the NE corner, of the NWNE? (the N1/4 corner is indicated and appears incorrect)
- This is not a question but rather a statement about the portion of irrigation that already has underlying rights, the 316.63 acres. I may be jumping the gun a bit in bringing this up as it's really more a matter of semantics than anything. The bottom line of it is that how the Dept describes these acres, meaning what we actually call them, e.g. primary, supplemental, primary to make up a deficiency in rate, comes down to whether or not the wells under App G-17592 and the wells authorized by the existing rights develop the same source or not. What we call them is probably not of huge consequence to GRF. I think they'll either be called supplemental (if sources are different) or primary to make up a deficiency in rate (if sources are the same). If they're supplemental, I don't believe there would be a need for them to be limited to the small amounts described in the amendment to bring the existing rights up to 1/60 CFS/AC; a supplemental source can be allowed up to or more than the limit described by the primary right. However, if they're primary to make up a deficiency in rate, they would most likely be limited to the small amounts described in the amendment since I anticipate that the Dept would only allow 1/60 CFS/AC. Like I said, this hasn't been figured out yet, but I wanted to reply to some extent so we're communicating on this topic. More on this later after I know more...

Thanks,



Jeana Eastman ★ ★ ★ Water Right Application Analyst ★ ★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

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Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

March 17, 2014

GOLDEN RULE FARMS INC
PO BOX 255
CHRISTMAS VALLEY, OR 97641

Reference: File G-17592

Dear Applicant:

On March 13, 2014, the Water Resources Department received an email from your agent, Dennis Glender, requesting an additional 180-day administrative hold to allow you time to review and respond to the Department's February 28, 2014 Public Interest (Division 9) Review.

The Department has determined that a longer administrative hold is reasonable and necessary and has approved your request. The Department will not take any action on this application until Tuesday, September 9, 2014, unless you request we proceed sooner.

It is unlikely that an additional administrative hold will be approved. However, if you need to request additional time, your request will again need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a specific time line which identifies when you anticipate being ready to continue with the application process.

If you have any questions, please contact Jeana Eastman at jeana.m.eastman@state.or.us or 503-986-0812.

Sincerely,

E. Timothy Wallin
Water Rights Program Manager

email: Golden Rule Farms Inc
Dennis Glender
WM #10

cc: file



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

March 17, 2014

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CHRISTMAS VALLEY, OR 97641

Reference: File G-17592

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If you have any questions, please contact Jeana Eastman at jeana.m.eastman@state.or.us or 503-986-0812.

Sincerely,

E. Timothy Wallin
Water Rights Program Manager

email: Golden Rule Farms Inc
Dennis Glender
WM #10

cc: file

EASTMAN Jeana M

From: EASTMAN Jeana M
Sent: Wednesday, March 12, 2014 11:13 AM
To: 'DENNIS'
Subject: G-17592, Golden Rule Farms - GW re-review attached
Attachments: G17592_Golden_Rule_Farms_rereview.pdf

Hi Dennis -

The amendments did not change the Department's original findings that ground water will not likely be available within the capacity of the resource, and without injury. Please see the attached re-review.

Please also note I clarified with Mike and Ivan that the ground water finding had not changed, and that the "...will if properly conditioned..." box is checked *only* in the event that the Department findings are changed. The "no GW available" trumps this.

Currently the file is not on administrative hold. Please let me know how the applicant wishes to proceed.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

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From: DENNIS [mailto:djglender@msn.com]
Sent: Thursday, February 20, 2014 5:42 PM
To: EASTMAN Jeana M
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From: jeana.m.eastman@state.or.us
To: djglender@msn.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Fri, 21 Feb 2014 01:21:15 +0000

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I'll get these revisions sent off to GW staff for their review.

Have a good evening,



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Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

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From: jeana.m.eastman@state.or.us

To: djglender@msn.com

Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Date: Wed, 29 Jan 2014 22:36:47 +0000

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- reduced the overall rate from 80.2 CFS to 64.7 CFS, being 28.2 CFS from alluvial wells 6 - 17, and 36.5 CFS from basalt wells 18 - 34
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QUESTIONS/COMMENTS:

- First and foremost, it is not obvious to me how the ground water over-appropriation determination has been addressed through this amendment. I may not be privy to some info or a conversation you had with GW staff, or maybe the reduction in rate from the alluvial and the change to some development of basalt has resolved this issue, but I wanted to bring it up with you since I'm a little lost on this point.
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rights up to 1/60 CFS/AC; a supplemental source can be allowed up to or more than the limit described by the primary right. However, if they're primary to make up a deficiency in rate, they would most likely be limited to the small amounts described in the amendment since I anticipate that the Dept would only allow 1/60 CFS/AC. Like I said, this hasn't been figured out yet, but I wanted to reply to some extent so we're communicating on this topic. More on this later after I know more...

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

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EASTMAN Jeana M

From: GALL Ivan K
Sent: Monday, March 03, 2014 12:44 PM
To: EASTMAN Jeana M; ZWART Mike J
Subject: RE: G-17592, Golden Rule - clarification of 2/28/14 GW review re: GW determination

The gw will not likely be available trumps the other.
Mike did that in the event anything is issued, through future modifications, the permit condition of needed observation wells is included.
Thanks-ikg

Ivan Gall - Manager
Groundwater Section
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271
503.986.0847 503.986.0902 FAX
ivan.k.gall@wrд.state.or.us

From: EASTMAN Jeana M
Sent: Monday, March 03, 2014 8:58 AM
To: GALL Ivan K; ZWART Mike J
Subject: G-17592, Golden Rule - clarification of 2/28/14 GW review re: GW determination

Ivan / Mike -

I see Mike is out until tomorrow so I'm sending this to Ivan also in case he's available to answer this question before Mike returns.

The 2/28/14 GW review indicates that both "gw will not likely be available" and that "if properly conditioned, it will avoid injury". Typically only one of these boxes is checked so that WR staff can make a finding re: water availability. The review goes on to say that if approved, this app will increase water-level declines and may interfere with senior rights, then recommends a special permit condition. Reading all this, I wasn't able to interpret which ground water availability checkbox "trumped" the other.

Please clarify the water availability portion.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

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EASTMAN Jeana M

From: ZWART Mike J
Sent: Tuesday, March 04, 2014 8:08 AM
To: EASTMAN Jeana M
Subject: RE: G-17592, Golden Rule - clarification of 2/28/14 GW review re: GW determination

Jeana,

Ivan instructed me to "complete" my review with recommended permit conditions as if a permit could be issued. Hence, the checking of the previously unchecked boxes and the recommendation of condition 7N and the special condition to construct monitoring/observation wells, which I did not do at my initial review of this file. The checking of the "gw will not be available" boxes does trump the rest. I suspect that these groundwater findings would not change even if the proposed rate were to be reduced substantially, as in halved. Ivan will ultimately decide if and under what circumstances the findings could be changed. Perhaps it would help to schedule a conference with the applicant and his agent.

Both the agent and Department staff put a fair amount of work into the file following my first review, which, it seems to me anyway, was akin to rearranging the deck chairs on the Titanic. I hope this helps.

Mike

From: EASTMAN Jeana M
Sent: Monday, March 03, 2014 8:58 AM
To: GALL Ivan K; ZWART Mike J
Subject: G-17592, Golden Rule - clarification of 2/28/14 GW review re: GW determination

Ivan / Mike -

I see Mike is out until tomorrow so I'm sending this to Ivan also in case he's available to answer this question before Mike returns.

The 2/28/14 GW review indicates that both "gw will not likely be available" and that "if properly conditioned, it will avoid injury". Typically only one of these boxes is checked so that WR staff can make a finding re: water availability. The review goes on to say that if approved, this app will increase water-level declines and may interfere with senior rights, then recommends a special permit condition. Reading all this, I wasn't able to interpret which ground water availability checkbox "trumped" the other.

Please clarify the water availability portion.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

INTEROFFICE MEMORANDUM

TO: Mike Zwart, Ground Water Section
FROM: Jeana Eastman
DATE: 2/25/14
FILE: G-17592, Golden Rule Farms
RE: review of amended application & aquifer determination

Please see the attached amendment received 1/13/14, and please use the packet of maps (with various received dates) clipped together to review this. The amendments are as follows:

- wells 18 - 34 will develop water from basalt
- reduced the overall rate from 80.2 CFS to 64.7 CFS, being 28.2 CFS from alluvial wells 6 - 17, and 36.5 CFS from basalt wells 18 - 34
- revised the rate per each well (as noted on revised page 5)
- Brigg's 17 east coordinate changed to 1400 feet (rather than 1075 feet)
- Brigg's 18 west coordinate changed to 700 feet (rather than 70 feet)
- Brigg's 20 is now "Brigg's 20 (HARN 1471)" in NENE, Sec 10, T27S, R32E
- Brigg's 33 is now "Brigg's 33 (HARN 1461)" in SWNE of Sec 1, T27S, R31E
- Brigg's 33 has a 12" well casing
- Brigg's 34 is now "Brigg's 34 (HARN 1460)" in NWNW, Sec 6, T27S, R32E
- Brigg's 34 has a 20" well casing
- amended the acreage to 4177.63 acres

✓ 1. Please complete a Div 9 re-review based on the above amendments.

✓ 2. In addition, please determine if the basalt wells 18 - 34 will develop water from the same source/aquifer as the authorized wells for Permit G-12262, Permit G-12938 and Certificate 32394. (I'm assuming you'll say they develop a *different* source since you previously indicated all wells develop alluvial/volcanic but I want to confirm this.) See A4

Thanks.

GLENDER'S HYDRO TECH SERVICES

8664 SW Sand Ridge Rd, Crooked River Ranch, Oregon 97760

Telephone (541) 219-0806

E-mail – djglender@msn.com

MEMO

January 9, 2014

TO: Oregon Water Resources Dept
Attn: Jeana Eastman - caseworker

FM: Dennis R. Glender - Agent



Subject: Amended Water Right Application G-17592, Golden Rule Farms, INC (GRF)

Jeana,

Please find enclosed, amended pages 5 & 6 documents, amended maps and supporting documents for Water Right Application G-17592.

I will attempt to outline the amended changes for pages 5 & 6. GRF and I have conducted some research in regards to Permit G-12292, G-12938 and Certificate 32394 (23294 in your letter of March 8, 2013). What we discovered is that all wells associated with these water rights develop water from cinders below a significant basalt layer. Therefore, we have amended the application for wells 18 through 34 believing water would not be developed from an alluvial formation. Water being developed from this basalt formation should not interfere with nearby surface waters. All of the new wells to be constructed will be sealed at least 5' in the overlying basalt formation. Supporting well logs are included in this package.

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SALEM, OR

GRF App G-17592 Memo pg 2

**In reference to Permit G-12292, G-12938 and Certificate 32394
Conflict resolution outlined in your letter of March 8, 2013, I have
amended the application as follows:**

**Since these water rights already have a 1/80th appropriation rate,
GRF is requesting only that amount of “Q” required to bring these
rights to a 1/60th appropriation rate. Since these rights also have a
full duty of 3.0 acft/acre/season allotted to them, no additional duty
has been requested. Being:**

**Certificate - 32394 – 0.32 cfs
Permit G - 12262 – 0.54 cfs
Permit G – 12938 – 0.46 cfs**

**We have repaired the Coordinates for Briggs 17, 18, 20, 33 and 34.
We have also update certain maps to include Lot #. These maps are
attached.**

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL-DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
6	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,194	447.87
7	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		583	234.75
8	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,068	428.73
9 North	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,678	673.56
9 South	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,000	400.47
10	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		300	120
11	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1495	600
12	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,198	480

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
13	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		898	<u>360</u>
14	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		300	<u>120</u>
15	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		597	<u>240</u>
16	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,495	<u>600</u>
17	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		839	<u>336.78</u>
18	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,162	<u>662.79</u>
19	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		835	<u>354.33</u>
20		X	HARN 1471	<input type="checkbox"/>	16"	n/a	none	0-18'	40'	<u>Basalt</u>	100'	2,217	<u>756.3</u>

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.
 ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
21	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		835	<u>335.1</u>
22	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		597	<u>240</u>
23	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		592	<u>237.27</u>
24	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,184	<u>476.13</u>
25	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	<u>480</u>
26	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		898	<u>360</u>
27	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		300	<u>120</u>
28	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	<u>480</u>

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** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
29	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
30	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
31	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		898	360
32	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
33		X	HARN 1461	<input type="checkbox"/>	12"	n/a	none	0-18'	13.99'	<u>Basalt</u>	118'	147	0
34		X	HARN 1460	<input type="checkbox"/>	20"	n/a	none	0-18'	12'	<u>Basalt</u>	35'	727	208.92

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.
 ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 st -October 31st	11,553

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 4,177.63 Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: _____

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____
If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

Pump (give horsepower and type): 50-150 turbine

Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. _____

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

Low pressure sprinkle center pivots

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

I chose a low pressure center pivot because it is the most cost effective and manageable means to efficiently irrigate this operation.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section. (*If more than one reservoir, reproduce this section for each reservoir.*)

Reservoir name: _____ Acreage inundated by reservoir: _____

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JAN 13 2014

SALEM, OR

Jeana Eastman

From: JR Johnson
Sent: Monday, February 11, 2013 2:15 PM
To: Jeana Eastman
Cc: Jason Spriet
Subject: RE: correction: only WA is needed ---> FW: G-17592, Golden Rule - is approx 1/50 reasonable? & request to complete water availability determination
Attachments: WM Review.pdf

I've attached the WM review for Golden Rule Farms G-17592.

JR Johnson

From: Jeana Eastman
Sent: Wednesday, February 06, 2013 3:40 PM
To: JR Johnson
Subject: correction: only WA is needed ---> FW: G-17592, Golden Rule - is approx 1/50 reasonable? & request to complete water availability determination
Importance: High

Hi JR -

I just realized that the 1/50 rate is moot because GW staff determined GW is not available. So even if it were a reasonable amount, we wouldn't likely issue a permit for that amount.

The surface water availability is still needed because I need to make a determination in the Initial Review about this, and because the classification in the Basin Program depends on this info.

please let me know if questions,
thanks,
-jeana

From: Jeana Eastman
Sent: Wednesday, February 06, 2013 11:26 AM
To: JR Johnson
Subject: G-17592, Golden Rule - is approx 1/50 reasonable? & request to complete water availability determination

Hi JR -

This is a separate application from Golden Rule Farms, G-17587, for which I also sent you an email about a higher-than-standard rate request.

For G-17592, I have two questions:

1. The applicant requested approximately 1/50, being 80.2 CFS for irrigation of approximately 4291.57 acres, and the application materials indicate the rate is necessary for peak crop production.

Do you believe 1/50 is a reasonable amount of water for irrigation in this area?

2. Some of the 30 wells proposed have the potential for substantial interference with Malheur Lake, for which there is not water availability data in WARS. Please complete the attached sheet indicating whether or not water is available.

App materials:

http://apps.wrd.state.or.us/apps/wr/wr_review/wr_folder_image.aspx?snp_id=175003

thanks

Jeana Eastman
Water Rights Caseworker
voice 503.986.0859

Oregon Water Resources Dept
725 Summer St NE, Suite A
Salem, OR 97301-1266
front desk 503.986.0900
fax 503.986.0901
<http://oregon.gov/OWRD>

Messages to and from this e-mail address may be available to the public under Oregon law.

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Jeana Eastman

Date: February 7, 2013

From: Mike Zwart

Subject: Aquifer Determination for Primary Rights, Permits G-12262, G-12938 and Certificate 32394

You asked me to review the source of groundwater for the above underlying rights covering the same lands as the Golden Rule Farms Application, G-17592. I conclude that the source/aquifer is the same for the proposed wells for Golden Rule Farms and all underlying authorized wells.

INTEROFFICE MEMORANDUM

TO: Mike Zwart, Ground Water Section

FROM: Jeana Eastman

DATE: 2/6/13

FILE: G-17592, Golden Rule Farms

RE: aquifer determination for underlying rights, Permit G-12262, Permit G-12938 and Certificate 32394

Application G-17592 proposes primary irrigation on lands covered by Permit G-12262, Permit G-12938 and Certificate 32394.

In order to determine if there is a conflict, it is necessary for me to know if the source/aquifer of the thirty (30) wells for Application G-17592 are the same source/aquifer as the authorized wells for Permit G-12262, Permit G-12938 and Certificate 32394. I'm asking for your assistance in this matter. Please place a copy of your written review in the file.

Thanks.

EASTMAN Jeana M

From: EASTMAN Jeana M
Sent: Thursday, February 20, 2014 5:21 PM
To: 'DENNIS'
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Great; thank you. And thanks for sticking with this to get it resolved.

I'll get these revisions sent off to GW staff for their review.

Have a good evening,



Jeana Eastman ★ ★ ★ Water Right Application Analyst ★ ★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

From: DENNIS [mailto:djglender@msn.com]
Sent: Tuesday, February 18, 2014 11:06 AM
To: EASTMAN Jeana M
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Hi Jeana,

I finally figured out Briggs 33 and used the legal description listed on Certificate 32394 as the well location. Please find amended Briggs 33 map attached,

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
CC: goldenrulefarms@gmail.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Thu, 13 Feb 2014 00:41:23 +0000

Hi Dennis -

Thanks for the email/explanation and the revised map for Briggs 18.

I'm still not getting my brain around the reference corner for HARN 1461 so I attached a map estimating (*very roughly*, i.e. without a ruler) the well location if it was measured 21' W from the N1/4 corner. This would put it in the SENW. Again, the well seems to be measured from the NE corner, of the NENW (also E 1/16 corner as labeled on the attached map). Please let me know what I'm missing.

For now let's table the 316.63 acres discussion; I think it will make more sense to pick it up when we have more info from the GW Section.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

From: DENNIS [<mailto:djglender@msn.com>]
Sent: Tuesday, February 04, 2014 12:28 PM
To: EASTMAN Jeana M
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Hi Jeana,

I am responding your you E-mail of Jan 29, 2013.

First, Isn't this fun!

I will go down the list as needed.

I concur on the changes you pointed out through Briggs 34-20" casing.

Concerning Over-appropriation, I believe the amended application deserves another review by the Ground Water section based on the basalt/alluvial portion of the amended application.

Please find attached an amended Briggs 18 location description. Sorry I missed that one.

Concerning Harn 1461 - Certificate 32394 locates the well in the SWNE being 1562' S and 21' E from the N¼. Seeing that this location would put it in the SENE and off the property so I changed that to 21' W. It is still off the N¼.

Concerning the 316.33, because the application is requesting a 1/60th rate instead of the normal 1/80th and these rights already have a 1/80th rate, I believe OWRD would consider this enlargement under a

supplemental application?? Does that make sense?

Let me know.

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us

To: djglender@msn.com

Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Date: Wed, 29 Jan 2014 22:36:47 +0000

Hi Dennis -

I want to confirm the amendments we received 1/13/14 and ask a couple questions.

As I understand them, the amendments are:

- wells 18 - 34 have been amended to develop water from basalt
- reduced the overall rate from 80.2 CFS to 64.7 CFS, being 28.2 CFS from alluvial wells 6 - 17, and 36.5 CFS from basalt wells 18 - 34
- revised the rate per each well (as noted on revised page 5)
- amended the acreage to 4177.63 acres (within these acres, I note 316.63 acres having underlying rights)
- Brigg's 17 east coordinate changed to 1400 feet (rather than 1075 feet)
- Brigg's 20 is now "existing well" in NENE, Sec 10, also identified as HARN 1471
- Brigg's 33 is now "existing well" in SWNE, Sec 1, also identified as HARN 1461
- Brigg's 33 has a 12" well casing
- Brigg's 34 is now "existing well" in NWNW, Sec 6, also identified as HARN 1460
- Brigg's 34 has a 20" well casing

QUESTIONS/COMMENTS:

- First and foremost, it is not obvious to me how the ground water over-appropriation determination has been addressed through this amendment. I may not be privy to some info or a conversation you had with GW staff, or maybe the reduction in rate from the alluvial and the change to some development of basalt has resolved this issue, but I wanted to bring it up with you since I'm a little lost on this point.
- The letter indicated that Brigg's 18 west coordinate was corrected but it didn't change (from 70 feet west) and didn't move from the spot on the map originally proposed, therefore it still appears incorrect. We estimated it would be closer to 700 feet west in the location on the map. So my question is: what is the west coordinate for Brigg's 18? (Depending on the answer, we may or may not need a revised map indicating the coordinate.)

- Is the reference corner for "existing well" in SWNE, Sec 1, also identified as HARN 1461, the NE corner, of the NWNE? (the N1/4 corner is indicated and appears incorrect)
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Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

EASTMAN Jeana M

From: DENNIS <djglender@msn.com>
Sent: Tuesday, February 18, 2014 11:06 AM
To: EASTMAN Jeana M
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Attachments: Briggs 33 Map Amended 2-18-2014.pdf

Hi Jeana,

I finally figured out Briggs 33 and used the legal description listed on Certificate 32394 as the well location. Please find amended Briggs 33 map attached,

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
CC: goldenrulefarms@gmail.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Thu, 13 Feb 2014 00:41:23 +0000

Hi Dennis -

Thanks for the email/explanation and the revised map for Briggs 18.

I'm still not getting my brain around the reference corner for HARN 1461 so I attached a map estimating (*very roughly*, i.e. without a ruler) the well location if it was measured 21' W from the N1/4 corner. This would put it in the SENW. Again, the well seems to be measured from the NE corner, of the NENW (also E 1/16 corner as labeled on the attached map). Please let me know what I'm missing.

For now let's table the 316.63 acres discussion; I think it will make more sense to pick it up when we have more info from the GW Section.

Thanks,



Jeana Eastman ★ ★ ★ Water Right Application Analyst ★ ★ ★ 503.986.0812

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<http://oregon.gov/OWRD>

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From: DENNIS [mailto:djglender@msn.com]
Sent: Tuesday, February 04, 2014 12:28 PM
To: EASTMAN Jeana M
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Hi Jeana,

I am responding your you E-mail of Jan 29, 2013.

First, Isn't this fun!

I will go down the list as needed.

I concur on the changes you pointed out through Briggs 34-20" casing.

Concerning Over-appropriation, I believe the amended application deserves another review by the Ground Water section based on the basalt/alluvial portion of the amended application.

Please find attached an amended Briggs 18 location description. Sorry I missed that one.

Concerning Harn 1461 - Certificate 32394 locates the well in the SWNE being 1562' S and 21' E from the N¼. Seeing that this location would put it in the SENE and off the property so I changed that to 21' W. It is still off the N¼.

Concerning the 316.33, because the application is requesting a 1/60th rate instead of the normal 1/80th and these rights already have a 1/80th rate, I believe OWRD would consider this enlargement under a supplemental application?? Does that make sense?

Let me know.

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Wed, 29 Jan 2014 22:36:47 +0000
Hi Dennis -

I want to confirm the amendments we received 1/13/14 and ask a couple questions.

As I understand them, the amendments are:

- wells 18 - 34 have been amended to develop water from basalt

- reduced the overall rate from 80.2 CFS to 64.7 CFS, being 28.2 CFS from alluvial wells 6 - 17, and 36.5 CFS from basalt wells 18 - 34
- revised the rate per each well (as noted on revised page 5)
- amended the acreage to 4177.63 acres (within these acres, I note 316.63 acres having underlying rights)
- Brigg's 17 east coordinate changed to 1400 feet (rather than 1075 feet)
- Brigg's 20 is now "existing well" in NENE, Sec 10, also identified as HARN 1471
- Brigg's 33 is now "existing well" in SWNE, Sec 1, also identified as HARN 1461
- Brigg's 33 has a 12" well casing
- Brigg's 34 is now "existing well" in NWNW, Sec 6, also identified as HARN 1460
- Brigg's 34 has a 20" well casing

QUESTIONS/COMMENTS:

- First and foremost, it is not obvious to me how the ground water over-appropriation determination has been addressed through this amendment. I may not be privy to some info or a conversation you had with GW staff, or maybe the reduction in rate from the alluvial and the change to some development of basalt has resolved this issue, but I wanted to bring it up with you since I'm a little lost on this point.
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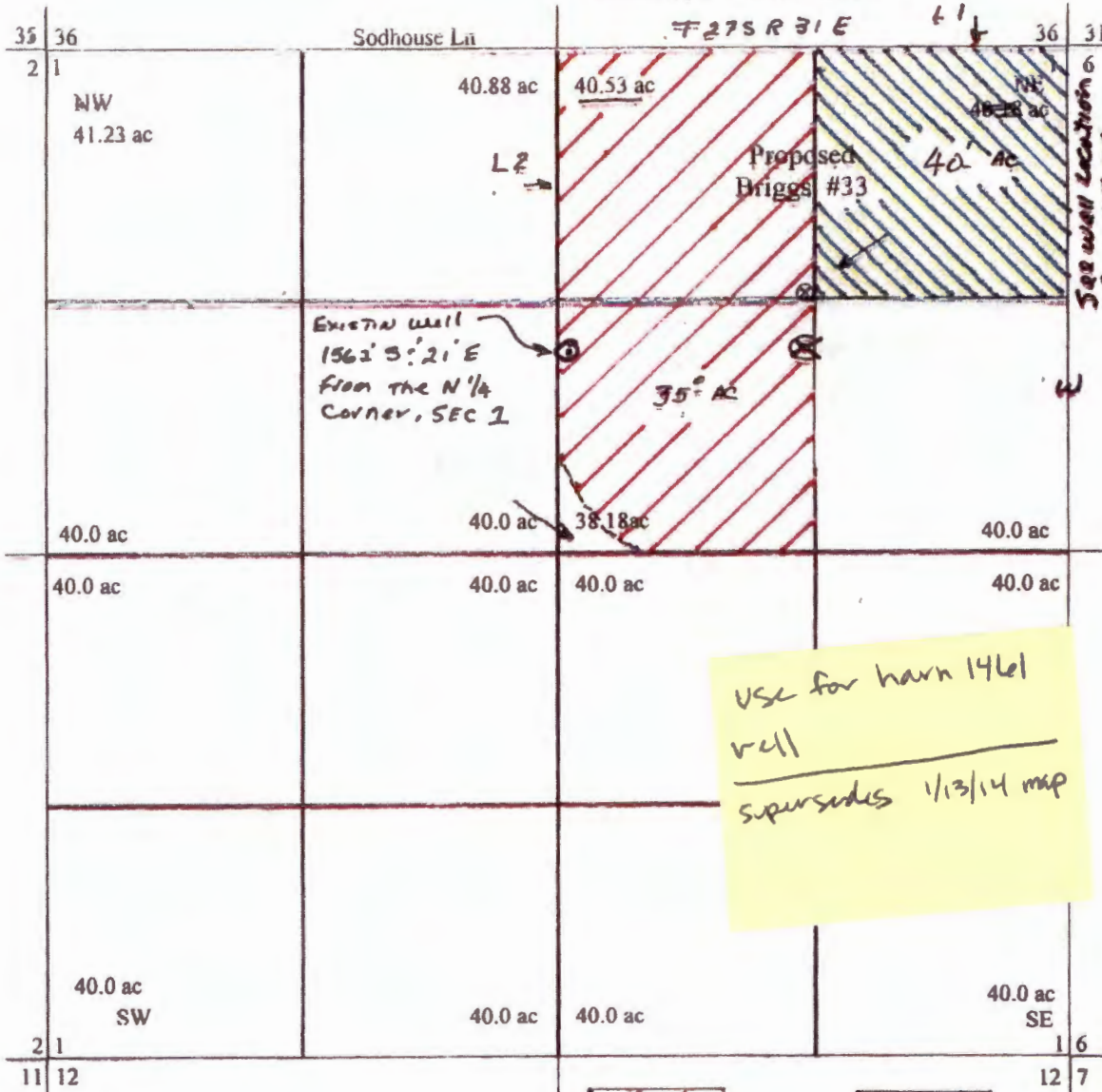


Jeana Eastman ★ ★ ★ Water Right Application Analyst ★ ★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

Amended 2/18/2014 ^{DR}



See well location on Briggs #34

USE for harn 1461 well
 supersedes 1/13/14 map

harn 1461
 2/18/14 map

Briggs #33

To be located 1,320 feet South and 1,330 feet West of the NE corner of Section 1 ^{DR}

In T27S R31E W.M.
 Section 1
 Tax Lot 300: 118.89 acres
 1" = 880 feet

RECEIVED

FEB 18 2014

WATER RESOURCES DEPT
 SALEM, OREGON

RECEIVED BY OWRC

FEB 18 2014

SALEM, OR

EASTMAN Jeana M

From: EASTMAN Jeana M
Sent: Wednesday, February 12, 2014 4:41 PM
To: 'DENNIS'
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Attachments: g-17592.pdf

Hi Dennis -

Thanks for the email/explanation and the revised map for Briggs 18.

I'm still not getting my brain around the reference corner for HARN 1461 so I attached a map estimating (*very roughly*, i.e. without a ruler) the well location if it was measured 21' W from the N1/4 corner. This would put it in the SENW. Again, the well seems to be measured from the NE corner, of the NENW (also E 1/16 corner as labeled on the attached map). Please let me know what I'm missing.

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Thanks,



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Sent: Tuesday, February 04, 2014 12:28 PM
To: EASTMAN Jeana M
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Hi Jeana,

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First, Isn't this fun!

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I concur on the changes you pointed out through Briggs 34-20" casing.

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Let me know.

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us

To: djglender@msn.com

Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

Date: Wed, 29 Jan 2014 22:36:47 +0000

Hi Dennis -

I want to confirm the amendments we received 1/13/14 and ask a couple questions.

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- Brigg's 34 is now "existing well" in NWNW, Sec: 6, also identified as HARN 1460
- Brigg's 34 has a 20" well casing

QUESTIONS/COMMENTS:

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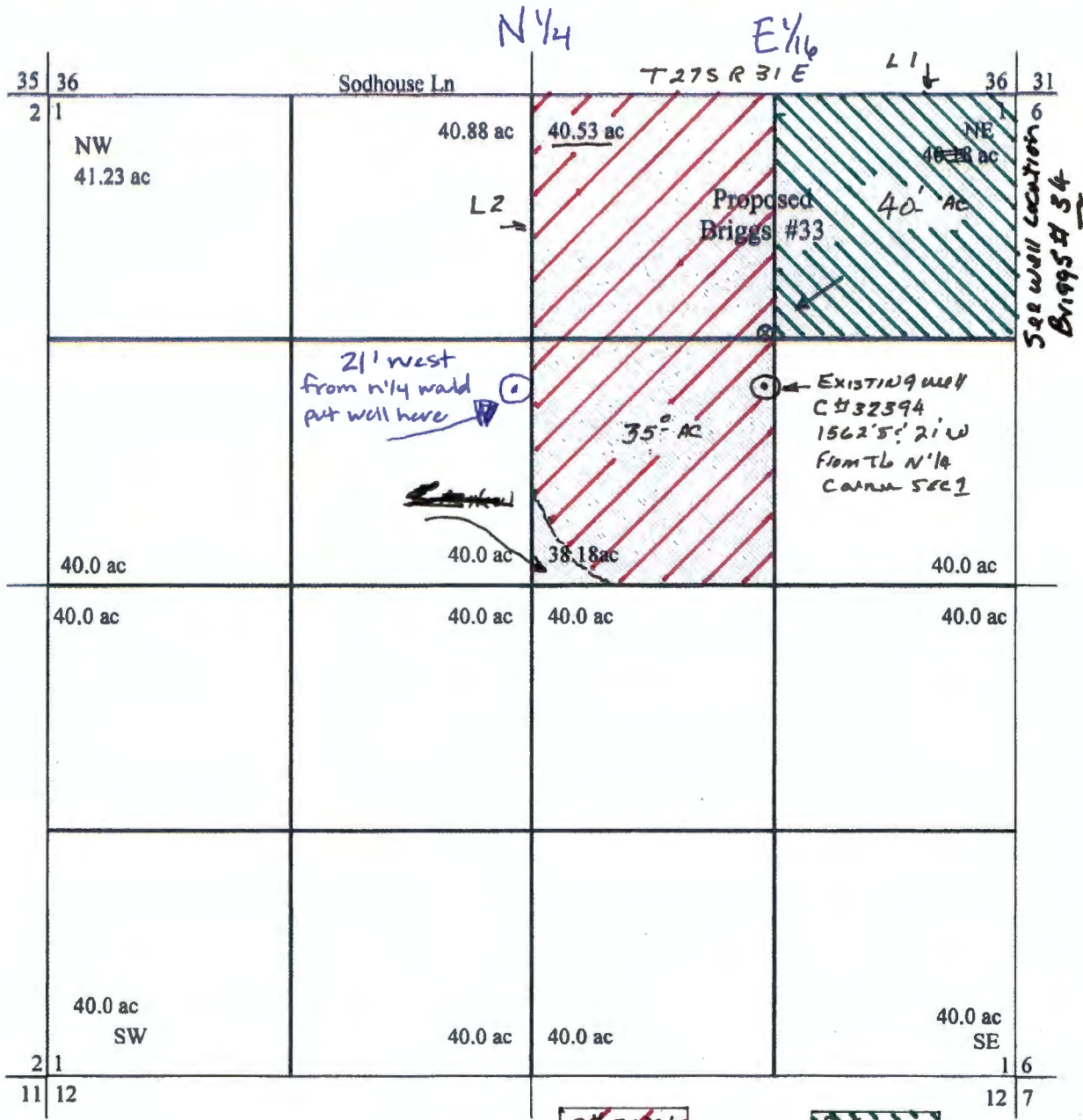
Thanks,



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Briggs #33

To be located 1,320 feet South and 1,320 feet West of the NE corner of Section 1
DR

RECEIVED BY OWRD

JAN 13 2014

SALEM, OR

RECEIVED BY OWRD

OCT 23 2012

SALEM, OR

- ✓ In T27S R31E W.M.
- Section 1
- Tax Lot 300: 118.89 acres
- 1" = 880 feet

G-17592

EASTMAN Jeana M

From: DENNIS <djglender@msn.com>
Sent: Tuesday, February 04, 2014 12:28 PM
To: EASTMAN Jeana M
Cc: Tim Puckett
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Attachments: Biggs 18 revised map 2-4-2014.pdf

Hi Jeana,

I am responding your you E-mail of Jan 29, 2013.

First, Isn't this fun!

I will go down the list as needed.

I concur on the changes you pointed out through Briggs 34-20" casing.

Concerning Over-appropriation, I believe the amended application deserves another review by the Ground Water section based on the basalt/alluvial portion of the amended application.

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From: jeana.m.eastman@state.or.us
To: djglender@msn.com
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments
Date: Wed, 29 Jan 2014 22:36:47 +0000

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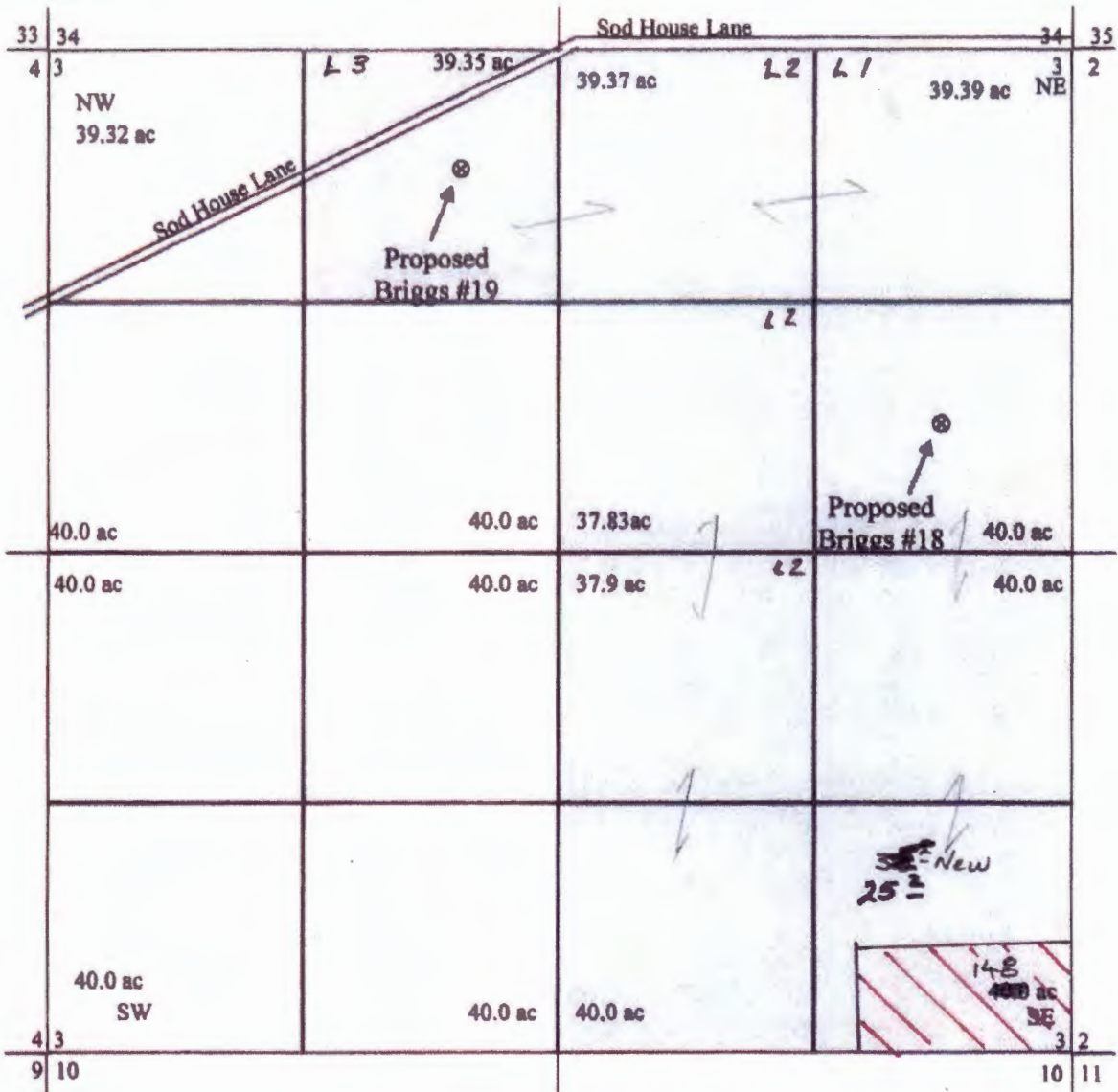


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Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301

<http://oregon.gov/OWRD>

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Briggs #18

To be located 1,980 feet South and 70 feet West of the NE corner of Section 3

→ 700' DR6
2/9/14

Briggs #19

To be located 750 feet South and 2,140 feet East of the NW corner of Section 3

G-12262

Superseded
2/13/14 map
for well briggs 18

In T27S R32E W.M.
Section 3
Tax Lot 200: 199.39 acres
Tax Lot 300: 154.45
1" = 880 feet

RECEIVED

FEB 04 2014

WATER RESOURCES DEPT
SALEM, OREGON

G-17592

briggs 18
4/14 map

EASTMAN Jeana M

From: EASTMAN Jeana M
Sent: Wednesday, January 29, 2014 2:37 PM
To: 'DENNIS'
Subject: RE: G-17592, Golden Rule Farms - touch base re: 1/13/14 amendments

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Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine



Oregon

Kate Brown, Governor

G-17592

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

www.wrd.state.or.us

May 6, 2016

Dear Golden Rule Farms;

On April 15, 2016, the revised Oregon Administrative Rule 690-512 for the Malheur Lake Basin Program was adopted. These rules provide greater flexibility for addressing pending groundwater applications in the Greater Harney Valley while the Department is conducting a groundwater study to better understand groundwater resources. These rules were developed in consultation with a local rules advisory committee.

Copies of the final rules are included with this letter and are also available on the Department's website at: <http://www.oregon.gov/owrd/pages/law/our.aspx> (Scroll down to 690-512).

Your application is within the Greater Harney Valley Groundwater Area of Concern (GHVGAC), and you have three options on how to proceed:

1. You may put your application on administrative hold and pursue the cancellation of enough permitted or certificated groundwater rights to offset the use described in your groundwater application. **You have until April 15, 2019 to pursue this option.** After April 15, 2019, if you were not able to get your pending application approved, you may request that the Department put your application on administrative hold and wait for the results of the groundwater study to be completed. The study should be completed by the end of 2020.
2. You may withdraw your application now and receive a refund of all but \$225 of the fees you have paid to the Department.
3. If you own or can acquire active water rights that would be subject to transfer, you may pursue a transfer of water rights to transfer to all of part of the acreage described in your pending application. To pursue this option, you will need to move forward with option 1 or 2.

Please complete the following page and return it to the Department and let us know how you would like to proceed. If you do not let us know how you would like to proceed by August 1, 2016, we will need to assume that you would like your application to be processed according to the former rules which would result in the Department proposing to deny your application. You may request more time to decide what to do if you need it.

If you have any questions, please contact me at 503-986-0819 or dwight.w.french@state.or.us.

Thank you,

Dwight French
Water Right Services Division Administrator

Greater Harney Valley Groundwater Area of Concern

Salheur Lakes Basin

Applicant Name Golden Rule Farms Application # G-17592

1. Please put my application on administrative hold while I pursue cancellation of groundwater permits and certificates to offset the amount of water I am requesting with my pending application. I understand that any permit issued will be subject to conditions listed under OAR 690-512-0200(7)(a-c). I understand that I cannot use groundwater as described in my application unless the application is approved and a permit is issued.
2. I would like to withdraw the application and receive a refund of all but \$225 of the fees paid towards this application.

Anyone who signed the original application should sign this form.



Oregon

Kate Brown, Governor

59
G-17452

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

www.wrd.state.or.us

June 24, 2016

Dear Golden Rule Farms;

On April 15, 2016, the revised Oregon Administrative Rule 690-512 for the Malheur Lake Basin Program was adopted. These rules provide greater flexibility for addressing pending groundwater applications in the Greater Harney Valley while the Department is conducting a groundwater study to better understand groundwater resources. These rules were developed in consultation with a local rules advisory committee.

On May 6, 2016, the Department sent a letter letting you know that your application is within the Greater Harney Valley Groundwater Area of Concern (GHVGAC), and gave you three options on how to proceed. As of this date, we have not gotten a response from you.

This is a reminder of your options for proceeding with your application:

1. You may put your application on administrative hold and pursue the cancellation of enough permitted or certificated groundwater rights to offset the use described in your groundwater application. **You have until April 15, 2019 to pursue this option.** After April 15, 2019, if you were not able to get your pending application approved, you may request that the Department put your application on administrative hold and wait for the results of the groundwater study to be completed. The study should be completed by the end of 2020.
2. You may withdraw your application now and receive a refund of all but \$225 of the fees you have paid to the Department.
3. If you own or can acquire active water rights that would be subject to transfer, you may pursue a transfer of water rights to transfer to all of part of the acreage described in your pending application. To pursue this option, you will need to move forward with option 1 or 2.

Please complete the following page and return it to the Department and let us know how you would like to proceed. If you do not let us know how you would like to proceed by August 1, 2016, we will need to assume that you would like your application to be processed according to the former rules which would result in the Department proposing to deny your application. You may request more time to decide what to do if you need it.

If you have any questions, please contact me at 503-986-0819 or dwight.w.french@state.or.us.

Thank you,

Dwight French
Water Right Services Division Administrator

Greater Harney Valley Groundwater Area of Concern Malheur Lakes Basin

Applicant Name Golden Rule Farms Application # G-17592

- 1. Please put my application on administrative hold while I pursue cancellation of groundwater permits and certificates to offset the amount of water I am requesting with my pending application. I understand that any permit issued will be subject to conditions listed under OAR 690-512-0200(7)(a-c). I understand that I cannot use groundwater as described in my application unless the application is approved and a permit is issued.

- 2. I would like to withdraw the application and receive a refund of all but \$225 of the fees paid towards this application.

Signed _____

Signed _____

Anyone who signed the original application should sign this form.



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

GOLDEN RULE FARMS INC
PO BOX 255
CHRISTMAS VALLEY, OR 97641

March 8, 2013

Reference: File G-17592

Dear Applicant:

THIS IS NOT A PERMIT AND IS SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.

This letter is to inform you of the preliminary analysis of your water-use permit application and to describe your options. In determining whether an application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The application materials indicated 4192.57 acres and the application maps total 4180.96 acres. The Department will consider the acreage on the application maps unless revised maps are received by Thursday, April 11, 2013.
2. The application proposed the appropriation of 80.2 cubic feet per second (CFS), being 2.67 CFS each from Briggs 6, Briggs 7, Briggs 8, Briggs 9 North, Briggs 9 South, Briggs 10, Briggs 11, Briggs 12, Briggs 13, Briggs 14, Briggs 15, Briggs 16, Briggs 17, Briggs 18, Briggs 19, Briggs 20, Briggs 21, Briggs 22, Briggs 23, Briggs 24, Briggs 25, Briggs 26, Briggs 27, Briggs 28, Briggs 29, Briggs 30, Briggs 31, Briggs 32, Briggs 33, and Briggs 34 in Malheur Lake Basin, for irrigation of 4180.96 acres March 1 through October 31 of each year.
3. The proposed use is not prohibited by law or rule except where otherwise noted below.
4. Ground water **will not** likely be available in the amount requested without injury to existing ground water rights. In addition, ground water **will not** likely be available within the capacity of the ground water resource.
5. The Department has determined, based upon OAR 690-009, that Briggs 25, Briggs 26, Briggs 28, Briggs 30, Briggs 31, Briggs 32, and Briggs 33 will have the potential for substantial interference with Malheur Lake. Therefore, in accordance with OAR 690-400-0010(11)(a)(B), surface water availability must also be considered. Surface water is available in the amount and for the full period requested.
6. The appropriation of ground water from wells that do not have the potential for substantial interference with surface water for irrigation within Malheur Lake Basin is allowable under the Malheur Basin Program.

7. The appropriation of ground water from wells that have the potential for substantial interference with surface water within Malheur Lake Basin **is not** allowable under the Malheur Basin Program. The Department **shall not** issue a permit for any use of ground water which has the potential to substantially interfere with surface water in the Malheur Lake Basin unless the applicant shows, by a preponderance of evidence, that unappropriated water is available to supply the proposed use at the times and in the amounts requested. The evidence provided shall be prepared by a qualified hydrologist or other water resources specialist and shall include:
 - (a) Streamflow measurements of gage records from the stream in hydraulic connection with the source; or
 - (b) An estimate of water availability from the stream in hydraulic connection with the source which includes correlations with streamflow measurements or gage records on other similar streams and considers current demands for water affecting the stream flows.

Please submit this information no later than Thursday, Thursday, April 11, 2013. If you are unable to submit the information listed above, you may request an administrative hold for up to an additional 180 days. You must submit the request in writing, stating how much more time you will need and why you need additional time. If an administrative hold is granted, your application will not be processed further until the requested information is received or the extended deadline has passed.
8. OAR 690-033-0120(2) prohibits the use of ground water with the potential for substantial interference with surface water from April 15 through September 30 of each year.
9. Please refer to the **Additional Information Required** section below for specific information regarding deficiencies with the application.

Summary of Allowable Water Use

Because not all items above are favorable, the appropriation of 80.2 CFS, being 2.67 CFS each from Briggs 6, Briggs 7, Briggs 8, Briggs 9 North, Briggs 9 South, Briggs 10, Briggs 11, Briggs 12, Briggs 13, Briggs 14, Briggs 15, Briggs 16, Briggs 17, Briggs 18, Briggs 19, Briggs 20, Briggs 21, Briggs 22, Briggs 23, Briggs 24, Briggs 25, Briggs 26, Briggs 27, Briggs 28, Briggs 29, Briggs 30, Briggs 31, Briggs 32, Briggs 33, and Briggs 34 in Malheur Lake Basin, for irrigation of 4180.96 acres March 1 through October 31 is not allowable, and it appears unlikely that you will be issued a permit unless a suitable mitigation proposal is provided prior to issuance of the Proposed Final Order. At this time, you must decide whether to proceed or to withdraw your application as described below.

Additional Information Required:

Although it is unlikely that a permit will be issued, if the Department's findings change, additional information will be required prior to issuance of any Proposed Final Order that may recommend approval.

- The coordinate for Briggs 17 appears to be closer to 1400 feet east rather than 1075 feet east. Please provide clarification and/or a revised map as appropriate.
- The coordinate for Briggs 18 appears to be closer to 700 feet west rather than 70 feet west. Please provide clarification and/or a revised map as appropriate.

- The coordinate for Briggs 34 appears to be east rather than west from the NW corner. Please provide clarification and/or a revised map as appropriate.
- Conflict resolution: A portion of the area proposed to be irrigated under this application appears to be covered by Permit G-12262, Permit G-12938, and Certificate 23294, which conflict with the application. (See attached maps.)

If you would like this application to be the primary right, the Department must receive:

- A completed form authorizing cancellation of the conflicting portions of the existing rights, along with a map describing those portions; or
- A completed affidavit of diminution of the conflicting portions of the existing right to reduce them to supplemental use, along with a map describing those portions; or
- A transfer application addressing the conflicting portions of the existing right; or
- Another means of dealing with the conflict between the existing right and the use proposed under this application.

Please submit this information no later than Thursday, Thursday, April 11, 2013. If you are unable to submit the information listed above, you may request an administrative hold for up to an additional 180 days. You must submit the request in writing, stating how much more time you will need and why you need additional time. If an administrative hold is granted, your application will not be processed further until the requested information is received or the extended deadline has passed.

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.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$200 processing charge per application). To accomplish this you must notify the Department in writing by **Friday, March 22, 2013**. 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. Measurement, recording and reporting conditions:
 - A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter at each point of appropriation. The permittee shall maintain the meter in good working order.
 - B. The permittee shall keep a complete record of the amount of water diverted each month, and shall submit a report which includes the recorded report 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.
 - C. The permittee shall allow the watermaster access to the meter; provided however, where any meter is located within a private structure, the watermaster shall request access upon reasonable notice.
 - D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.
2. Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

This initial review does not attempt to address various public interest issues such as sensitive, threatened, or endangered fish species. These issues will be addressed as the Department reviews comments from the public and other agencies, and prepares a Proposed Final Order. You should be aware that, if significant public interest issues are found to exist, such a finding could have an impact on the eventual outcome of your application.

The water source identified in your application may be affected by an Agricultural Water Quality Management Area Plan. These plans are developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders, and help to ensure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to explore ODA's Water Quality Program web site at http://www.oregon.gov/ODA/NRD/water_agplans.shtml to learn more about the plans and how they may affect your proposed water use.

If you have any questions:

Feel free to call me at 503-986-0859 if you have any questions regarding the contents of this letter or your application. Please have your application number available if you call. General questions about water rights and water use permits should be directed to our customer service staff at 503-986-0801. When corresponding by mail, please use this address: Jeana Eastman, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Eastman". The signature is written in a cursive style with a large initial "J" and a stylized "E".

Jeana Eastman
Water Right Application Caseworker

enclosures: Application Process Description and Stop Processing Request Form

G-17592
WAB 10-no wab
POU 10-
GW

APPLICATION FACT SHEET

Application File Number: G-17592

Applicant: GOLDEN RULE FARMS INC

County: Harney

Watermaster: 10

Priority Date: October 26, 2012

Source: BRIGGS 6, BRIGGS 7, BRIGGS 8, BRIGGS 9 NORTH, BRIGGS 9 SOUTH, BRIGGS 10, BRIGGS 11, BRIGGS 12, BRIGGS 13, BRIGGS 14, BRIGGS 15, BRIGGS 16, BRIGGS 17, BRIGGS 18, BRIGGS 19, BRIGGS 20, BRIGGS 21, BRIGGS 22, BRIGGS 23, BRIGGS 24, BRIGGS 25, BRIGGS 26, BRIGGS 27, BRIGGS 28, BRIGGS 29, BRIGGS 30, BRIGGS 31, BRIGGS 32, BRIGGS 33, AND BRIGGS 34 IN MALHEUR LAKE BASIN

Use: IRRIGATION OF 4180.96 ACRES

Quantity: 80.2 CUBIC FEET PER SECOND (CFS), BEING 2.67 CFS FROM EACH WELL

Basin Name & Number: Malheur, #10

Stream Index Reference: Volume 1 SFK MALHEUR R

Well Locations:

BRIGGS 6: NENE, SECTION 6, T27S, R34E, W.M.;
1320 FEET SOUTH AND 1315 FEET WEST FROM NE CORNER, SECTION 6

BRIGGS 7: NESE, SECTION 6, T27S, R34E, W.M.;
2790 FEET SOUTH AND 1315 FEET WEST FROM NE CORNER, SECTION 6

BRIGGS 8: NWSW, SECTION 6, T27S, R34E, W.M.;
1320 FEET NORTH AND 1315 FEET EAST FROM SW CORNER, SECTION 6

BRIGGS 9 NORTH: SENW, SECTION 8, T27S, R34E, W.M.;
2460 FEET SOUTH AND 2000 FEET EAST FROM NW CORNER, SECTION 8

BRIGGS 9 SOUTH: NENE, SECTION 17, T27S, R34E, W.M.;
1250 FEET SOUTH AND 1160 FEET WEST FROM NE CORNER, SECTION 17

BRIGGS 10: SESE, SECTION 20, T27S, R34E, W.M.;
660 FEET NORTH AND 660 FEET WEST FROM SE CORNER, SECTION 20

BRIGGS 11: SWNE, SECTION 20, T27S, R34E, W.M.;
2640 FEET NORTH AND 1930 FEET WEST FROM SE CORNER, SECTION 20

BRIGGS 12: NWNW, SECTION 20, T27S, R34E, W.M.;
1320 FEET SOUTH AND 1320 FEET EAST FROM NW CORNER, SECTION 20

BRIGGS 13: NENE, SECTION 19, T27S, R34E, W.M.;
1310 FEET SOUTH AND 1310 FEET WEST FROM NE CORNER, SECTION 19

BRIGGS 14: SWSW, SECTION 17, T27S, R34E, W.M.;
770 FEET NORTH AND 135 FEET EAST FROM SW CORNER, SECTION 17

BRIGGS 15: SWNW, SECTION 17, T27S, R34E, W.M.;
2600 FEET SOUTH AND 30 FEET EAST FROM NW CORNER, SECTION 17

BRIGGS 16: NWSE, SECTION 18, T27S, R34E, W.M.;
1320 FEET NORTH AND 2630 FEET WEST FROM SE CORNER, SECTION 18

BRIGGS 17: SENW, SECTION 19, T27S, R34E, W.M.;
1400 FEET SOUTH AND 1075 FEET EAST FROM NW CORNER, SECTION 19

BRIGGS 18: SENE, SECTION 3, T27S, R32E, W.M.;
1980 FEET SOUTH AND 70 FEET WEST FROM NE CORNER, SECTION 3

BRIGGS 19: NENW, SECTION 3, T27S, R32E, W.M.;
750 FEET SOUTH AND 2140 FEET EAST FROM NW CORNER, SECTION 3

BRIGGS 20: NENE, SECTION 10, T27S, R32E, W.M.;
290 FEET SOUTH AND 660 FEET WEST FROM NE CORNER, SECTION 10

BRIGGS 21: NWSW, SECTION 2, T27S, R32E, W.M.;
1650 FEET NORTH AND 920 FEET EAST FROM SW CORNER, SECTION 2

BRIGGS 22: NESW, SECTION 2, T27S, R32E, W.M.;
2640 FEET NORTH AND 2640 FEET EAST FROM SW CORNER, SECTION 2

BRIGGS 23: SWSW, SECTION 35, T26S, R32E, W.M.;
1320 FEET NORTH AND 1310 FEET EAST FROM SW CORNER, SECTION 35

BRIGGS 24: SESE, SECTION 34, T26S, R32E, W.M.;
1320 FEET NORTH AND 1310 FEET WEST FROM SE CORNER, SECTION 34

BRIGGS 25: NENE, SECTION 34, T26S, R32E, W.M.;
1320 FEET SOUTH AND 1310 FEET WEST FROM NE CORNER, SECTION 34

BRIGGS 26: SESE, SECTION 5, T27S, R32E, W.M.;
20 FEET NORTH AND 1310 FEET WEST FROM SE CORNER, SECTION 5

BRIGGS 27: NWNW, SECTION 9, T27S, R32E, W.M.;
660 FEET SOUTH AND 660 FEET EAST FROM NW CORNER, SECTION 9

BRIGGS 28: SWSW, SECTION 26, T26S, R32E, W.M.;
1320 FEET NORTH AND 1320 FEET EAST FROM SW CORNER, SECTION 26

BRIGGS 29: NENE, SECTION 26, T26S, R32E, W.M.;
1320 FEET SOUTH AND 1320 FEET WEST FROM NE CORNER, SECTION 26

BRIGGS 30: NESE, SECTION 23, T26S, R32E, W.M.;
1320 FEET NORTH AND 1320 FEET WEST FROM SE CORNER, SECTION 23

BRIGGS 31: NWSW, SECTION 24, T26S, R32E, W.M.;
1330 FEET NORTH AND 1320 FEET EAST FROM SW CORNER, SECTION 24

BRIGGS 32: NENE, SECTION 24, T26S, R32E, W.M.;
1320 FEET SOUTH AND 1320 FEET WEST FROM NE CORNER, SECTION 24

BRIGGS 33: NWNE, SECTION 1, T27S, R31E, W.M.;
1320 FEET SOUTH AND 1330 FEET WEST FROM NE CORNER, SECTION 1

BRIGGS 34: NENW, SECTION 6, T27S, R32E, W.M.;
1320 FEET SOUTH AND 1145 FEET WEST FROM NW CORNER, SECTION 6

Place of Use:

NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES
SW ¼ SE ¼ 40.0 ACRES
SE ¼ SE ¼ 40.0 ACRES
SECTION 23

NE ¼ NE ¼ 40.0 ACRES
NW ¼ NE ¼ 40.0 ACRES
SW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ SW ¼ 40.0 ACRES
NW ¼ SW ¼ 40.0 ACRES
SW ¼ SW ¼ 40.0 ACRES
SECTION 24

NE ¼ NE ¼ 40.0 ACRES
NW ¼ NE ¼ 40.0 ACRES
SW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ SW ¼ 40.0 ACRES
NW ¼ SW ¼ 40.0 ACRES
SW ¼ SW ¼ 40.0 ACRES
SE ¼ SW ¼ 40.0 ACRES
SECTION 26

NE ¼ NE ¼ 40.0 ACRES
NW ¼ NE ¼ 40.0 ACRES
SW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES
SW ¼ SE ¼ 39.36 ACRES
SE ¼ SE ¼ 39.35 ACRES
SECTION 34

NW ¼ SW ¼ 40.0 ACRES
SW ¼ SW ¼ 39.09 ACRES
SECTION 35

TOWNSHIP 26 SOUTH, RANGE 32 EAST, W.M.

NE ¼ NE ¼ 40.18 ACRES
NW ¼ NE ¼ 40.53 ACRES
SW ¼ NE ¼ 38.18 ACRES

SECTION 1

TOWNSHIP 27 SOUTH, RANGE 31 EAST, W.M.

SW ¼ NW ¼ 40.0 ACRES
NE ¼ SW ¼ 40.0 ACRES
NW ¼ SW ¼ 40.0 ACRES
SW ¼ SW ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES

SECTION 2

NE ¼ NE ¼ 39.39 ACRES
NW ¼ NE ¼ 39.37 ACRES
SW ¼ NE ¼ 37.83 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ NW ¼ 39.35 ACRES
NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 37.9 ACRES
SW ¼ SE ¼ 40.0 ACRES
SE ¼ SE ¼ 40.0 ACRES

SECTION 3

SW ¼ SE ¼ 40.0 ACRES
SE ¼ SE ¼ 40.0 ACRES

SECTION 5

NE ¼ NW ¼ 40.52 ACRES
NW ¼ NW ¼ 29.55 ACRES
SW ¼ NW ¼ 29.64 ACRES
SE ¼ NW ¼ 40.0 ACRES

SECTION 6

NE ¼ NE ¼ 40.0 ACRES

SECTION 8

NW ¼ NW ¼ 40.0 ACRES

SECTION 9

NE ¼ NE ¼ 40.0 ACRES
NW ¼ NE ¼ 40.0 ACRES
SW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES

SECTION 10

NW ¼ NW ¼ 40.0 ACRES
SW ¼ NW ¼ 40.0 ACRES
NW ¼ SW ¼ 40.0 ACRES

SECTION 11

TOWNSHIP 27 SOUTH, RANGE 32 EAST, W.M.

NE ¼ NE ¼ 40.61 ACRES
NW ¼ NE ¼ 40.44 ACRES
SW ¼ NE ¼ 39.12 ACRES
SE ¼ NE ¼ 39.12 ACRES
NE ¼ SW ¼ 39.13 ACRES
NW ¼ SW ¼ 32.4 ACRES
SW ¼ SW ¼ 32.25 ACRES
SE ¼ SW ¼ 39.13 ACRES
NE ¼ SE ¼ 39.12 ACRES
NW ¼ SE ¼ 39.13 ACRES
SECTION 6

NE ¼ SE ¼ 20.0 ACRES
SECTION 7

SW ¼ NE ¼ 18.7 ACRES
SW ¼ NW ¼ 17.06 ACRES
SE ¼ NW ¼ 36.92 ACRES
NE ¼ SW ¼ 40.0 ACRES
NW ¼ SW ¼ 35.0 ACRES
NW ¼ SE ¼ 25.14 ACRES
SW ¼ SE ¼ 31.7 ACRES
SECTION 8

NE ¼ NE ¼ 4.48 ACRES
NW ¼ NE ¼ 40.0 ACRES
SW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 18.0 ACRES
SW ¼ NW ¼ 40.0 ACRES
NW ¼ SW ¼ 40.0 ACRES
SW ¼ SW ¼ 40.0 ACRES
NE ¼ SE ¼ 31.01 ACRES
SECTION 17

SE ¼ NE ¼ 40.0 ACRES
NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES
SW ¼ SE ¼ 40.0 ACRES
SE ¼ SE ¼ 40.0 ACRES
SECTION 18

NE ¼ NE ¼ 40.0 ACRES
NW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ NW ¼ 40.0 ACRES
SW ¼ NW ¼ 32.26 ACRES
SE ¼ NW ¼ 40.0 ACRES
SECTION 19

SW ¼ NE ¼ 40.0 ACRES
SE ¼ NE ¼ 40.0 ACRES
NE ¼ NW ¼ 40.0 ACRES
NW ¼ NW ¼ 40.0 ACRES
SW ¼ NW ¼ 40.0 ACRES
SE ¼ NW ¼ 40.0 ACRES
NE ¼ SW ¼ 40.0 ACRES
NE ¼ SE ¼ 40.0 ACRES
NW ¼ SE ¼ 40.0 ACRES
SE ¼ SE ¼ 40.0 ACRES

SECTION 20

TOWNSHIP 27 SOUTH, RANGE 34 EAST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, March 22, 2013

PUBLIC NOTICE DATE: Tuesday, March 12, 2013

30 DAY COMMENT DEADLINE DATE: Thursday, April 11, 2013

Mailing List for IR Copies

Application #G-17592

IR Date: March 8, 2013

Original mailed to applicant:

~~GOLDEN RULE FARMS INC, PO BOX 255, CHRISTMAS VALLEY, OR 97641~~

* mailed also -

SENT VIA EMAIL:

1. Applicant - goldenrulefarms@gmail.com
2. WRD - Watermaster # 10
3. ODFW
4. DEQ

Copies Mailed
By <u>ja</u>
(SUPPORT STAFF)
on: <u>3-8-13</u>
(DATE)

Copies sent to:

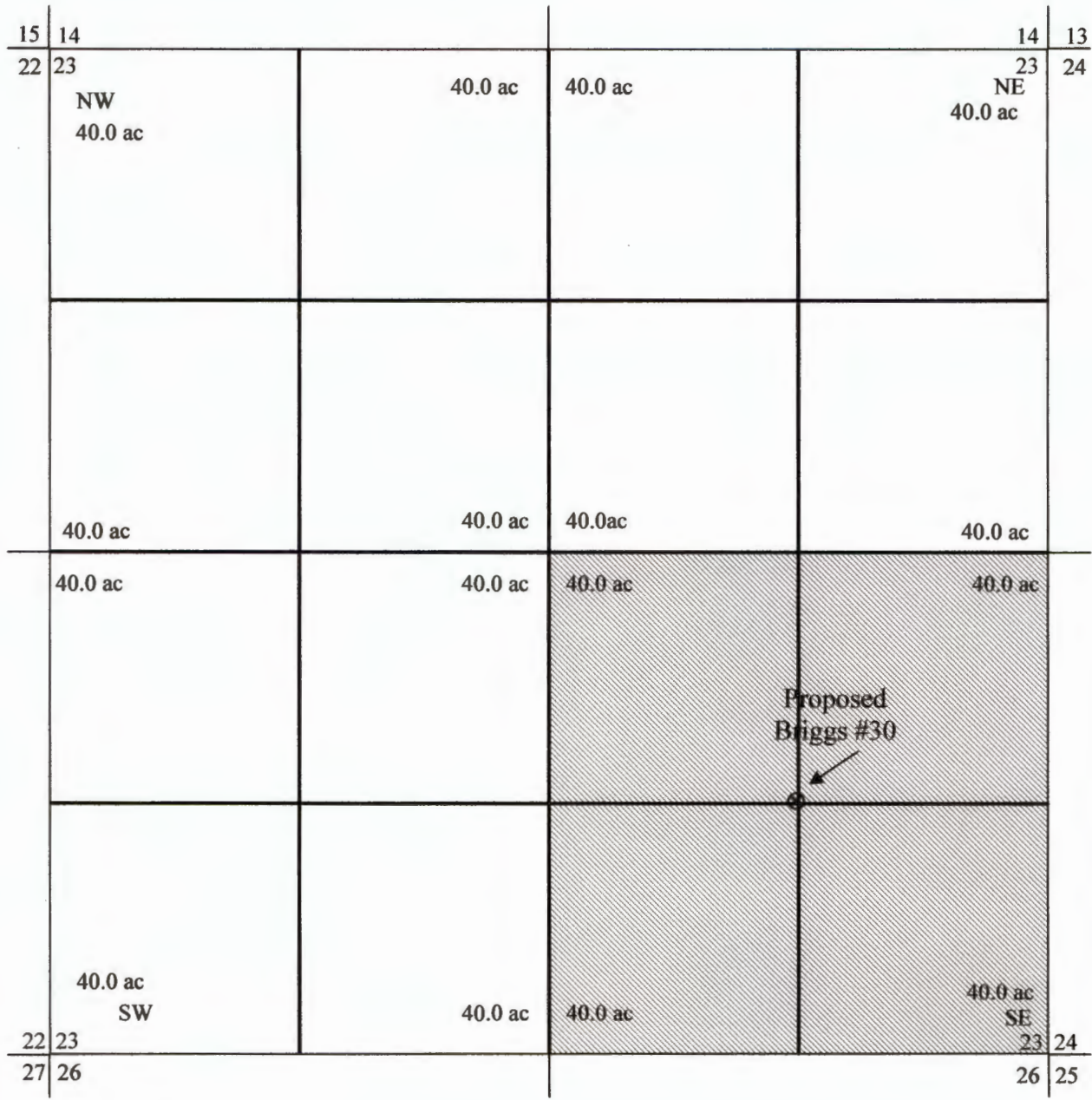
1. WRD - File # G-17592
- ✓ 2. WRD - Water Availability: Ken Stahr

IR, Map, and Fact Sheet Copies sent to:

- ✓ 1. WRD - Regional Manager (not SCR): E
- ✓ 2. Department of Agriculture
- ✓ 3. Columbia River Intertribal Fish Commission, Julie Carter,
729 NE Oregon St, Ste 200, Portland OR 97232
- ✓ 4. US Fish & Wildlife Service, Gary Miller, 3502 Hwy 30, La Grande, OR 97850
- ✓ 5. NW Power Planning Council, Fish & Wildlife Division, Karl Weist
851 SW Sixth Ave, Ste 1020, Portland OR 97204
- ✓ 6. Confederated Tribes of the Umatilla Indian Reservation, Carl Merkle or Jennifer Hudson
Nixyaawii Governance Center, 46411 Timine Way, Pendleton OR 97801
- ✓ 7. National Marine Fisheries Service, Spencer Hovekamp
3502 Hwy 30, La Grande, OR 97850

Caseworker: Jeana Eastman

VCOPYSH.T.IR



Brigg #30

To be located 1,320 feet North
and 1,320 feet West of the SE
corner of Section 23

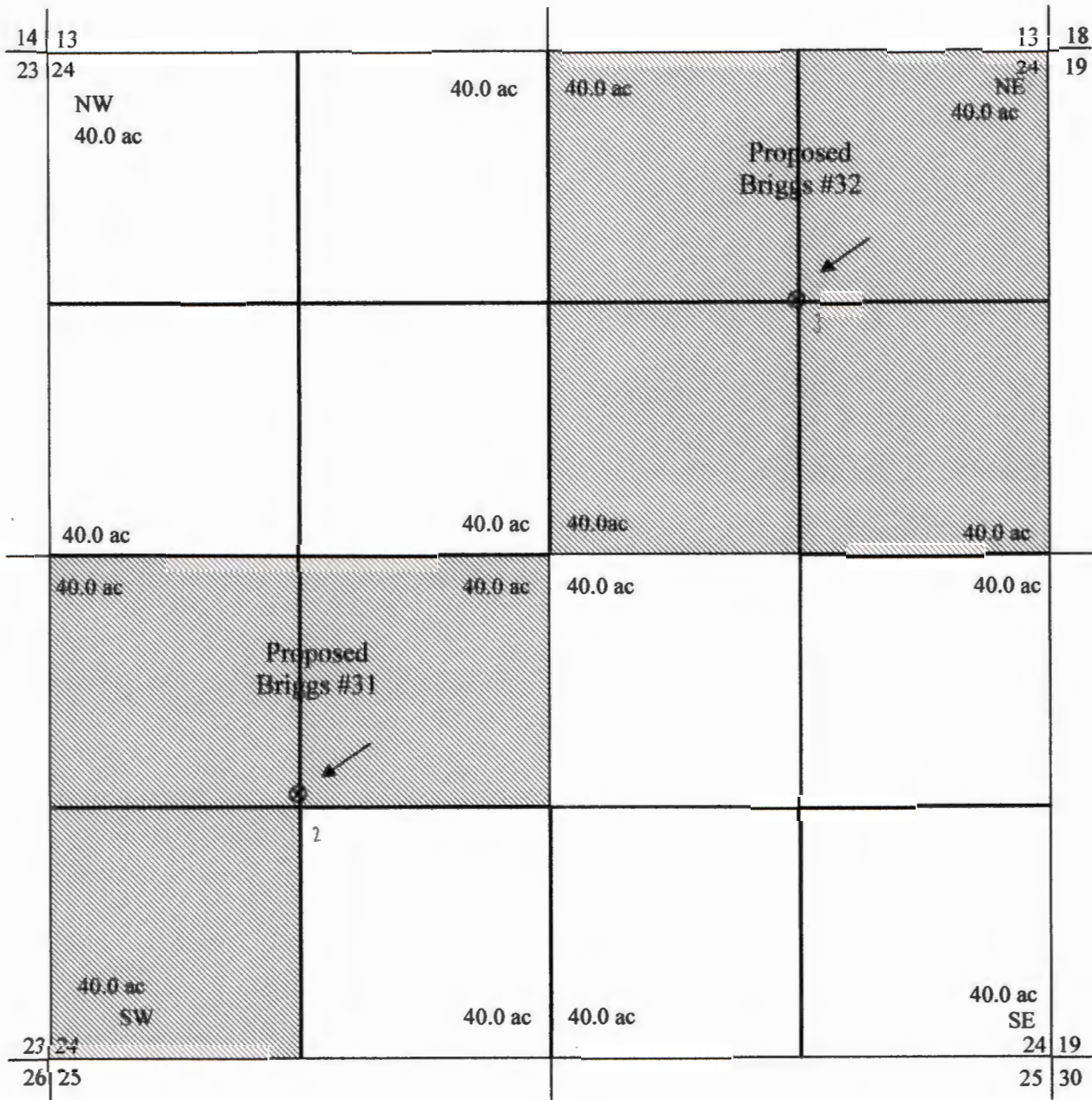
✓ In T26S R32E W.M.
Section 23
Tax Lot 600: 120.0 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

G-17572

RECEIVED BY OWRD

OCT 23 2012

S. J. ...



Briggs #32

To be located 1,320 feet South
and 1,320 feet West of the NE
corner of Section 24

Briggs #31

To be located 1,330 feet North
and 1,320 feet East of the SW
corner of Section 24

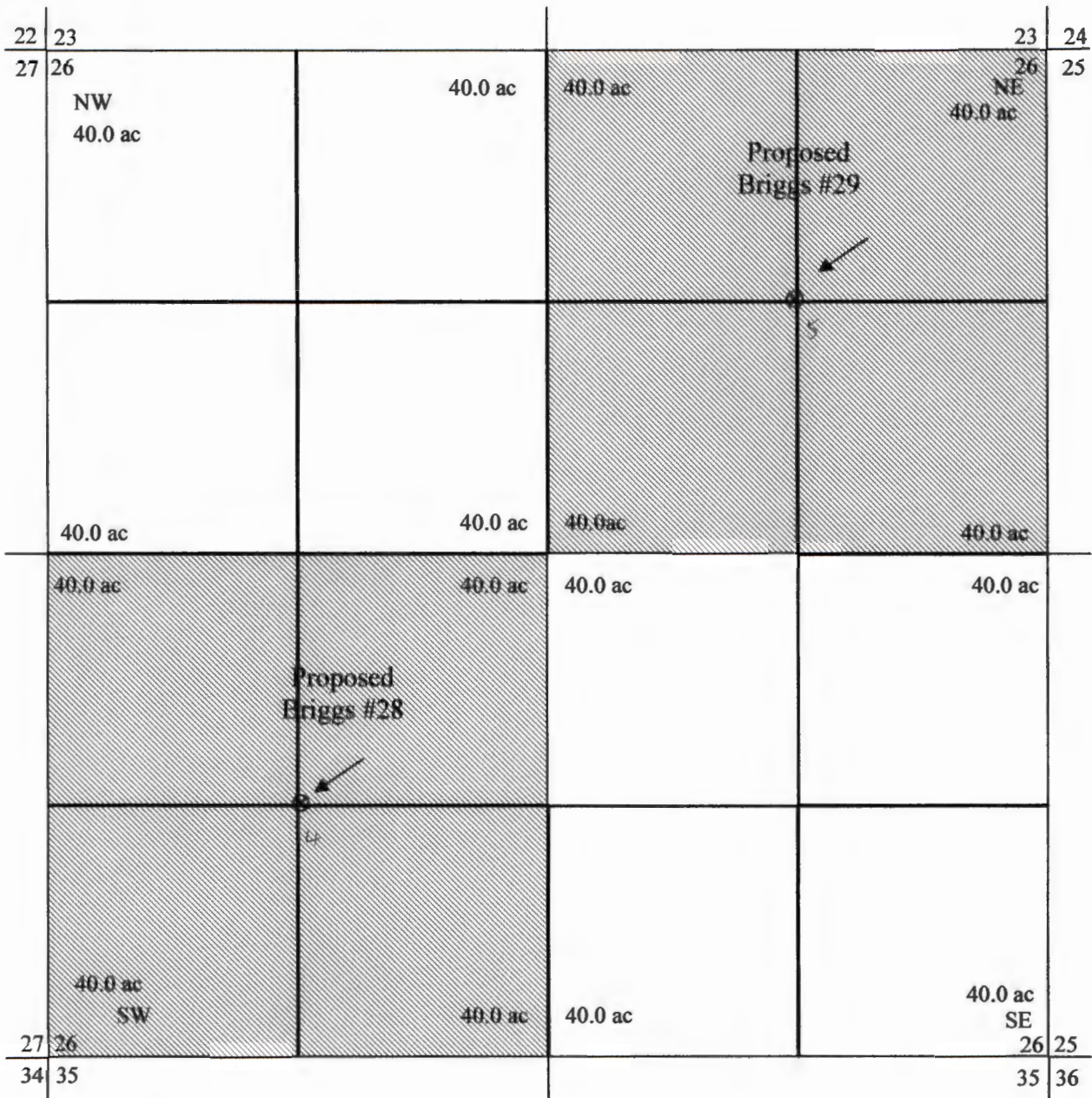
In T26S R32E W.M.
Section 24
Tax Lot 800: 160.0 acres
Tax Lot 300: 120.0 acres
1" = 880 feet

RECEIVED BY OWRD

DEC 19 2012

SALEM, OR

G-17592



Briggs #29

To be located 1,320 feet South and 1,320 feet West of the NE corner of Section 26

Briggs #28

To be located 1,320 feet North and 1,320 feet East of the SW corner of Section 26

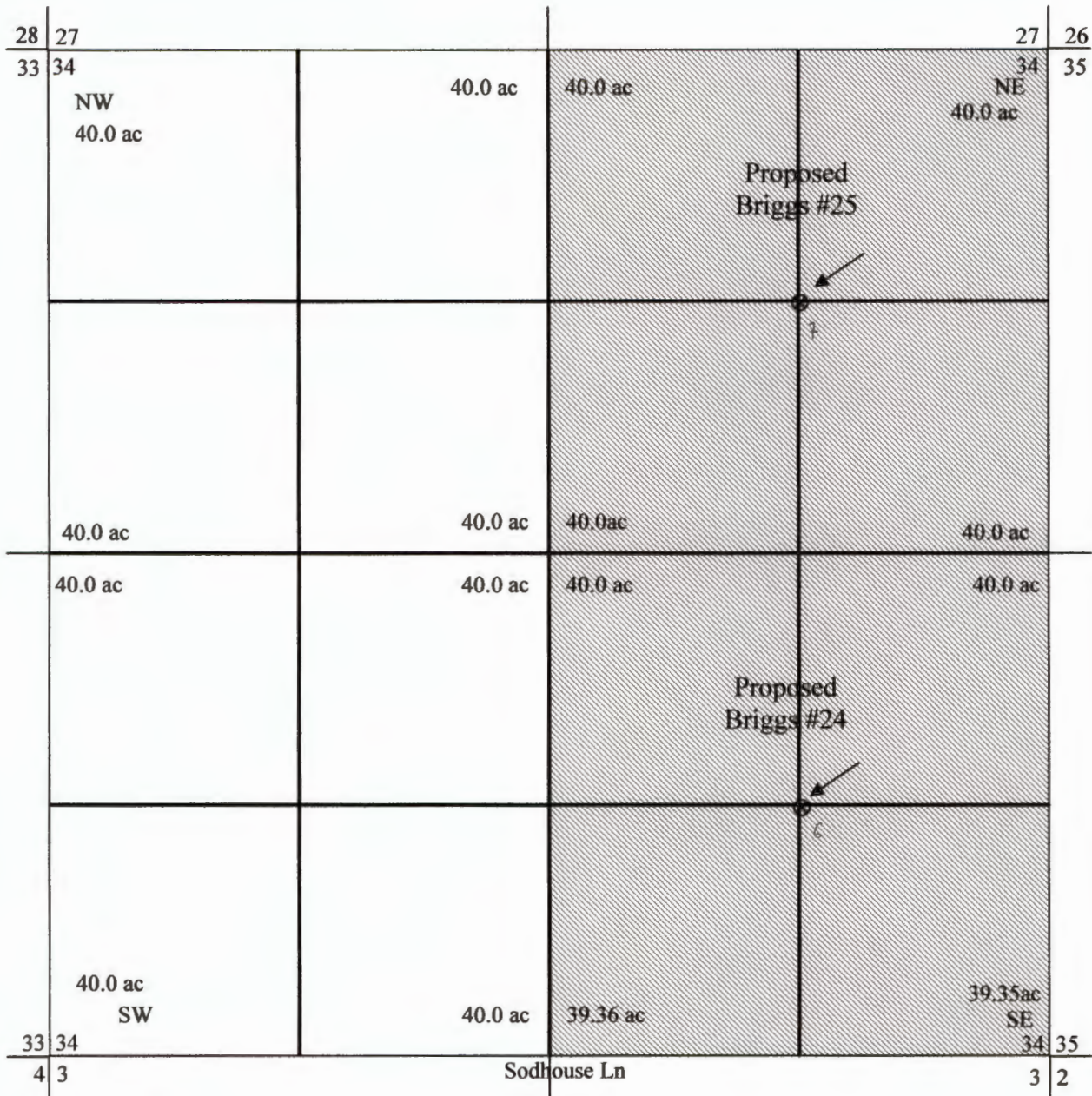
✓ In T26S R32E W.M.
 Section 26
 Tax Lot 300: 160.0 acres
 Tax Lot 1200: 160.0 acres
 1" = 880 feet

G-17592

RECEIVED BY OWRD

OCT 30 2012

SALEM OR



Briggs #25

To be located 1,320 feet South
and 1,310 feet West of the NE
corner of Section 34

Briggs #24

To be located 1,320 feet North
and 1,310 feet West of the SE
corner of Section 34

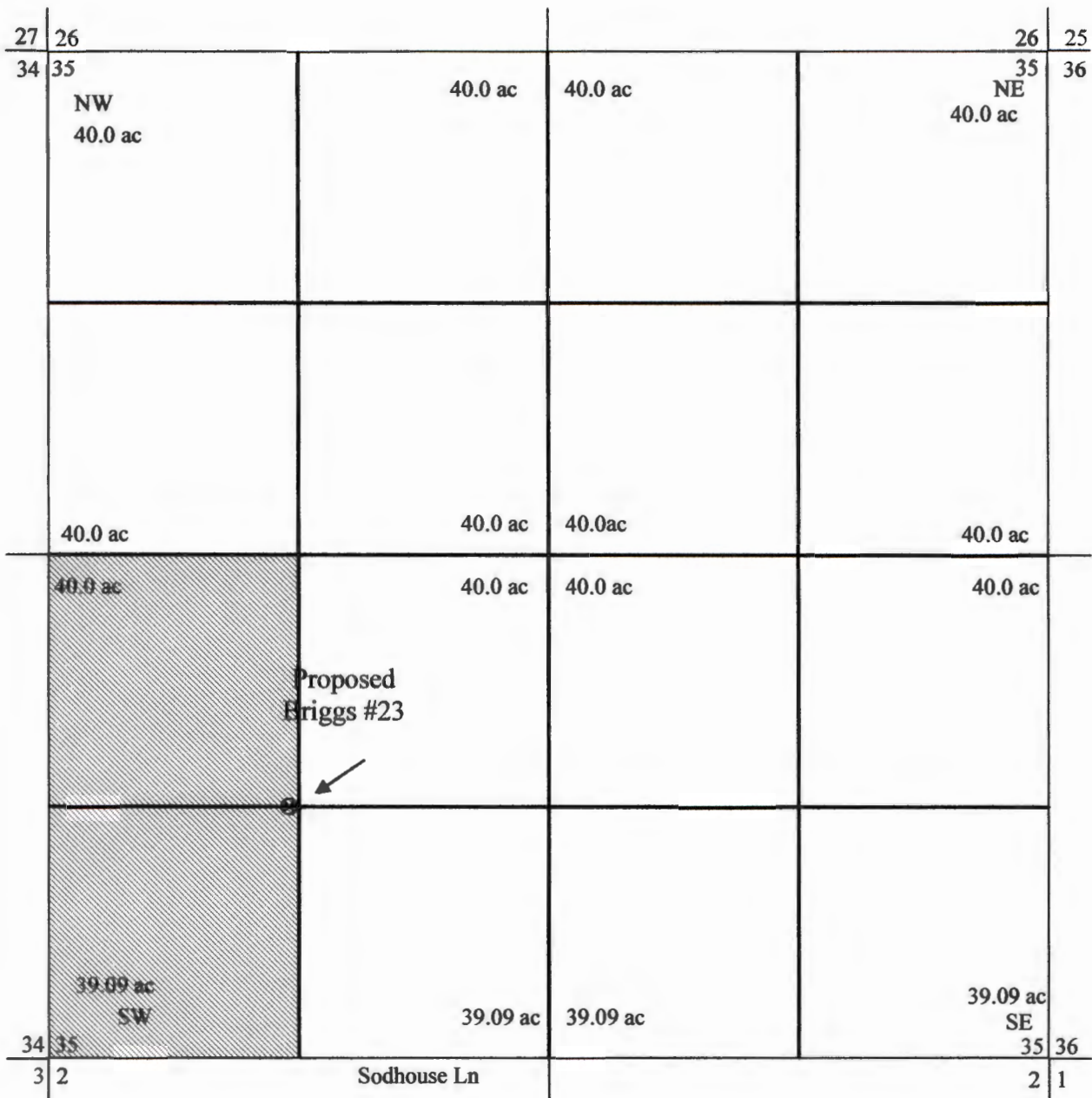
✓ In T26S R32E W.M.
Section 34
Tax Lot 1800: 78.71 acres
Tax Kit 1300: 240.0 acres
1" = 880 feet

67-17592

RECEIVED BY OWRD

OCT 26 2012

SALEM OR



Briggs #23

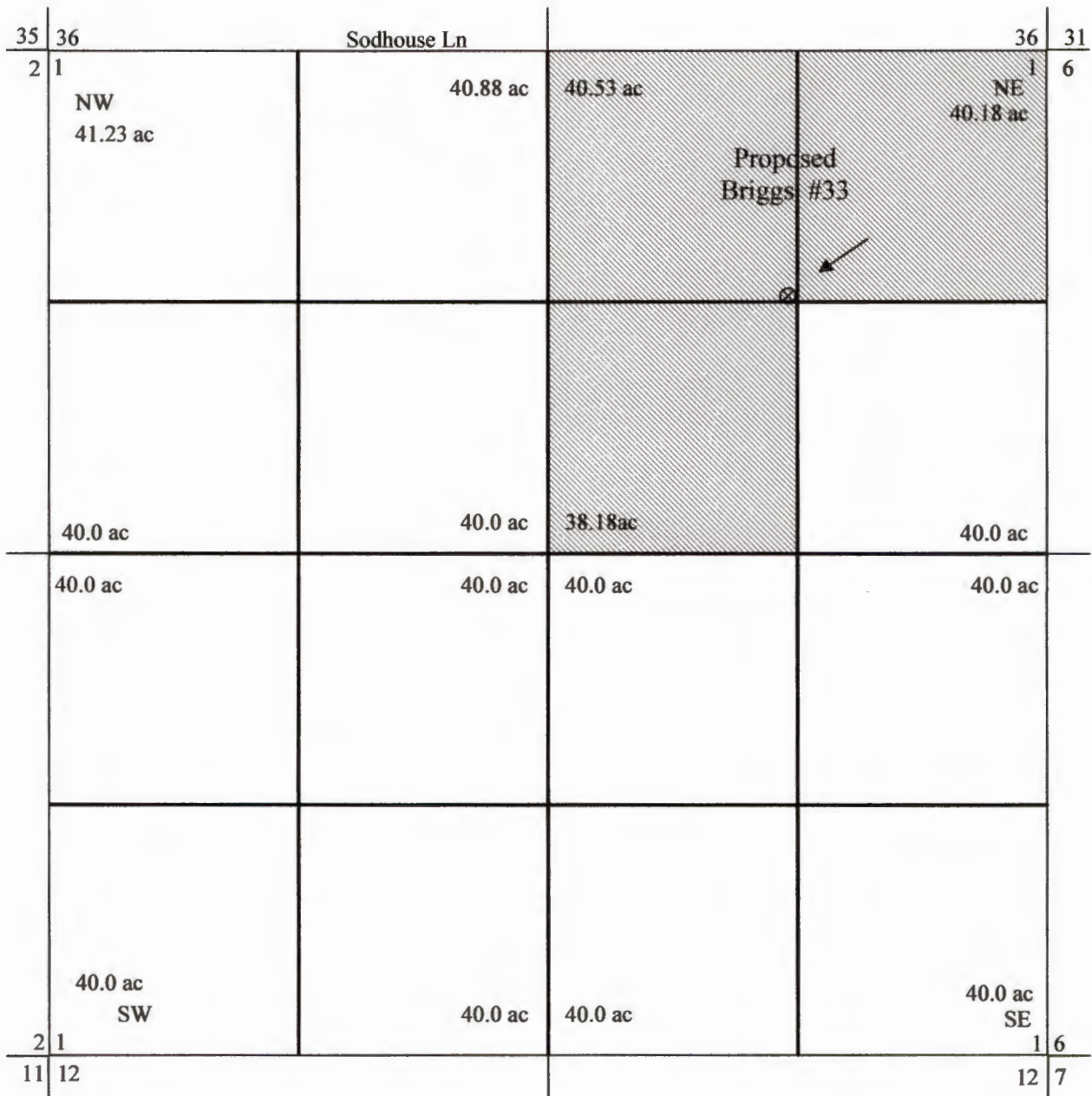
To be located 1,320 feet North
 and 1,310 feet East of the SW
 corner of Section 35

In T26S R32E W.M.
 Section 35
 Tax Lot 1800: 79.09 acres
 1" = 880 feet

RECEIVED BY OWRD

DEC 19 2012

SALEM, OR



Briggs #33

To be located 1,320 feet South
and 1,330 feet West of the NE
corner of Section 1

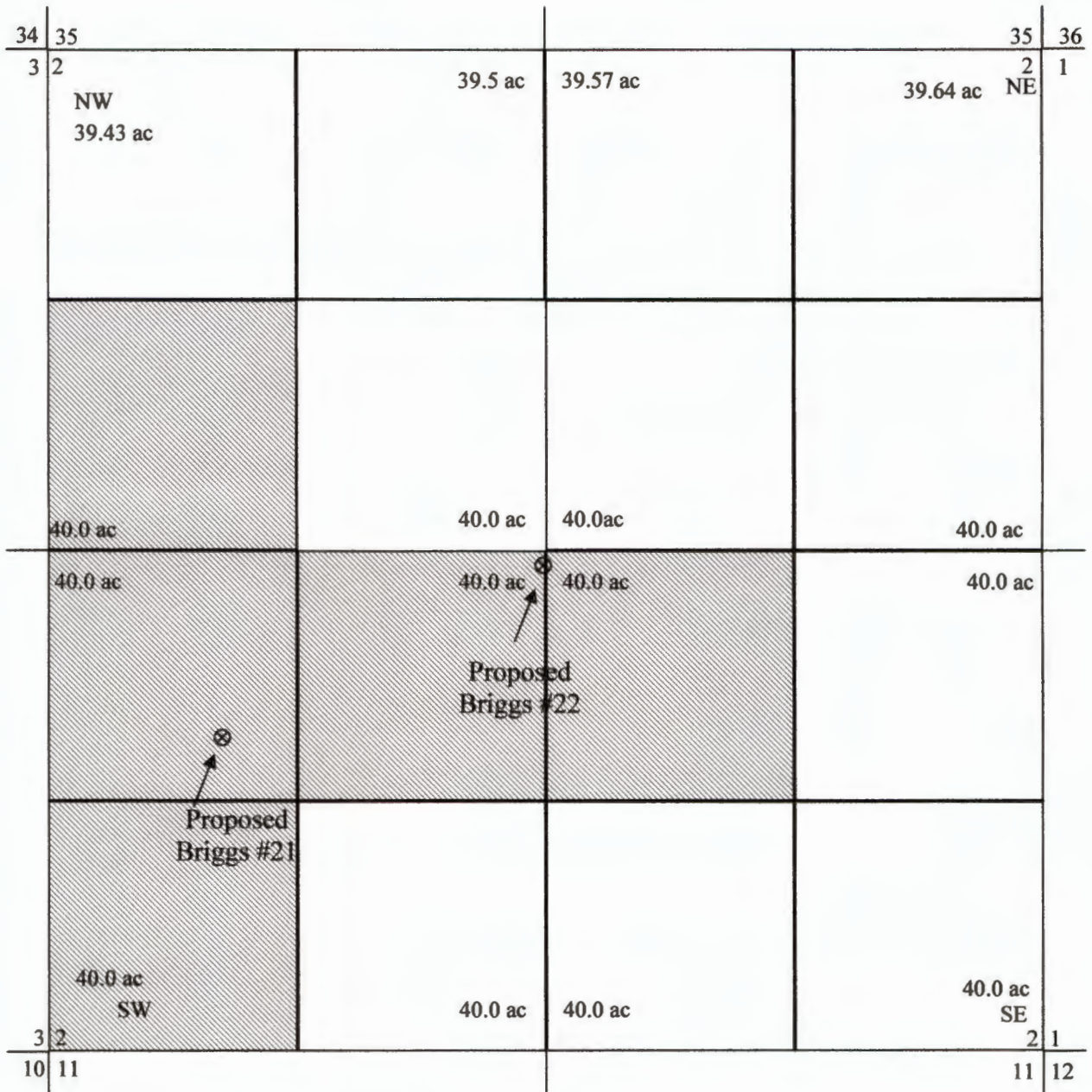
✓ In T27S R31E W.M.
Section 1
Tax Lot 300: 118.89 acres
1" = 880 feet

G-17592

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OCT 26 2012

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Briggs #21

To be located 1,650 feet North
and 920 feet East of the SW
corner of Section 2

Briggs #22

To be located 2,640 feet North
and 2,640 feet East of the SW
corner of Section 2

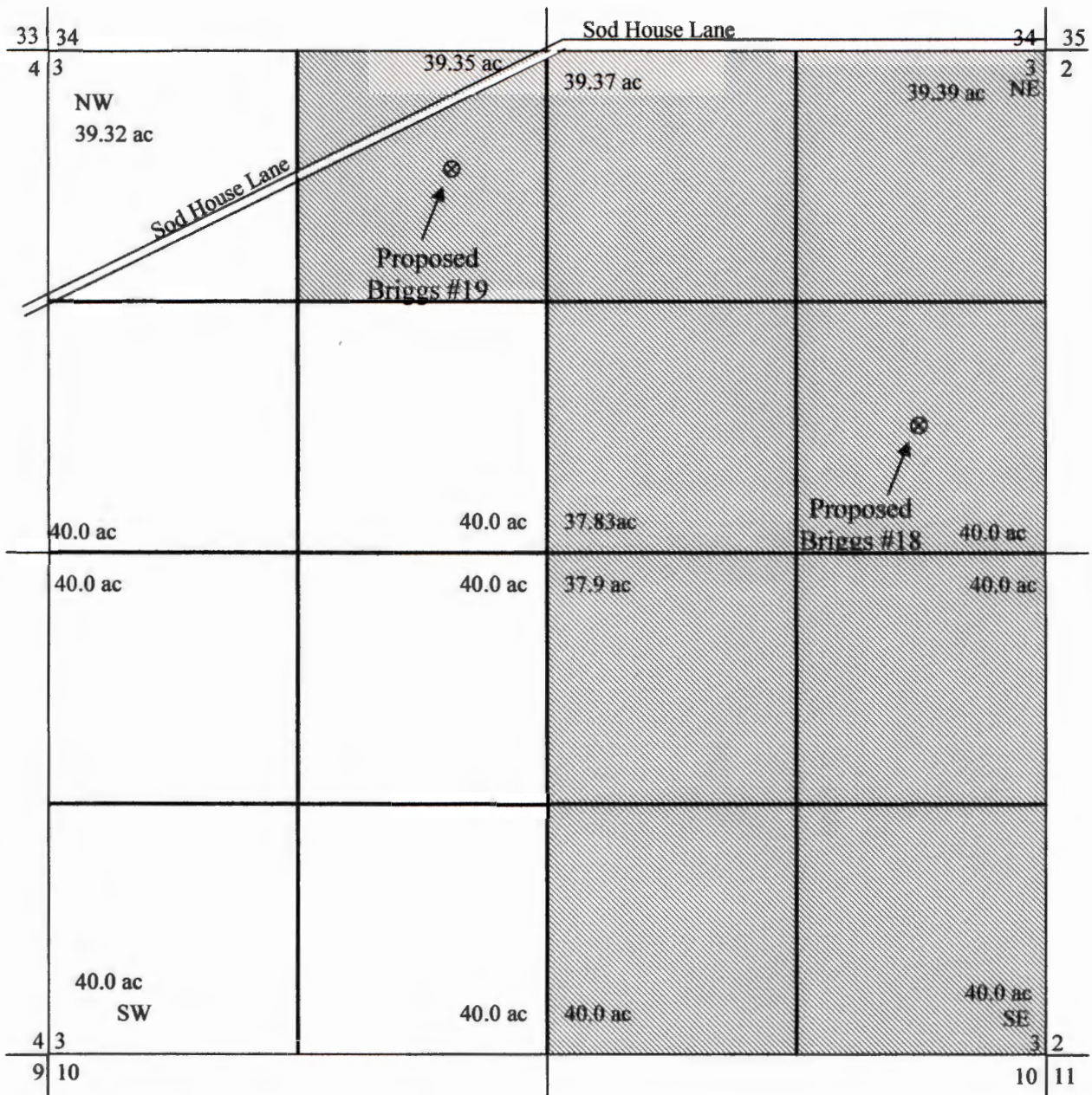
In T27S R32E W.M.
Section 2
Tax Lot 200: 200.0 acres
1" = 880 feet

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Briggs #18

Briggs #19

(700') To be located 1,980 feet South and 70 feet West of the NE corner of Section 3

To be located 750 feet South and 2,140 feet East of the NW corner of Section 3

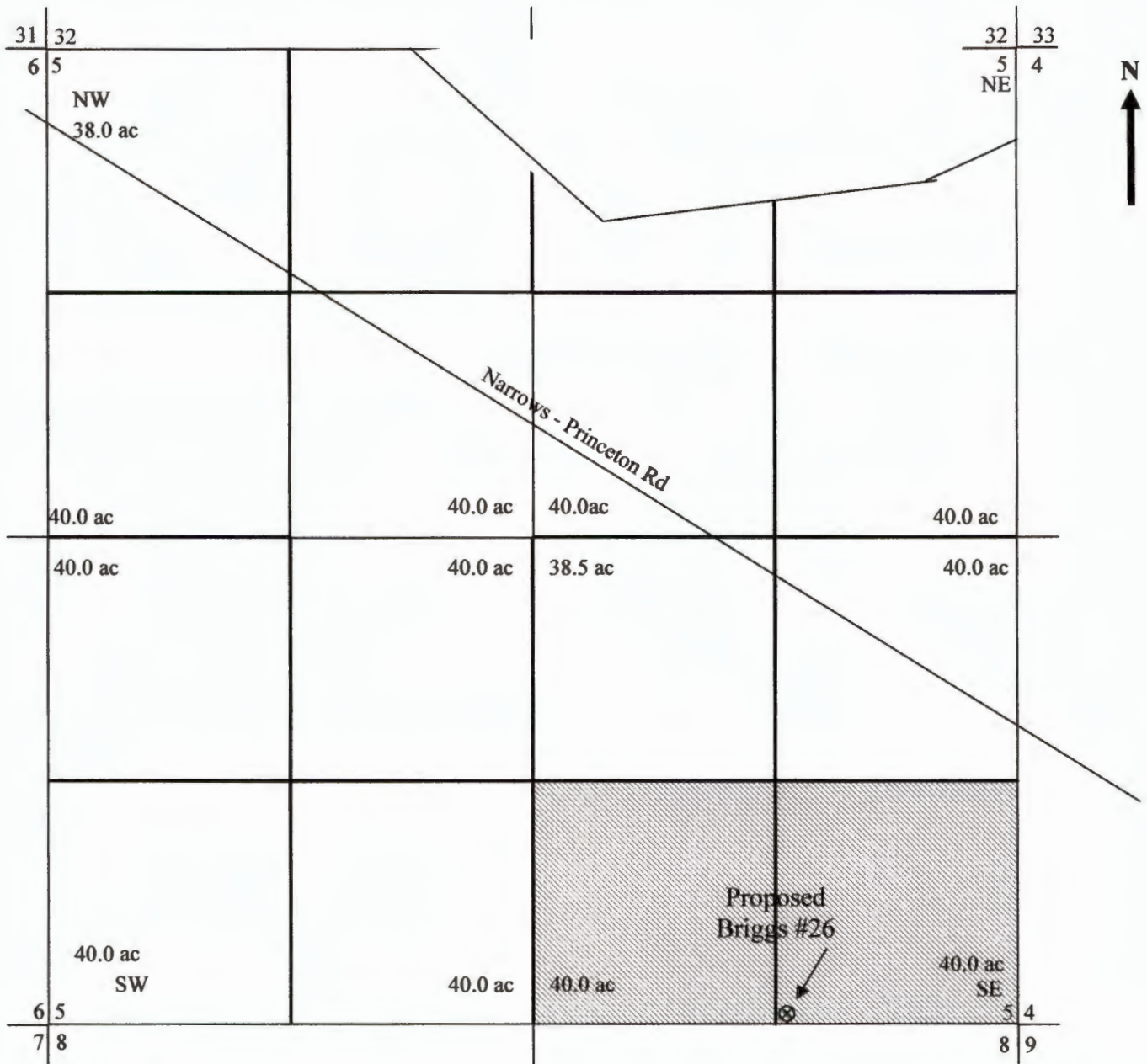
In T27S R32E W.M.
 Section 3
 Tax Lot 200: 199.39 acres
 Tax Lot 300: 154.45
 1" = 880 feet

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Briggs #26

To be located 20 feet North
and 1,310 feet West of the SE
corner of Section 5

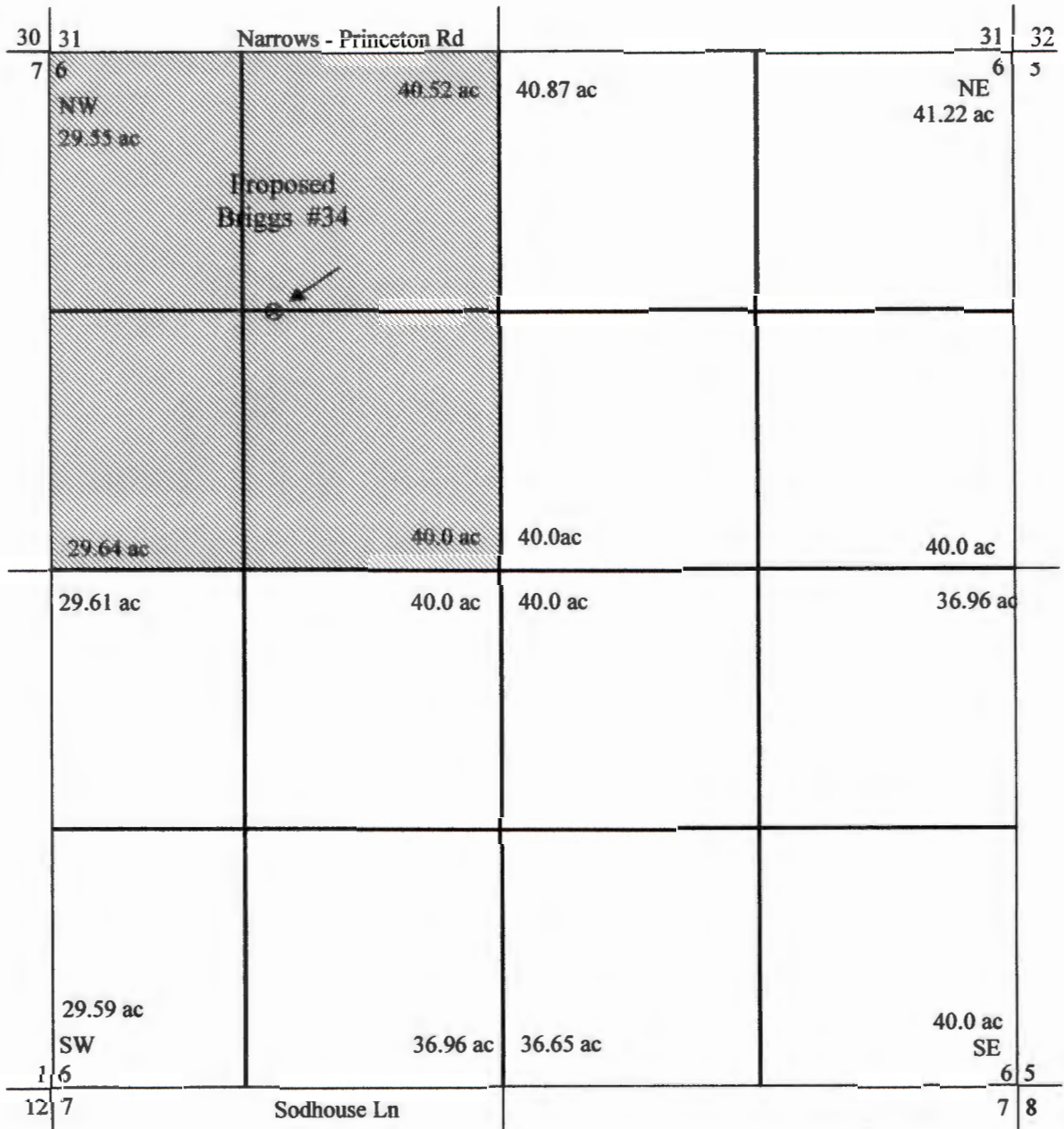
— In T27S R32E W.M.
Section 5
Tax Lot 500: 80.0 acres
1" = 880 feet

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Briggs #34

To be located 1,320 feet South
and 1,145 feet West of the
NW corner of Section 6

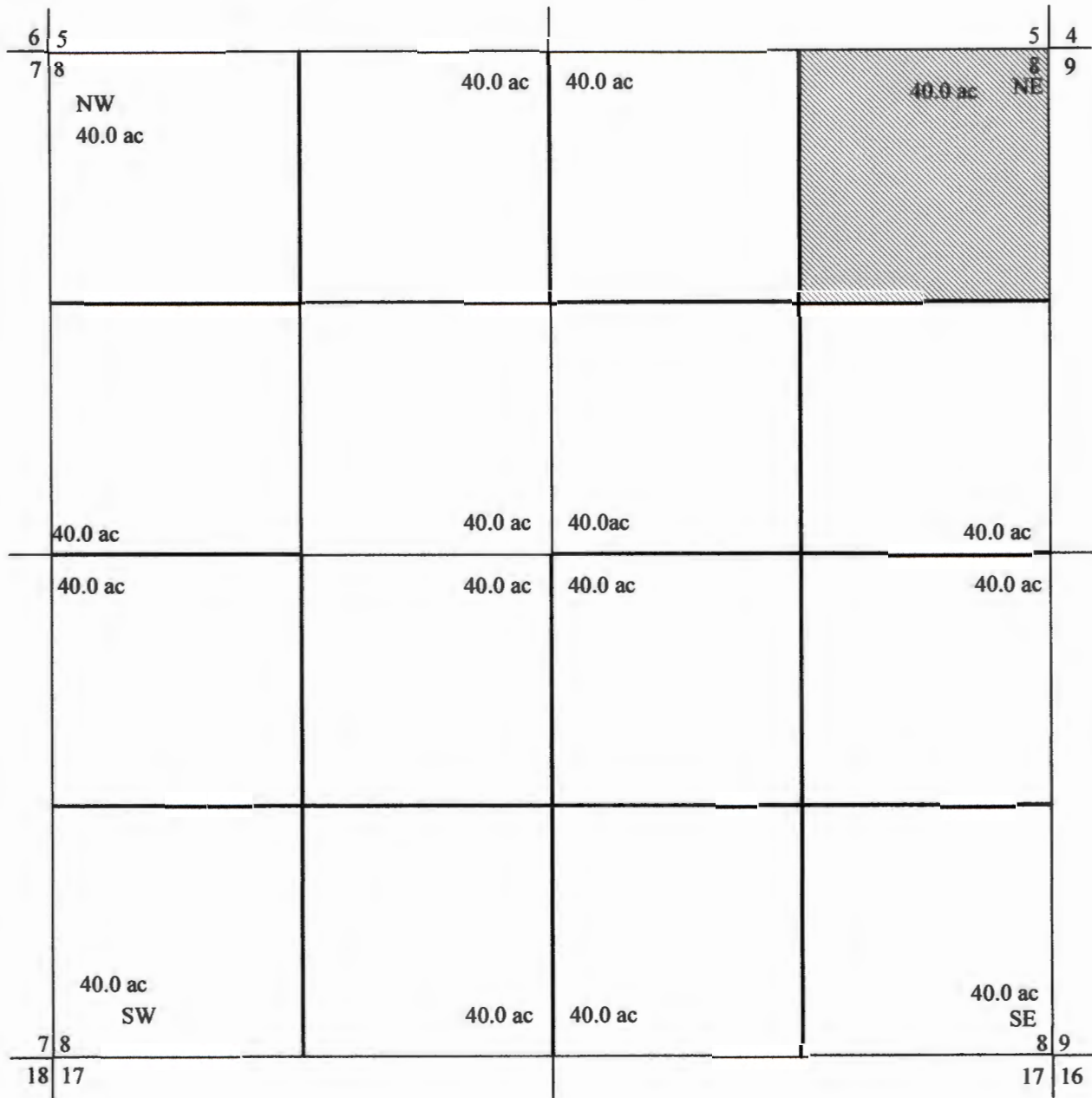
In T27S R32E W.M.
Section 6
Tax Lot 100: 70.07 acres
Tax Lot 200: 29.64 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

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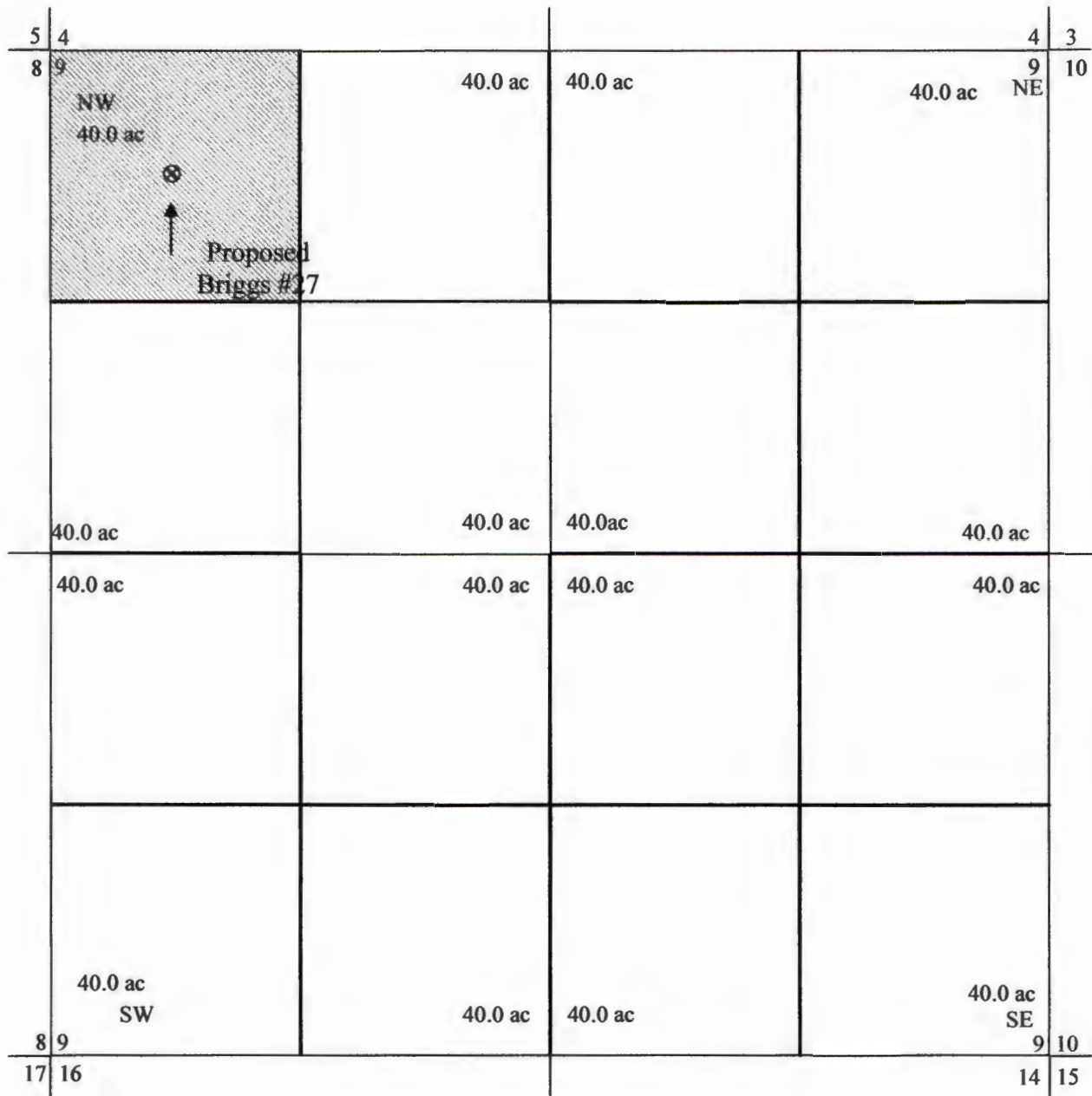
✓ In T27S R32E W.M.
Section 8
Tax Lot 500: 40.0 acres
1" = 880 feet

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Briggs #27

To be located 660 feet South
and 660 feet East of the NW
corner of Section 9

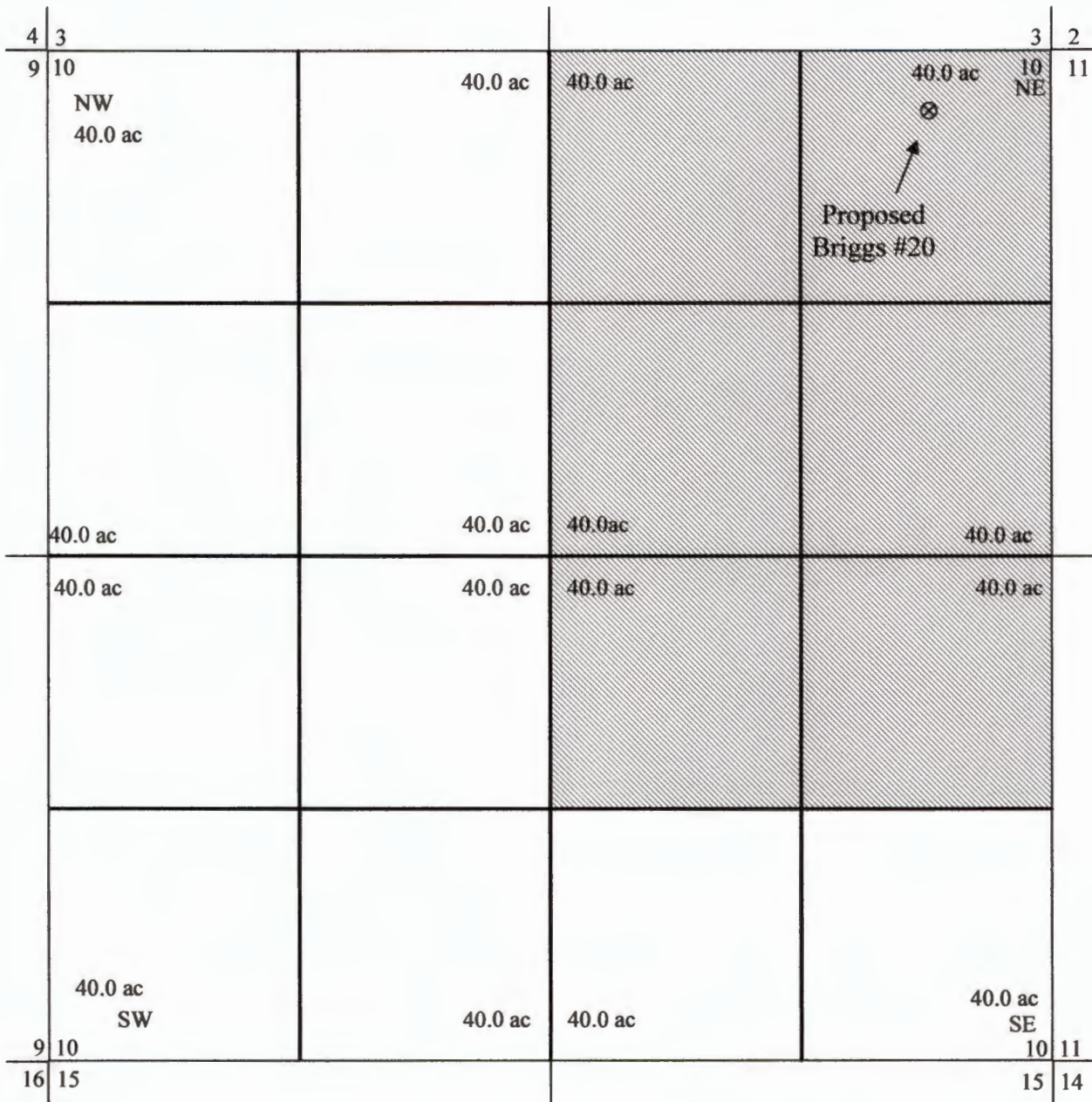
— In T27S R32E W.M.
Section 9
Tax Lot 500: 40.0 acres
1" = 880 feet

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Briggs #20

To be located 290 feet South
and 660 feet West of the NE
corner of Section 10

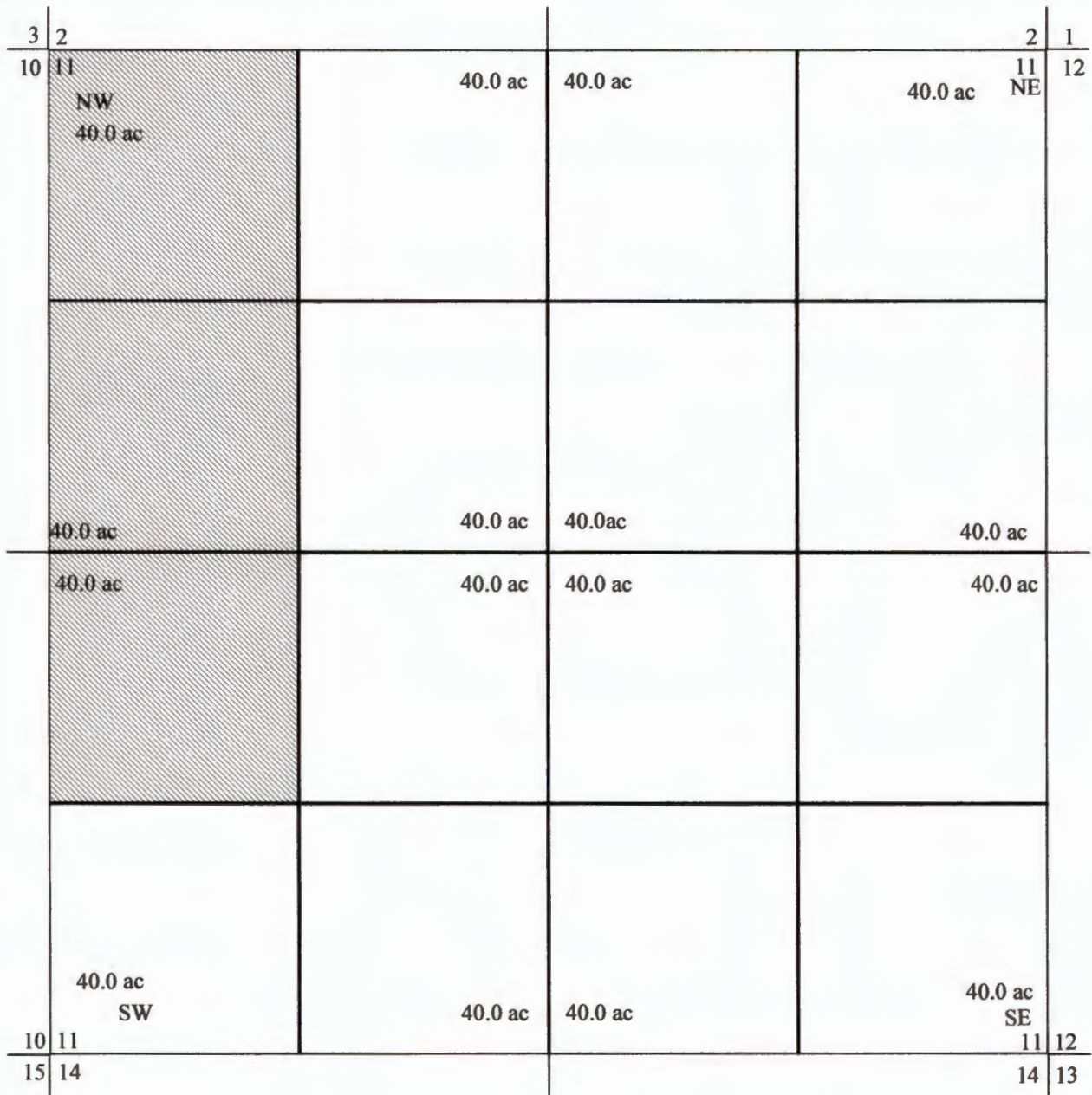
— In T27S R32E W.M.
Section 10
Tax Lot 200: 240.0 acres
1" = 880 feet

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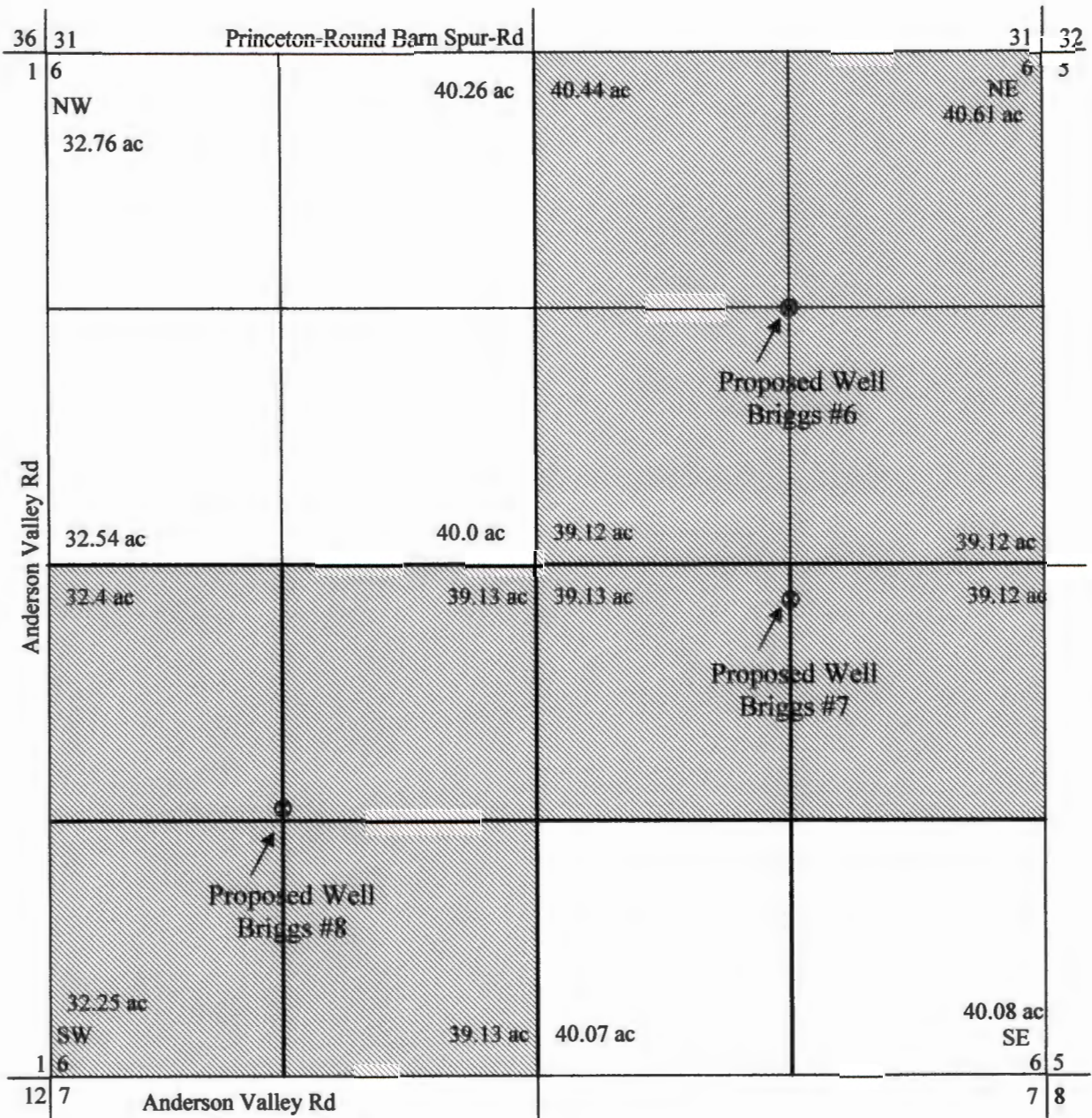
In T27S R32E W.M.
 Section 11
 Tax Lot 200: 120.0 acres
 1" = 880 feet

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Briggs #6

To be located 1,320 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #7

To be located 2,790 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #8

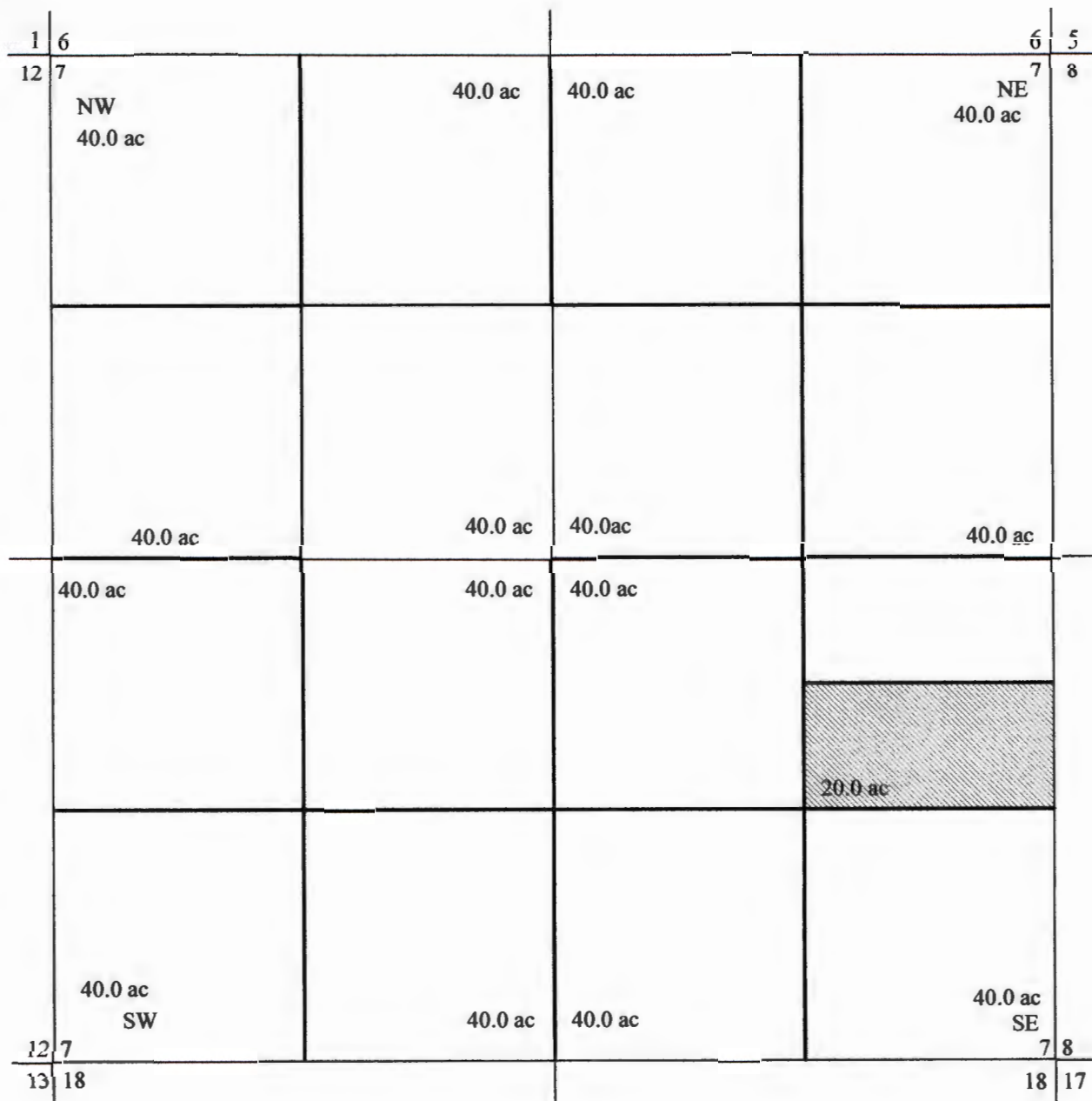
To be located 1,320 feet North and 1,315 feet East of the SW corner of Section 6

In T27S R34E W.M.
 Section 6: SW1/4 + NE1/4 + N1/2 SE1/4
 Tax Lot 700: 380.45 acres
 1" = 880 feet

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In T27S R34E W.M.
 Section 07
 Tax Lot 1201: 20.0 acres

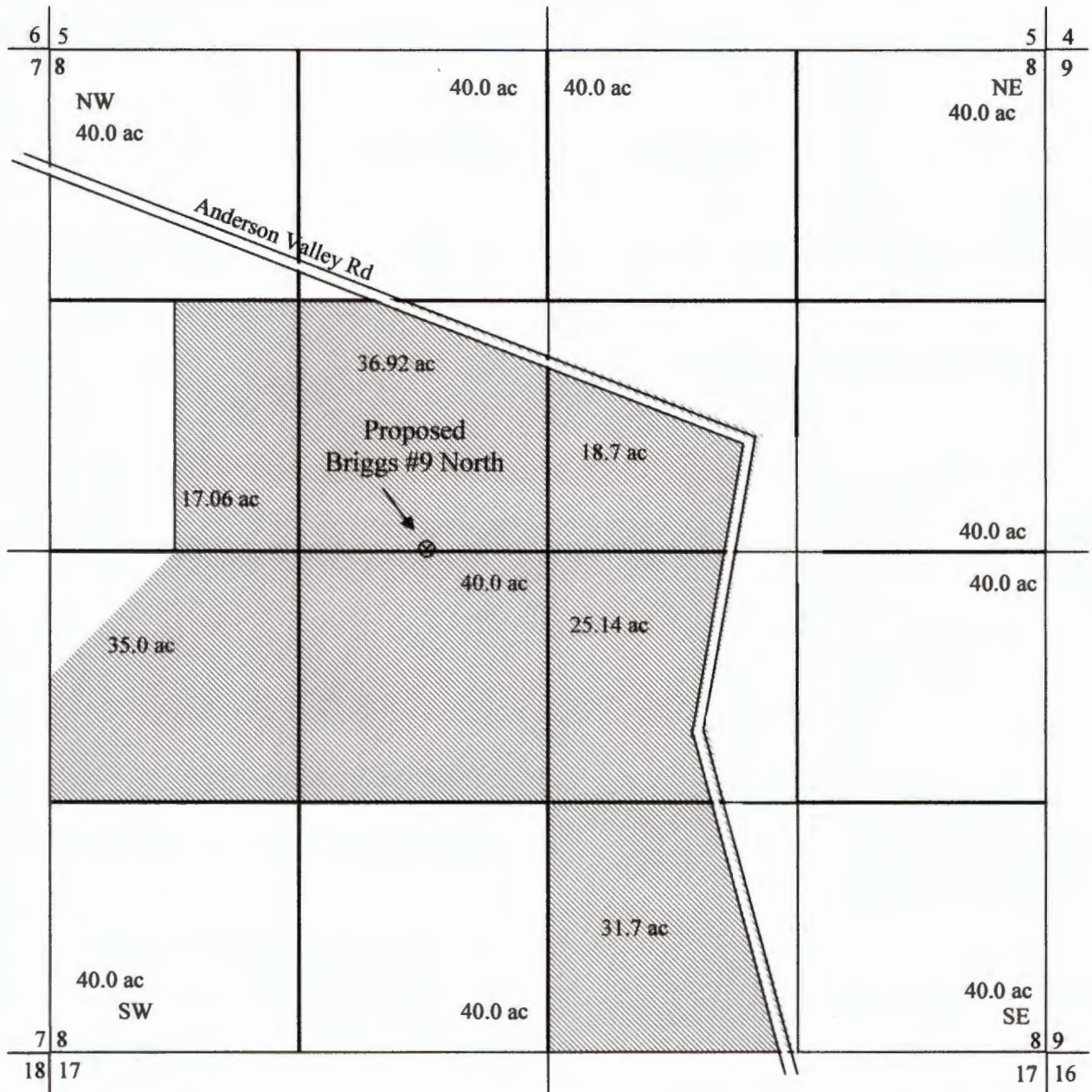
1" = 880 feet

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Briggs #9 North

To be located 2,640 feet South
and 2,000 feet East of the NW
corner of Section 8

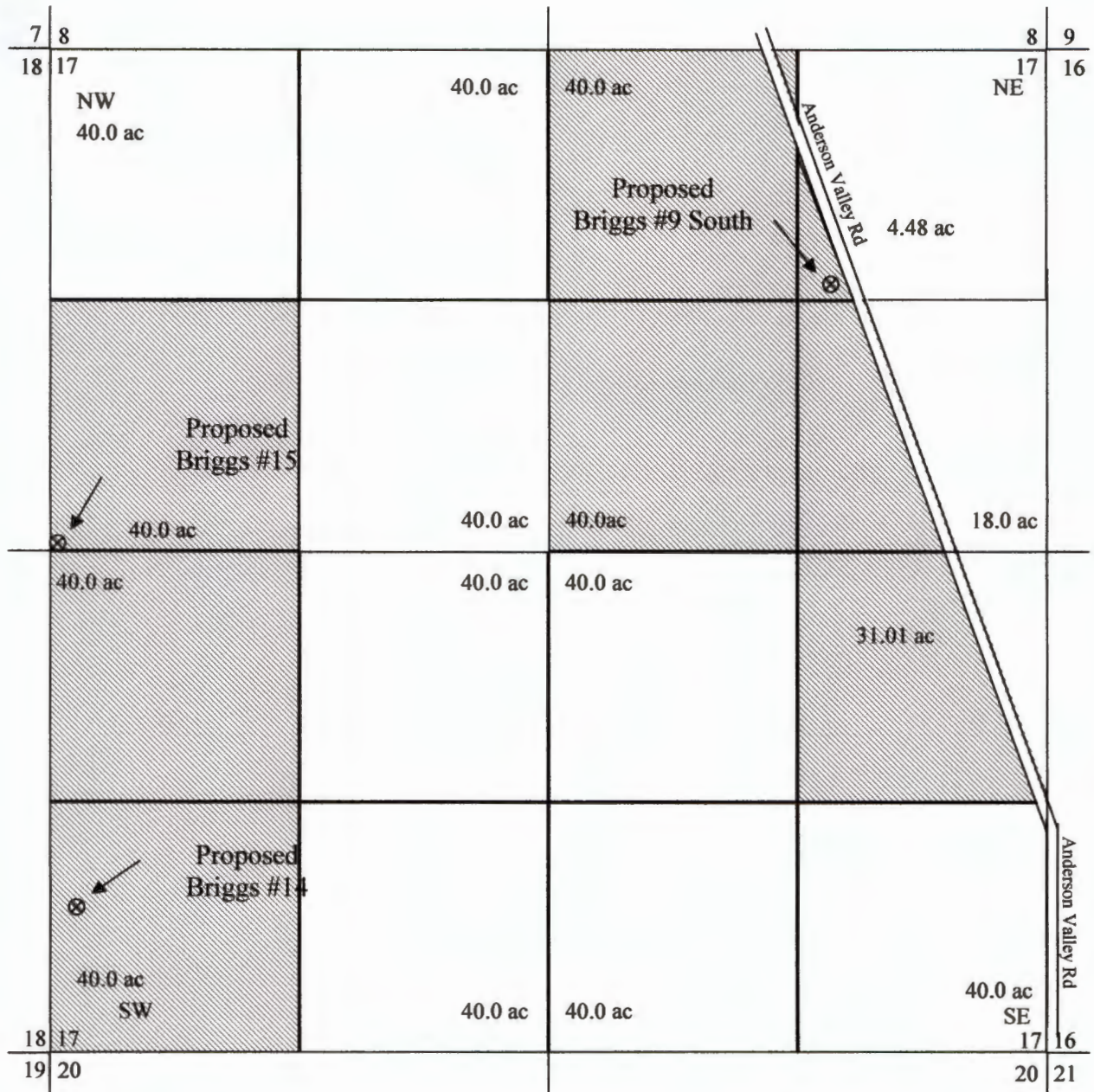
In T27S R34E W.M.
Section 08
Tax Lot 1201: 162.58 acres
Tax Lot 3000: 62.0
1" = 880 feet

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Briggs #14

To be located 770 feet North and 135 feet East of the SW corner of Section 17

Briggs #15

To be located 2,600 feet South and 30 feet East of the NW corner of Section 17

Briggs #9 South

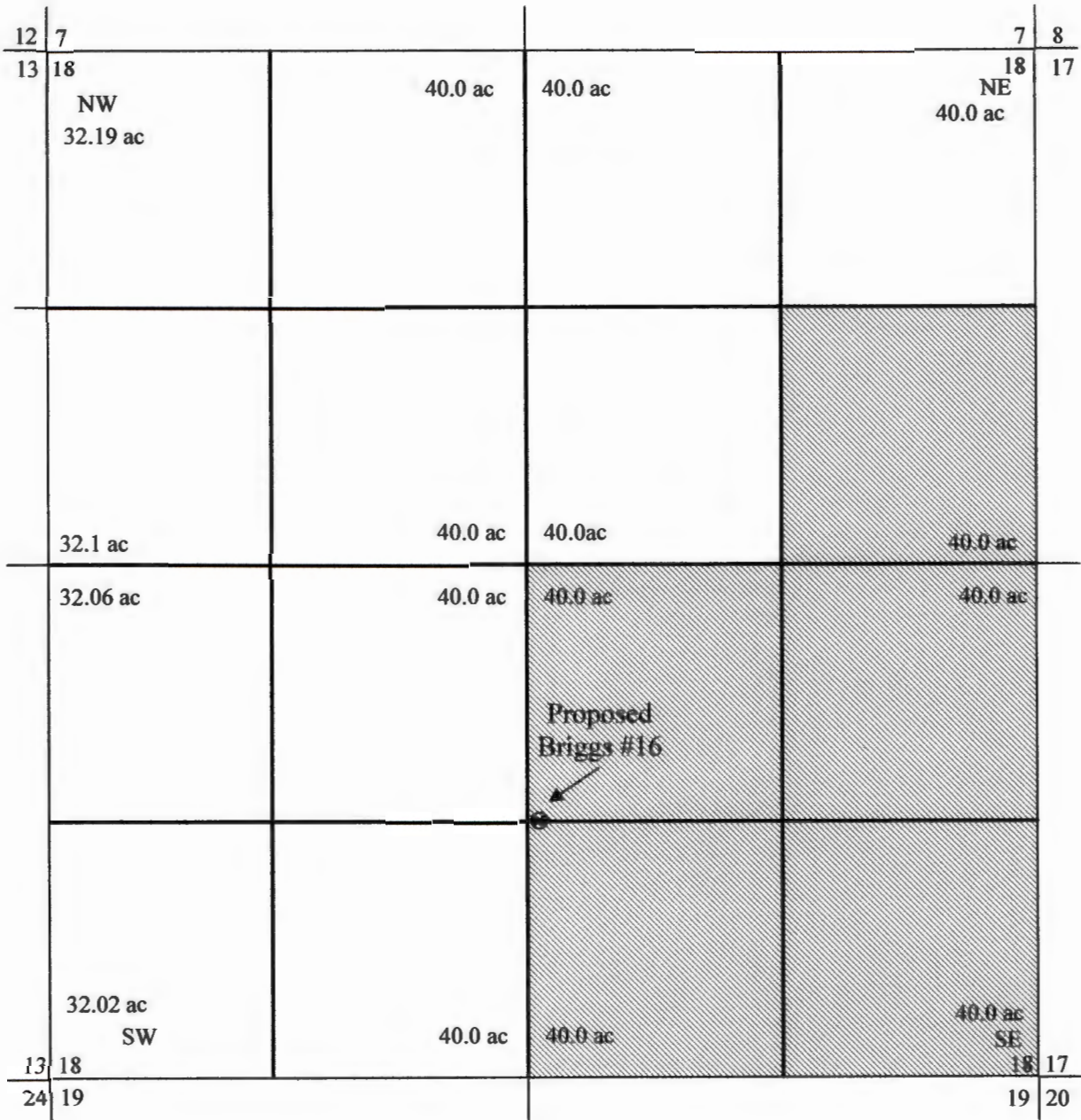
To be located 1,250 feet South and 1,160 feet West of the NE corner of Section 17

In T27S R34E W.M.
 Section 17
 Tax Lot 3100: 120.0 acres
 Tax Lot 3000: 125.04
 1" = 880 feet

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Briggs #16

To be located 1,320 feet North
and 2,630 feet West of the SE
corner of Section 18

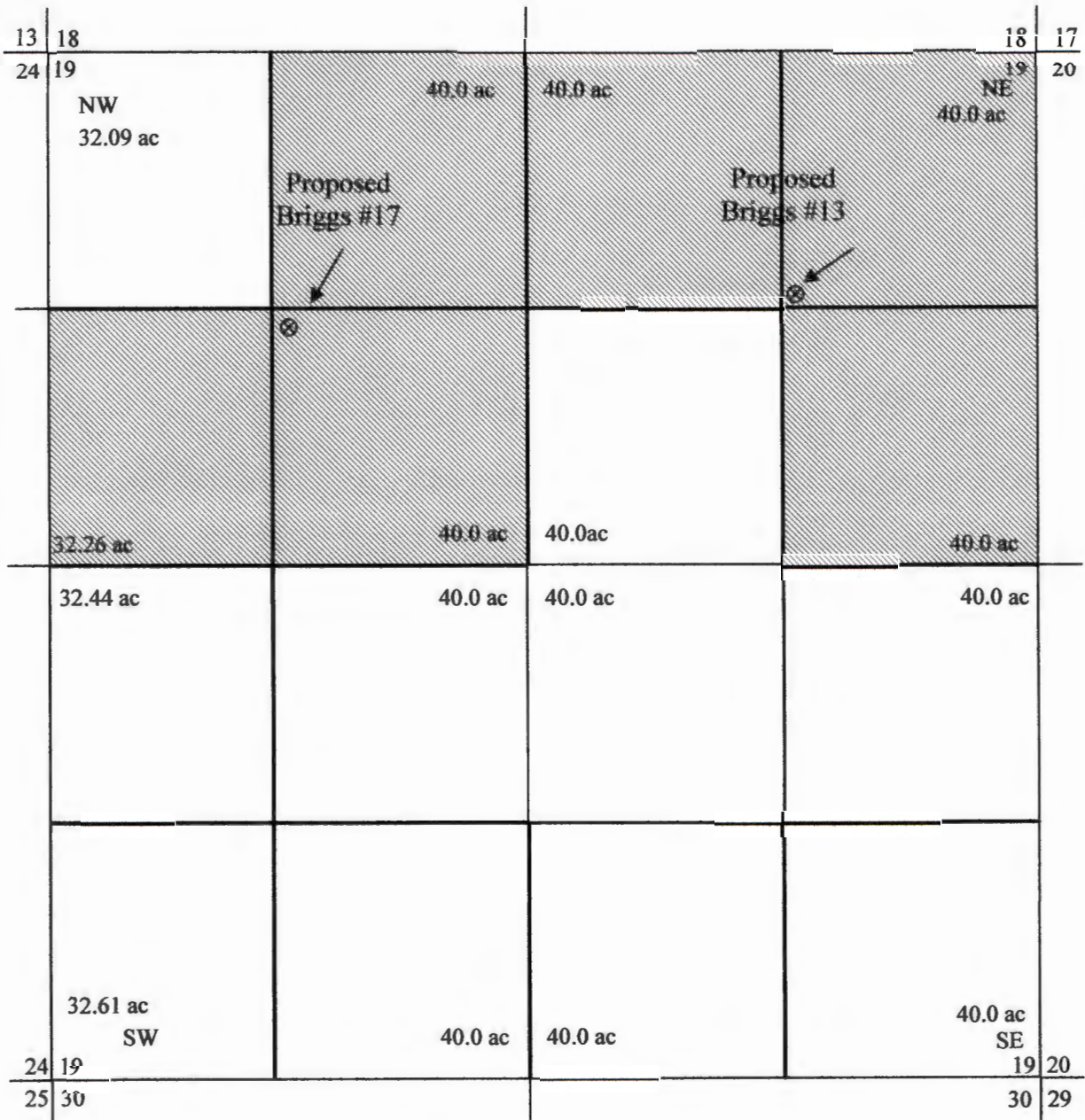
— In T27S R34E W.M.
Section 18
Tax Lot 3100: 200.0 acres
1" = 880 feet

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Briggs #13

To be located 1,310 feet South
and 1,310 feet West of the NE
corner of Section 19

Briggs #17

To be located 1,075 feet East
and 1,400 feet South of the
NW corner of Section 19

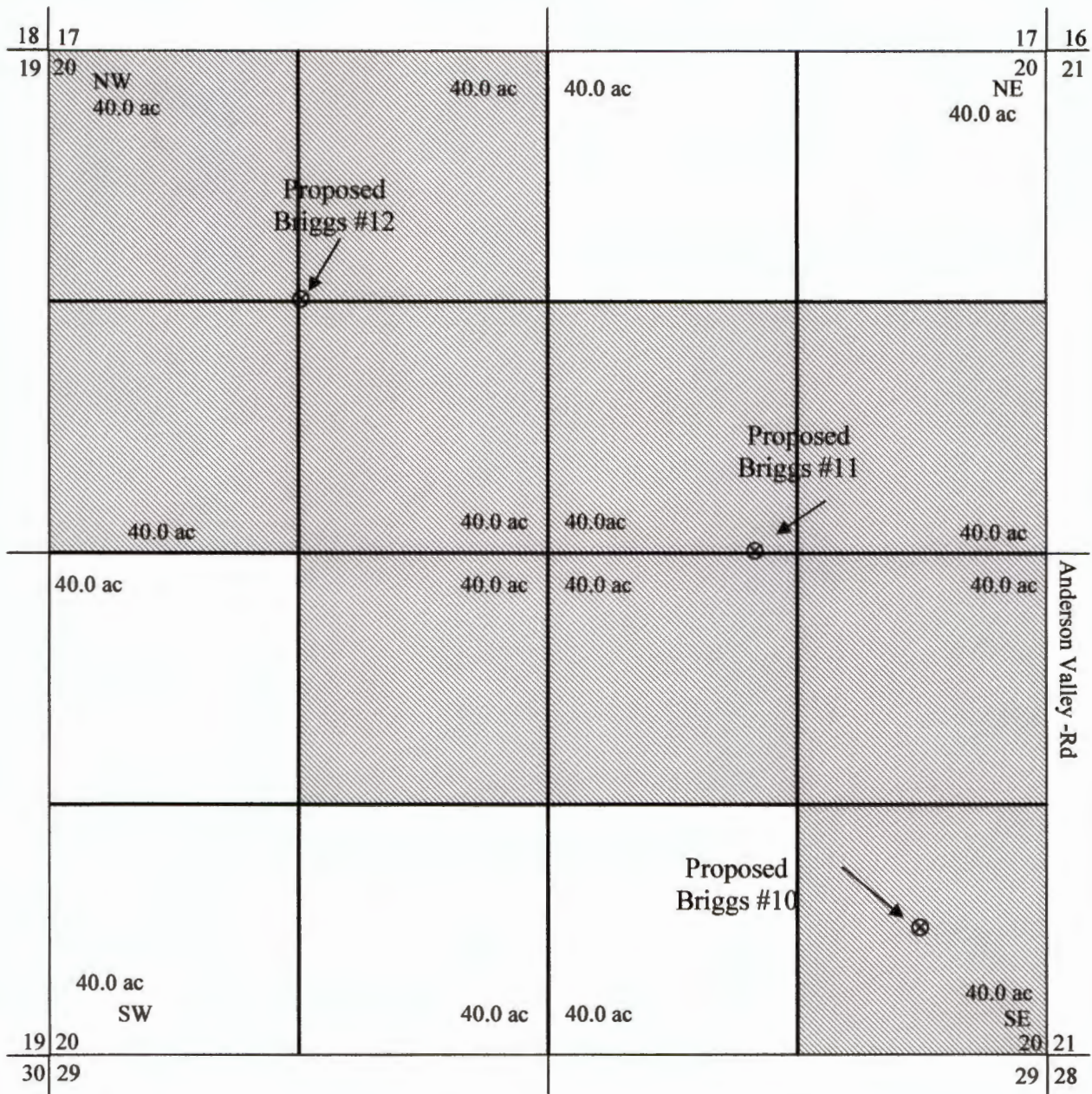
In T27S R34E W.M.
Section 19
Tax Lot 3100: 232.26 acres
1" = 880 feet

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Briggs #10

To be located 660 feet North and 660 feet West of the SE corner of Section 20

Briggs #11

To be located 1,930 feet West and 2,640 feet North of the SE corner of Section 20

Briggs #12

To be located 1,320 feet South and 1,320 feet East of the NW corner of Section 20

— In T27S R34E W.M.
Section 20
Tax Lot 3100: 400.0 acres
1" = 880 feet

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>Timothy Puckett</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p><u>B</u> Received by (Printed Name) <i>Timothy Puckett</i> <u>C</u> Date of Delivery <i>11/9/2012</i></p>
<p>1. Article Addressed to:</p> <p>G-17592 GOLDEN RULE FARMS INC TIMOTHY PUCKETT P.O. BOX 255 CHRISTMAS VALLEY OR 97641</p>	<p>RECEIVED NOV 13 2012 WATER RESOURCES DEPT SALEM, OREGON</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>E. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) <i>7011 0470 0002 8922 8515</i></p>	
<p>PS Form 3811, February 2004</p>	<p>Domestic Return Receipt <i>WR CUPR 11/9</i> 102595-02-M-1540</p>

7011 0470 0002 8922 8515

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at www.usps.com .	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Postmark Here	
<p>Sent To <i>G-17592 Golden Rule Farms</i></p> <p>Street, Apt. No., or PO Box No.</p> <p>City, State, ZIP+4</p>	
<p>PS Form 3800, August 2006 See Reverse for Instructions</p>	



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

CERTIFIED MAIL 70110470 0002 89228515
Return Receipt Requested

GOLDEN RULE FARMS INC
ATTN: TIMOTHY PUCKETT
PO BOX 255
CHRISTMAS VALLEY OR 97641

November 7, 2012

Reference: File G-17592

Dear Mr. Puckett:

The Water Resources Department received your application to appropriate ground water for irrigation. During the review of the application, I discovered additional information is necessary in order to continue processing the application.

Please provide the following items:

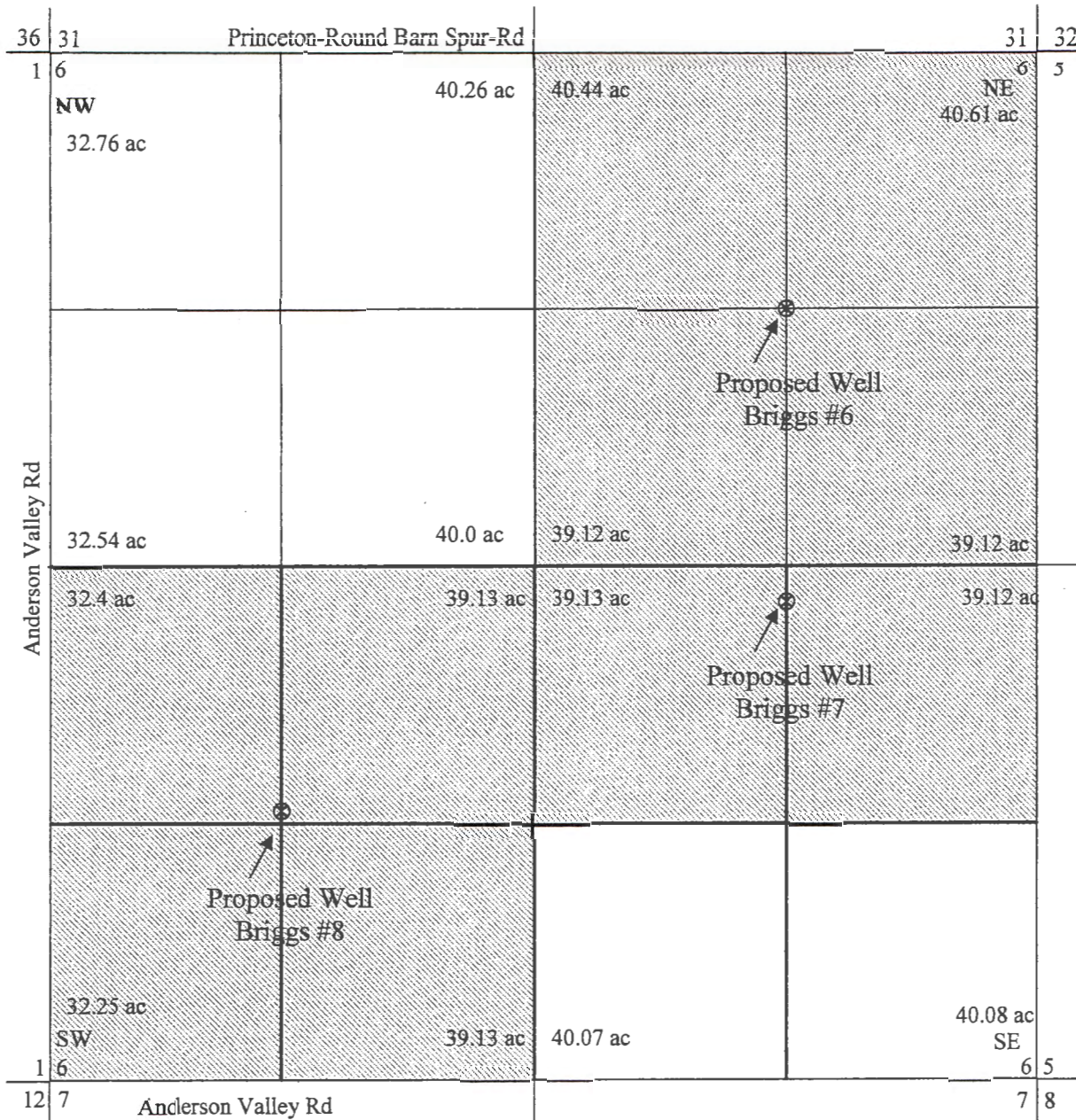
- Clarification of the coordinates, reference corner, and/or well locations as shown on the attached maps. As appropriate, please provide revised maps to correct any errors.
- Clarification of the number of acres per quarter-quarter as shown on the attached maps. As appropriate, please provide revised maps to indicate the acres per QQ.

Please contact me at jeana.m.eastman@state.or.us or 503-986-0859 with any questions.

Sincerely,

Jeana Eastman
Water Right Application Caseworker

cc: File (with copies of maps)
WM #10 (with copies of maps)



Briggs #6

To be located 1,320 feet South and 1,315 feet East of the ~~NW~~ NE? corner of Section 6

Briggs #7

To be located 2,790 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #8

To be located 1,320 feet North and 1,315 feet East of the SW corner of Section 6

west?

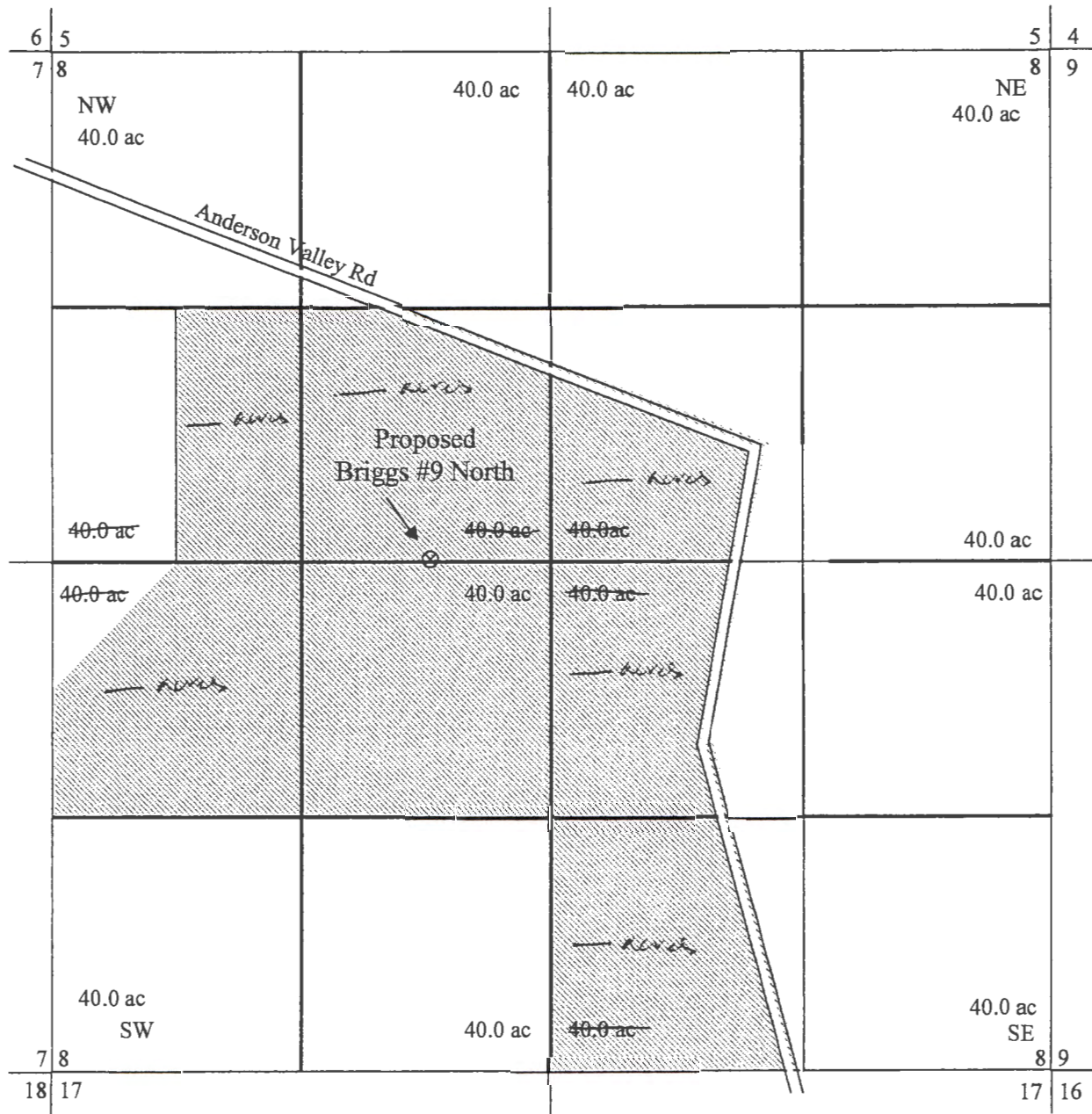
In T27S R34E W.M.
 Section 6: SW1/4 + NE1/4 + N1/2 SE1/4
 Tax Lot 700: 380.45 acres
 1" = 880 feet

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Briggs #9 North

To be located 2,640 feet South and 1,320 feet East of the NW corner of Section 8

2000' ?

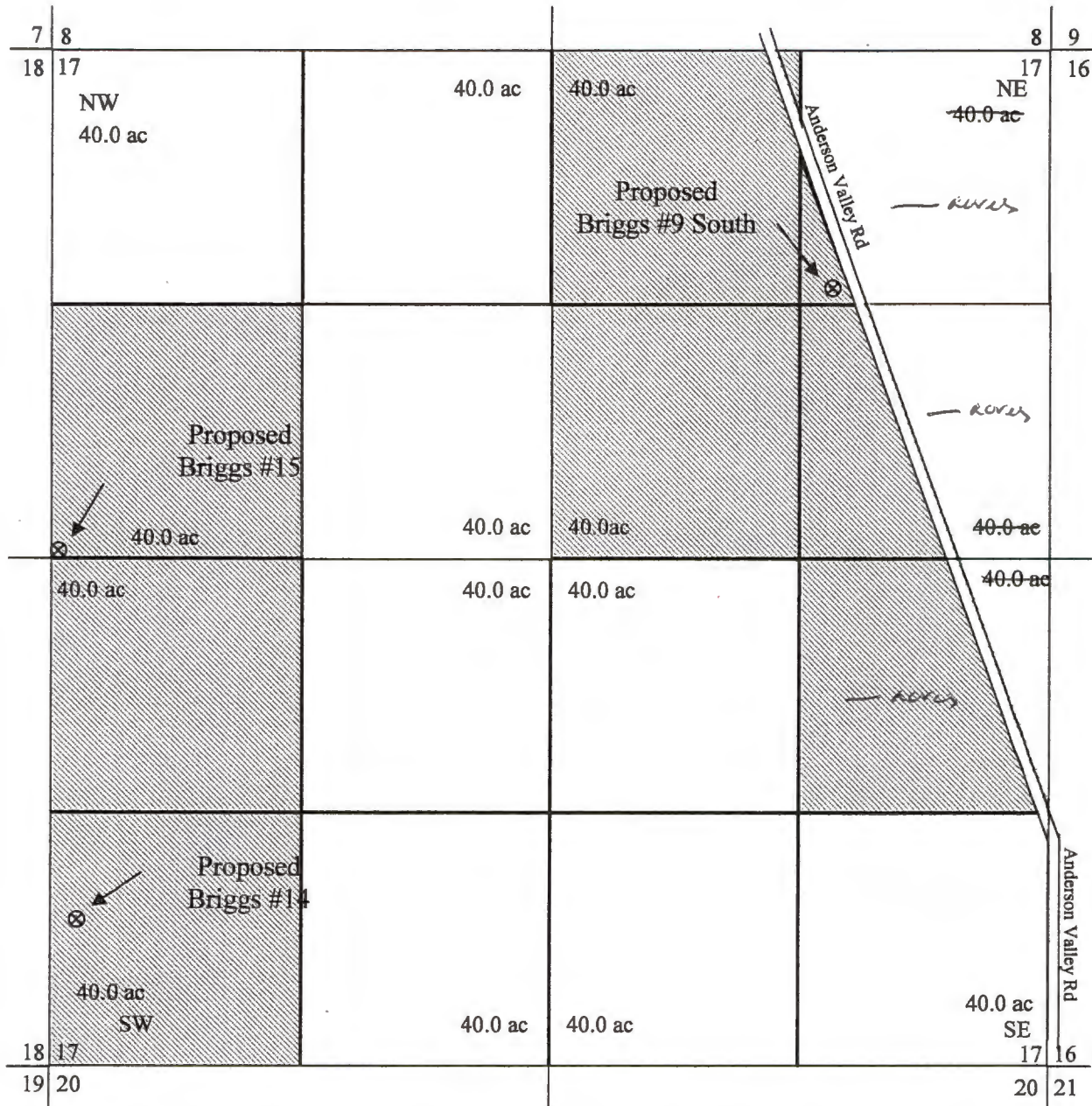
In T27S R34E W.M.
 Section 08
 Tax Lot 1201: 162.58 acres
 Tax Lot 3000: 62.0
 1" = 880 feet

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Briggs #14

To be located ^{770'} 1,320 feet ^{north} South and 10 feet East of the NW corner of Section 17 _{SW}

135

Briggs #15

To be located ²⁶⁰⁰ 495 feet ^{South} North and 80 feet East of the SW corner of Section 17 _{nw}

30

Briggs #9 South

To be located ¹²⁵⁰ 1,160 feet South and 1,160 feet West of the NE corner of Section 17

In T27S R34E W.M.

Section 17

Tax Lot 3100: 120.0 acres

Tax Lot 3000: 125.04

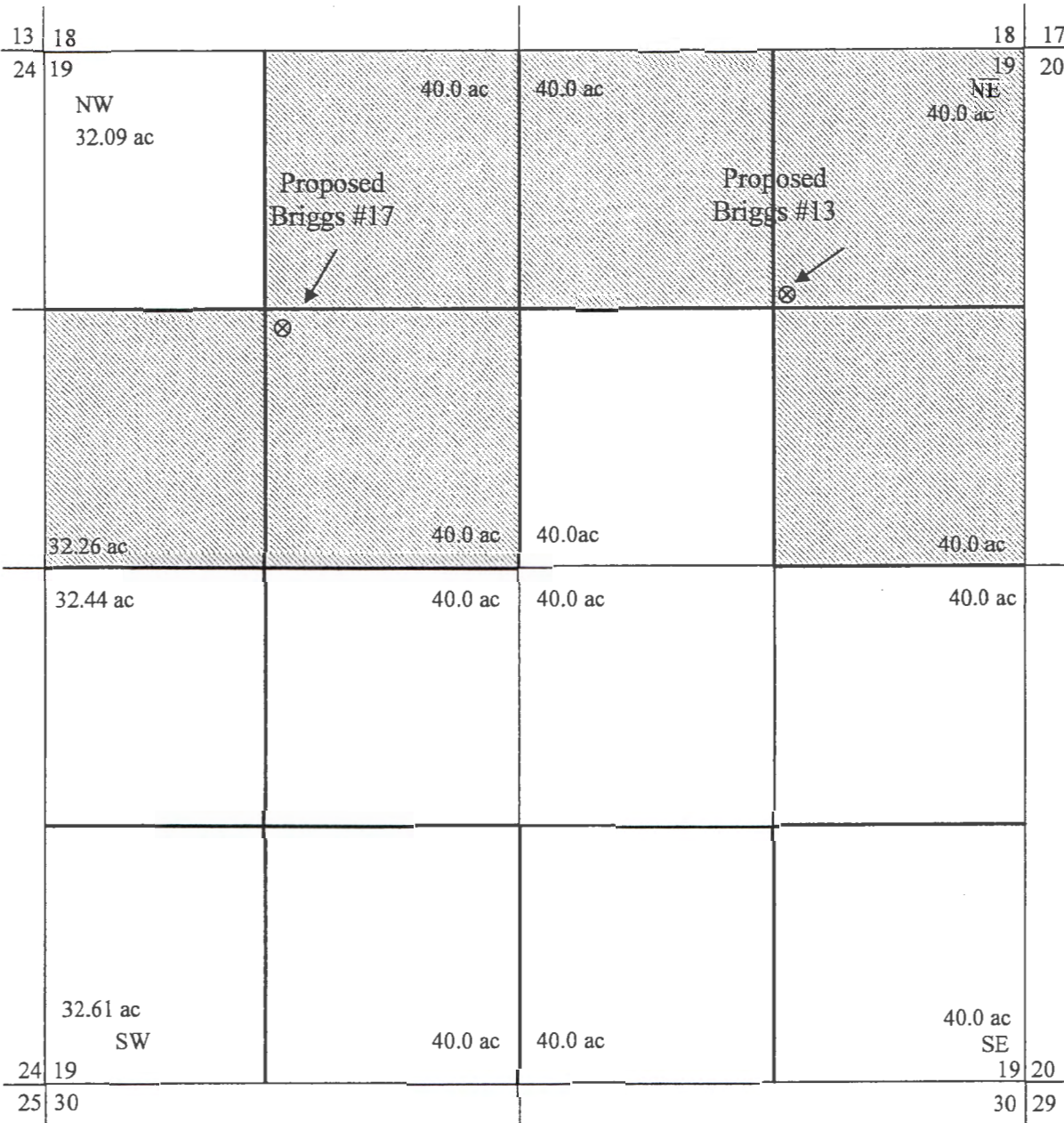
1" = 880 feet

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Briggs #13

To be located 1,310 feet South
and 1,310 feet West of the NE
corner of Section 19

Briggs #17

To be located 1,075 feet East
and 1,320 feet South of the
NW corner of Section 19

1400

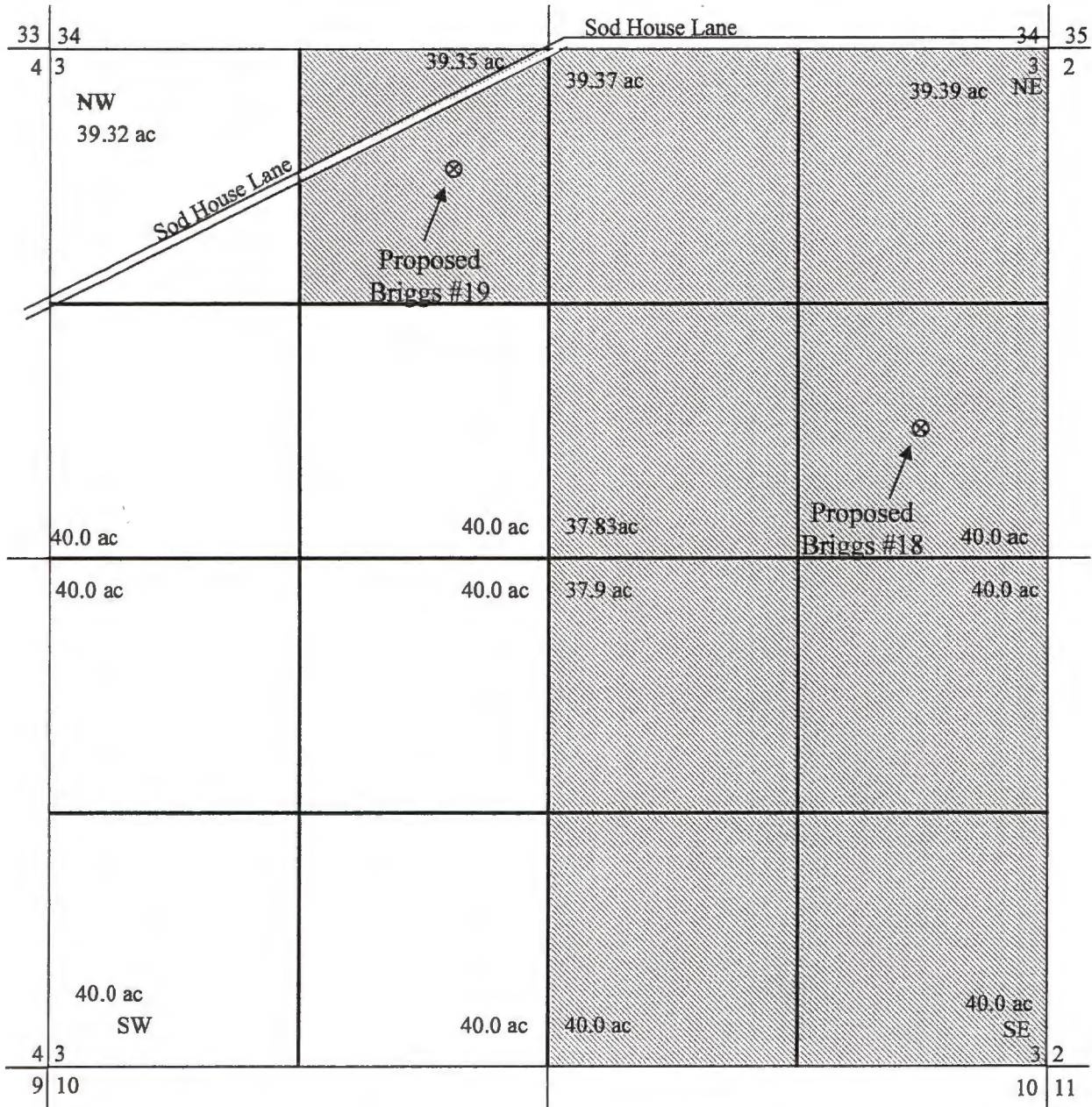
In T27S R34E W.M.
Section 19
Tax Lot 3100: 232.26 acres
1" = 880 feet

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Briggs #18

To be located 1,980 feet South and 1,980 feet West of the NE corner of Section 3

70'

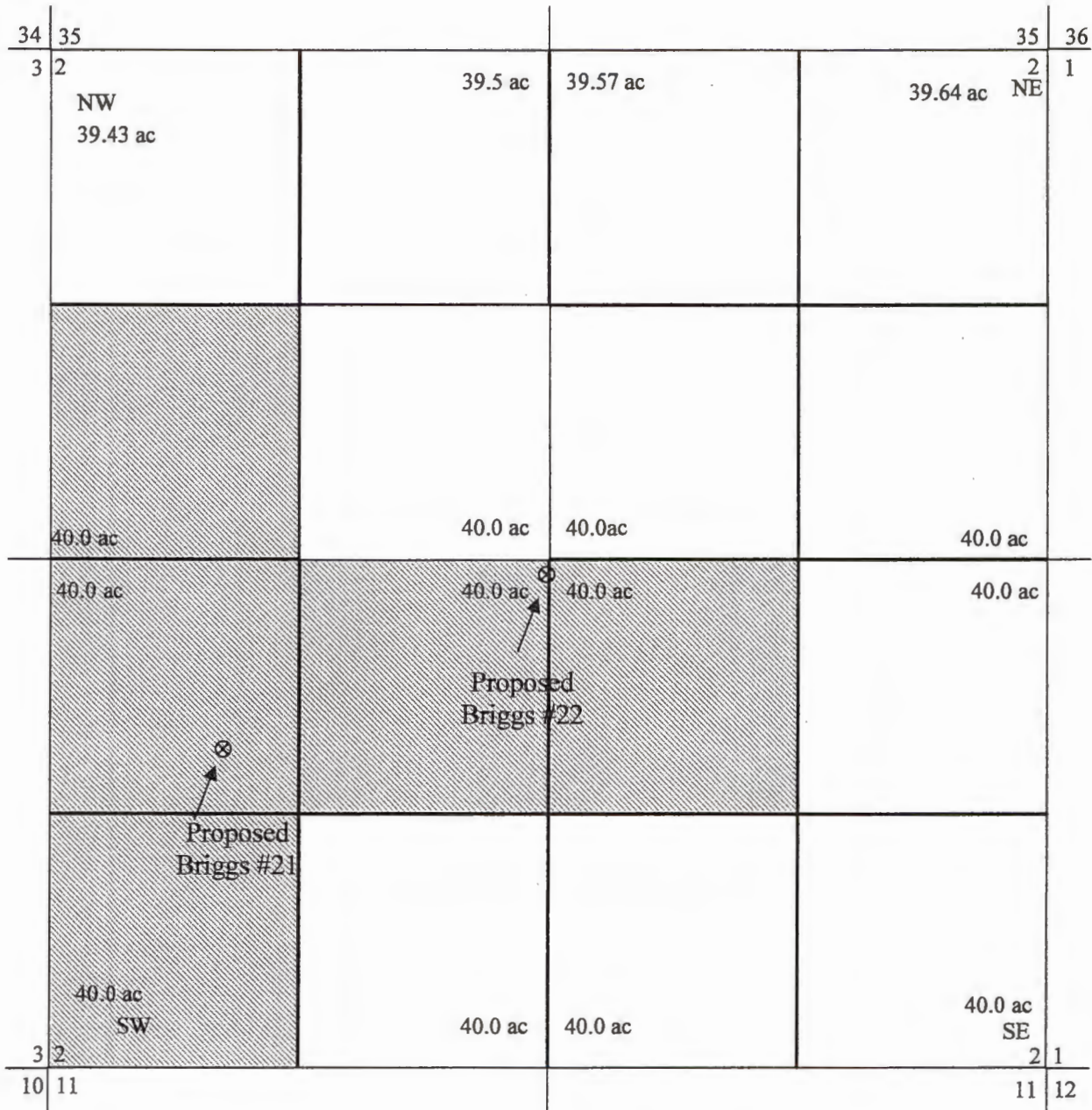
Briggs #19

To be located ^{750'} 500 feet South and 2,140 feet East of the NW corner of Section 3

In T27S R32E W.M.
 Section 3
 Tax Lot 200: 199.39 acres
 Tax Lot 300: 154.45
 1" = 880 feet

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Briggs #21

To be located ^{1650'} 1,500 feet North
 and 1,140 feet East of the SW
 corner of Section 2
 920'

Briggs #22

To be located 2,640 feet North
 and 2,640 feet East of the SW
 corner of Section 2

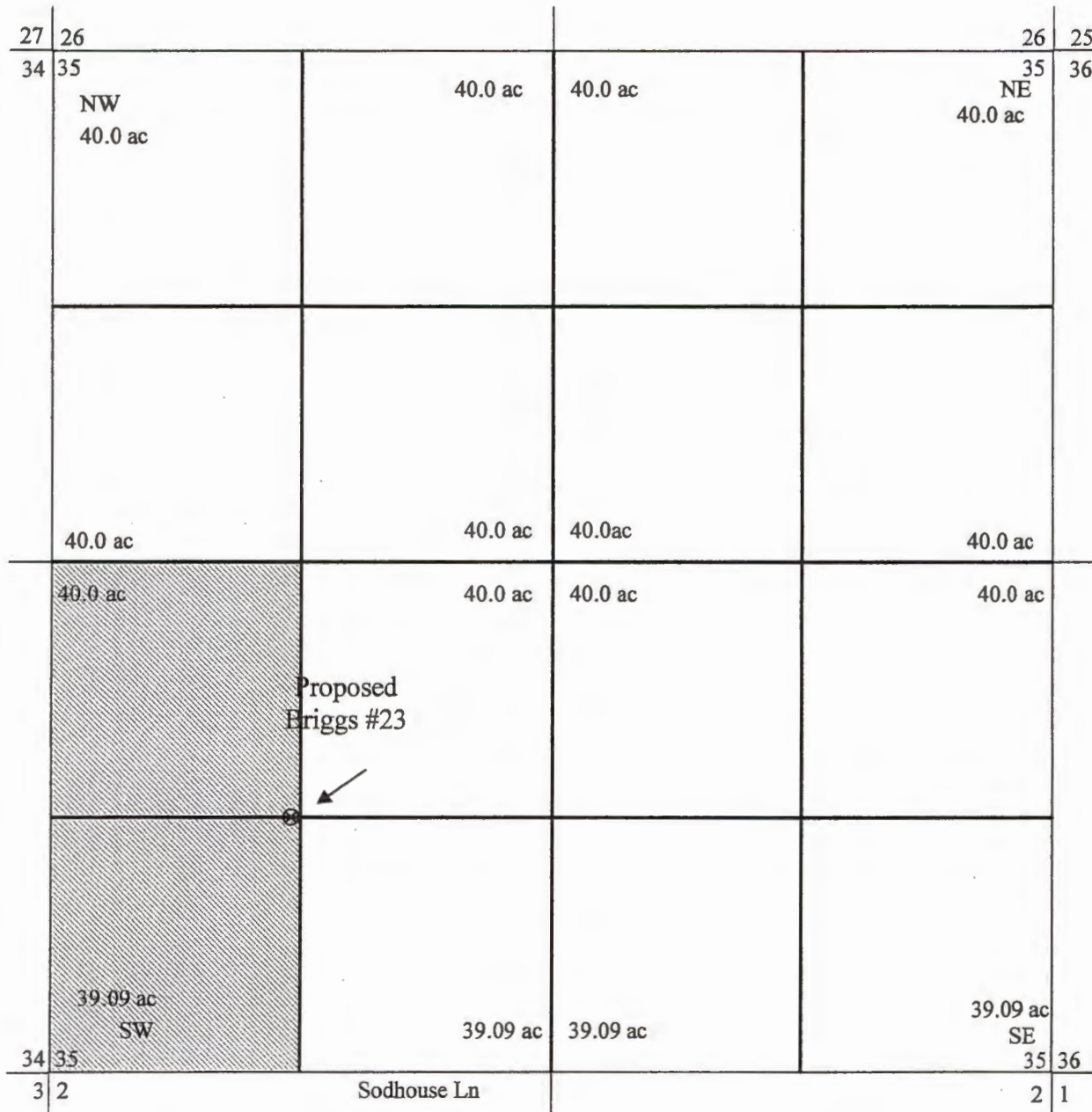
In T27S R32E W.M.
 Section 2
 Tax Lot 200: 200.0 acres
 1" = 880 feet

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Briggs #23

To be located 1,320 feet North
and 1,310 feet East of the SE
corner of Section 35 SW

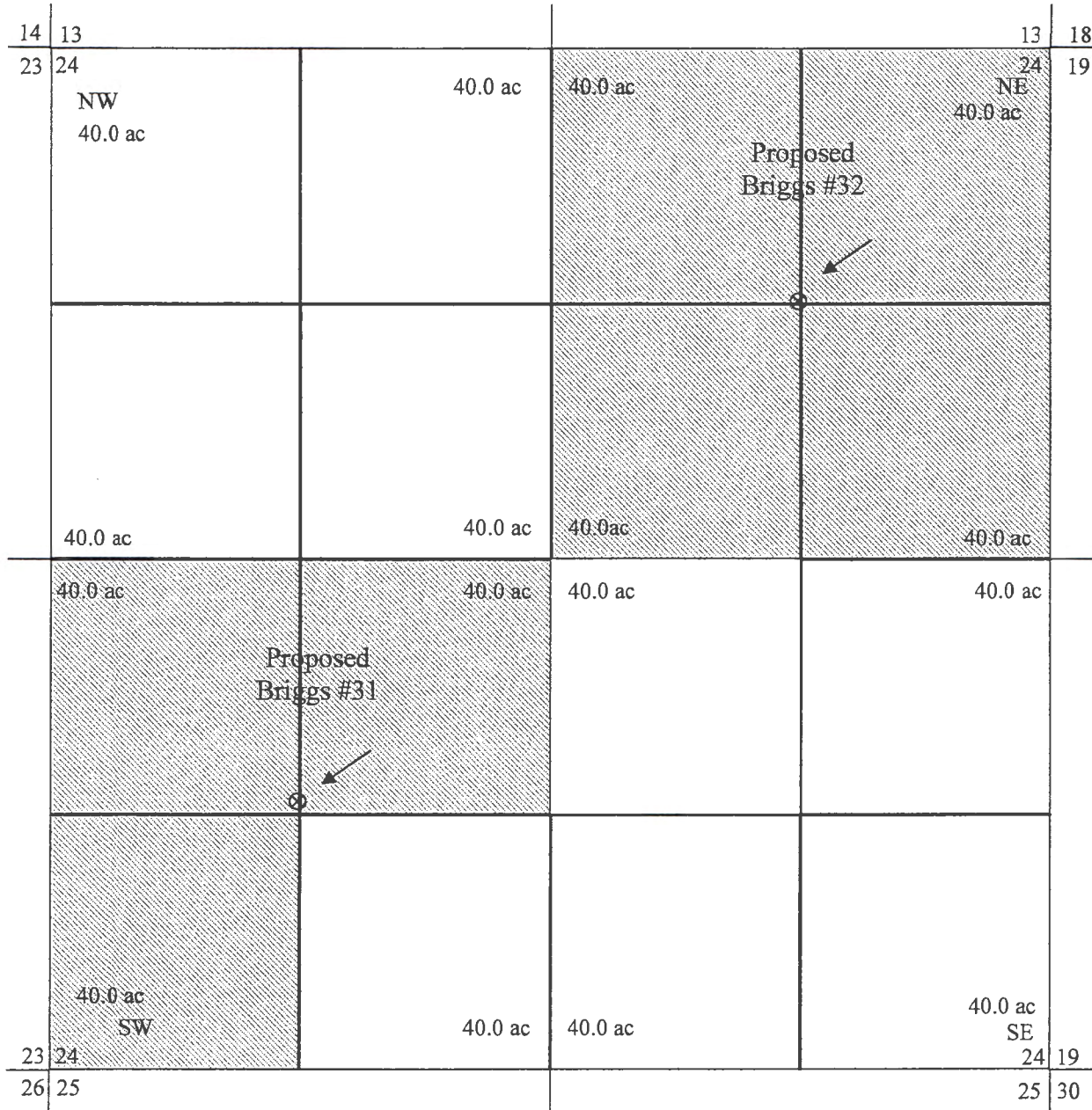
✓ In T26S R32E W.M.
Section 35
Tax Lot 1800: 79.09 acres
1" = 880 feet

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SA: FM CR



Briggs #32

To be located 1,320 feet South and 1,320 feet West of the NE corner of Section 24

Briggs #31

To be located 1,330 feet North and 1,320 feet East of the SE corner of Section 24

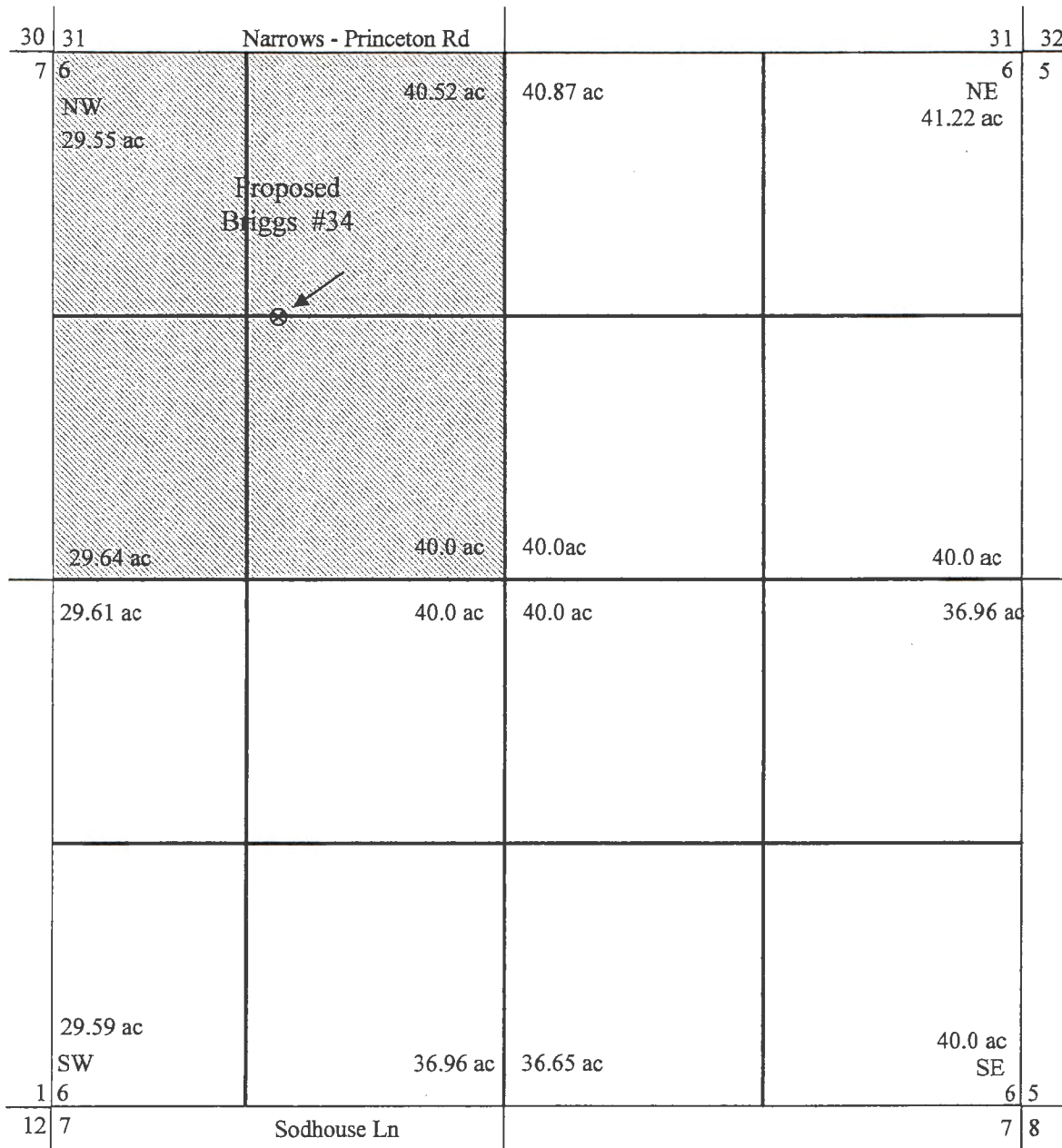
✓ In T26S R32E W.M.
 Section 24
 Tax Lot 800: 160.0 acres
 Tax Lot 300: 120.0 acres
 1" = 880 feet

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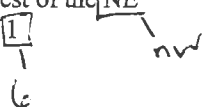
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Briggs #34

To be located 1,320 feet South
and 1,145 feet West of the NE
corner of Section 1



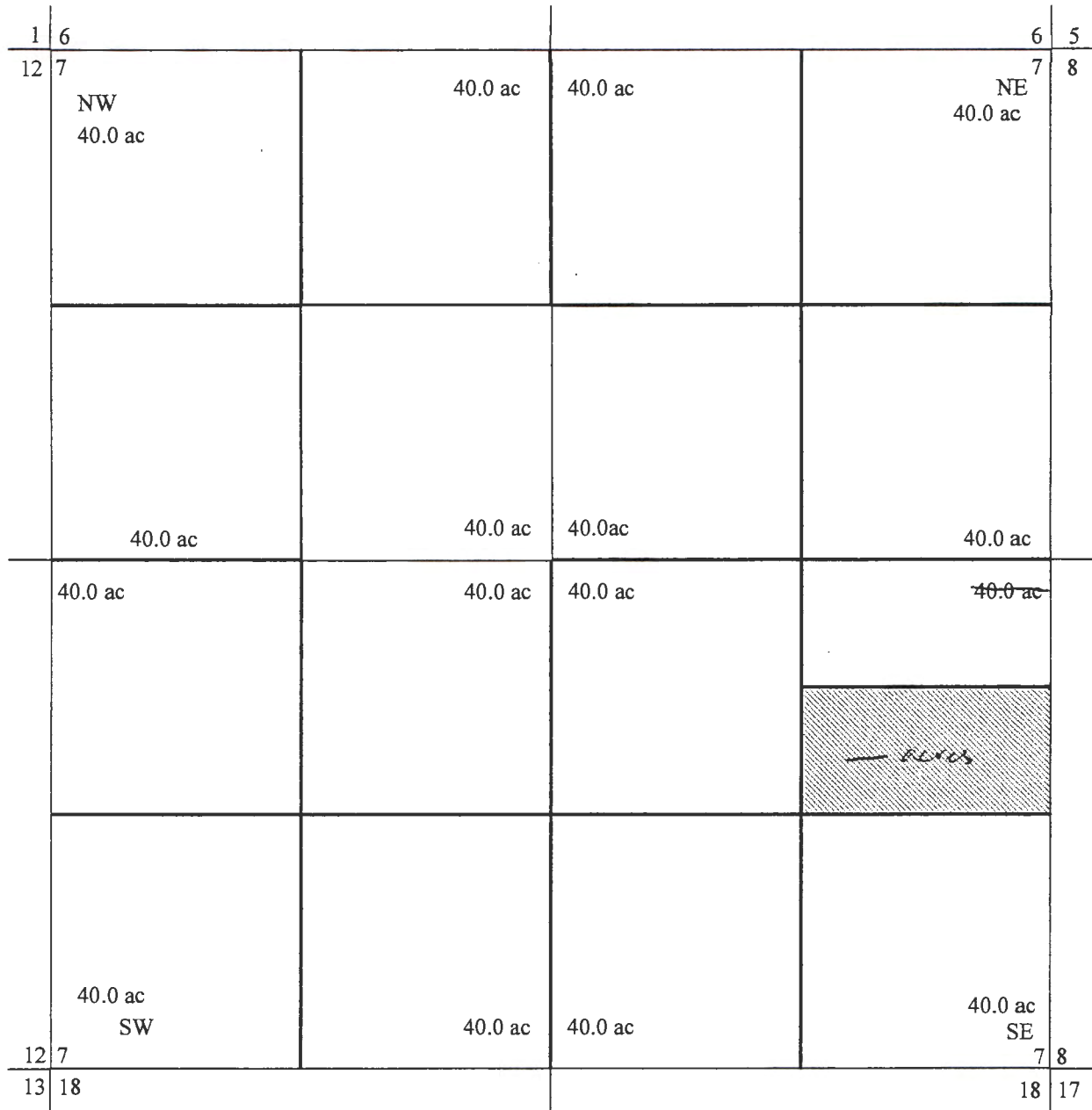
In T27S R32E W.M.
Section 6
Tax Lot 100: 70.07 acres
Tax Lot 200: 29.64 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

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In T27S R34E W.M.
 Section 07
 Tax Lot 1201: 20.0 acres

1" = 880 feet

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Application for a Permit to Use Ground Water



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME <i>Golden Rule Farms, Inc.</i>		PHONE (HM) <i>n/a</i>	
PHONE (WK) <i>541-576-2273</i>	CELL <i>541-480-9752</i>	FAX <i>541-576-2273</i>	
ADDRESS <i>PO Box 255</i>			
CITY <i>Christmas Valley</i>	STATE <i>OR</i>	ZIP <i>97641</i>	E-MAIL* <i>goldenrulefarms@gmail.com</i>

Organization Information

NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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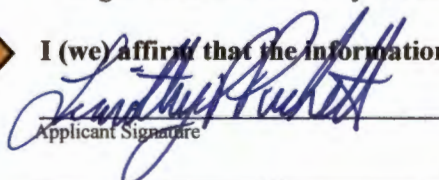
By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

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I (we) affirm that the information contained in this application is true and accurate.


Applicant Signature

Timothy Puckett - President *10-24-12*
Print Name and title if applicable Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. <i>G-17592</i>	Permit No. _____	Date _____
Revised 3/4/2010 Ground Water/3 WR		

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- Yes
 - There are no encumbrances.
 - This land is encumbered by easements, rights of way, roads or other encumbrances.
- No
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.
 - Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
 - Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

Timothy Puckett
 PO Box 255
 Christmas Valley, OR 97641

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
6	Malheur Lake		
7	Malheur Lake		
8	Malheur Lake		
9 North	Malheur Lake		
9 South	Malheur Lake		
10	Malheur Lake		
11	Malheur Lake		

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

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WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
12	Malheur Lake		
13	Malheur Lake		
14	Malheur Lake		
15	Malheur Lake		
16	Malheur Lake		
17	Malheur Lake		
18	Malheur Lake		
19	Malheur Lake		
20	Malheur Lake		
21	Malheur Lake		
22	Malheur Lake		
23	Malheur Lake		
24	Malheur Lake		
25	Malheur Lake	3,170'	8'
26	Malheur Lake	3,700'	5'
27	Malheur Lake		
28	Malheur Lake	3,520'	10'
29	Malheur Lake		
30	Malheur Lake	4,930'	7'
31	Malheur Lake	4,900'	13'
32	Malheur Lake	4,580'	8'
33	Malheur Lake	3,170'	7'
34	Malheur Lake		

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial/Volcanics

Total maximum rate requested: 1,200 gpm (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	477.87
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	234.75
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	428.73
9 North	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	733.74
9 South	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	375.12
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	120.0
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	600.0
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0

2651-D

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	360.0
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	120.0
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	360.0
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	336.78
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	883.47
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	118.05
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	1440.0
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	60.0
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	240.0
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	237.27
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	476.13
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	360.0
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	120.0
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0

257592

SALEM OR

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	360.0
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	480.0
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	356.67
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	Alluvial Volcanics		1,200	419.13

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 st – October 31 st	12,577.71

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 4,192.57 Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: _____

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____
If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

Pump (give horsepower and type): 50-150hp turbine

Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. _____

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

Low-pressure center pivots

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

I chose a low-pressure center pivot because it is the most cost-effective & manageable means to efficiently irrigate this operation.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

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Reservoir name: _____ Acreage inundated by reservoir: _____

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Use(s): _____

Volume of Reservoir (acre-feet): _____ Dam height (feet, if excavated, write "zero"): _____

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: March 2013

Date construction will be completed: May 2013

Date beneficial water use will begin: March 2018

SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

Rate of water requested is necessary for peak crop production.

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Land Use

Information Form



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Applicant: Timothy
 Golden Rule ^{First} Farms, Inc.
 Mailing Address: PO Box 255

Puckett
 Last

Christmas Valley OR 97641 Daytime Phone: 541-480-9752
 City State Zip

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. 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.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
26S	32E	23, 24 26, 34 35				<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Ag Irrigation
27S	32E	2, 3, 5, 6, 8, 9, 10, 11				<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Ag Irrigation
27S	31E	1				<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Ag/Irrig
27S	34E	6, 7, 8, 17, 18, 19 20				<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Ag Irrigation

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Harney County; Princeton, Oregon

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water Water Right Transfer Permit Amendment or Ground Water Registration Modification
 Limited Water Use License Allocation of Conserved Water Exchange of Water

Source of water: Reservoir/Pond Ground Water Surface Water (name) _____

Estimated quantity of water needed: _____ cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for _____ household(s)
 Municipal Quasi-Municipal Instream Other _____

Briefly describe:

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For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): EF24-2/3 ACO . 3020
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Brandon MEMMON Title: Harney County Planning Director
 Signature: [Signature] Phone: (541) 573-6655 Date: 10/25/12
 Government Entity: Harney County Planning Dept.

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

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Chicago Title Insurance Company

6100

POLICY NO.: OR2009-47-0020554-2012.73306-86611629

OWNER'S POLICY OF TITLE INSURANCE Issued by Chicago Title Insurance Company

Any notice of claim and any other notice or statement in writing required to be given the Company under this Policy must be given to the Company at the address shown in Section 18 of the Conditions.

COVERED RISKS

SUBJECT TO THE EXCLUSIONS FROM COVERAGE, THE EXCEPTIONS FROM COVERAGE CONTAINED IN SCHEDULE B, AND THE CONDITIONS, CHICAGO TITLE INSURANCE COMPANY, a Nebraska corporation (the "Company") insures, as of Date of Policy and, to the extent stated in Covered Risks 9 and 10, after Date of Policy, against loss or damage, not exceeding the Amount of Insurance, sustained or incurred by the Insured by reason of:

1. Title being vested other than as stated in Schedule A.
2. Any defect in or lien or encumbrance on the Title. This Covered Risk includes but is not limited to insurance against loss from
 - (a) A defect in the Title caused by
 - (i) forgery, fraud, undue influence, duress, incompetency, incapacity, or impersonation;
 - (ii) failure of any person or Entity to have authorized a transfer or conveyance;
 - (iii) a document affecting Title not properly created, executed, witnessed, sealed, acknowledged, notarized, or delivered;
 - (iv) failure to perform those acts necessary to create a document by electronic means authorized by law;
 - (v) a document executed under a falsified, expired, or otherwise invalid power of attorney;
 - (vi) a document not properly filed, recorded, or indexed in the Public Records including failure to perform those acts by electronic means authorized by law; or
 - (vii) a defective judicial or administrative proceeding.
 - (b) The lien of real estate taxes or assessments imposed on the Title by a governmental authority due or payable, but unpaid.
 - (c) Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land. The term "encroachment" includes encroachments of existing improvements located on the Land onto adjoining land, and encroachments onto the Land of existing improvements located on adjoining land.
3. Unmarketable Title.
4. No right of access to and from the Land.
5. The violation or enforcement of any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (a) the occupancy, use, or enjoyment of the Land;
 - (b) the character, dimensions, or location of any improvement erected on the Land;
 - (c) the subdivision of land; or
 - (d) environmental protection
 if a notice, describing any part of the Land, is recorded in the Public Records setting forth the violation or intention to enforce, but only to the extent of the violation or enforcement referred to in that notice.
6. An enforcement action based on the exercise of a governmental police power not covered by Covered Risk 5 if a notice of the enforcement action, describing any part of the Land, is recorded in the Public Records, but only to the extent of the enforcement referred to in that notice.
7. The exercise of the rights of eminent domain if a notice of the exercise, describing any part of the Land, is recorded in the Public Records.
8. Any taking by a governmental body that has occurred and is binding on the rights of a purchaser for value without Knowledge.
9. Title being vested other than as stated Schedule A or being defective
 - (a) as a result of the avoidance in whole or in part, or from a court order providing an alternative remedy, of a transfer of all or any part of the title to or any interest in the Land occurring prior to the transaction vesting Title as shown in Schedule A because that prior transfer constituted a fraudulent or preferential transfer under federal bankruptcy, state insolvency, or similar creditors' rights laws; or
 - (b) because the instrument of transfer vesting Title as shown in Schedule A constitutes a preferential transfer under federal bankruptcy, state insolvency, or similar creditors' rights laws by reason of the failure of its recording in the Public Records
 - (i) to be timely, or
 - (ii) to impart notice of its existence to a purchaser for value or to a judgment or lien creditor.
10. Any defect in or lien or encumbrance on the Title or other matter included in Covered Risks 1 through 9 that has been created or attached or has been filed or recorded in the Public Records subsequent to Date of Policy and prior to the recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The Company will also pay the costs, attorneys' fees, and expenses incurred in defense of any matter insured against by this Policy, but only to the extent provided in the Conditions.

IN WITNESS WHEREOF, CHICAGO TITLE INSURANCE COMPANY has caused this policy to be signed and sealed by its duly authorized officers.

Countersigned: Stan Falley
Authorized Signatory
Stan Falley

CHICAGO TITLE INSURANCE COMPANY

By:

ATTEST

President

Secretary



OCT 26 2012

SALEM, OR

OR2009 0020554
AmeriTitle
111 West Washington Street
Burns, OR 97720
Tel: (541) 573-2039
Fax: (541) 573-5844
72306 (6/06)

G-17592

SCHEDULE A

AMERITITLE
111 W. WASHINGTON
BURNS OR. 97720

File No.: 0020554-800/111
Policy No.: 73306-76611629

Amount of Insurance: \$3,400,000.00
Premium: \$5,700.00
Date of Policy: JULY 3, 2012 AT 3:30 P.M.

1. Name of Insured:

GOLDEN RULE FARMS, LLC, an Oregon corporation

2. The estate or interest in the Land that is insured by this policy is:

A FEE

3. Title is vested in:

4. The Land referred to in the Policy is described as follows:

FRED H. BRIGGS

Land in Harney County, Oregon, as follows:

In Twp. 26 S., R. 32 E., W.M.: (South of Malheur Lake)
Sec. 24: NE¼.

In Twp. 27 S., R. 32 E., W.M.:

Sec. 3: Government Lots 2 and 3, SW¼NE¼, NW¼SE¼, EXCEPTING THEREFROM road right of way over Lots 2 and 3 conveyed to Harney County, Oregon, by deed recorded August 6, 1958, in Book 65, Page 272, Deed records.

Sec. 5: S½SE¼.

Sec. 6: SW¼NE¼, E½SW¼, SE¼NW¼, Lots 6 and 7, E½SE¼, EXCEPTING THEREFROM Beginning at the Southeast corner of said Sec. 6; thence N. 00°12'58" W. along the East boundary of Sec. 6, 1371.00 feet; thence N. 89°39'50" W. 1323.69 feet to the West boundary of the E½SE¼ of Sec. 6; thence S. 00°09'59" E. along the West boundary of the E½SE¼ of Sec. 6, 1370.99 feet to the South boundary of Sec. 6; thence S. 89°39'50" E. along the South boundary of Sec. 6, 1324.88 feet, to the point of beginning.

Sec. 8: NE¼NE¼.

Sec. 9: NW¼NW¼.

Schedule B

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CHICAGO TITLE
INSURANCE COMPANY OF OREGON

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SALEM, OR

In Twp. 27 S., R. 34 E., W.M.:

Sec. 8: All that portion of the SE $\frac{1}{4}$ lying Westerly of the Anderson Valley County Road right of way.

FRED H. BRIGGS, as to an undivided one-half interest and FRED H. BRIGGS and DONNA M. NICHOLL, Co-Trustees of the Betty R. Briggs Testamentary Trust U/T/D 1/18/08, as to an undivided one-half interest

Land in Harney County, Oregon, as follows:

In Twp. 26 S., R. 32 E., W.M.: (South of Lake)

Sec. 14: SE $\frac{1}{4}$ SE $\frac{1}{4}$.

Sec. 23: Lots 1, 2, 3, 5, 6 and 8, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$.

Sec. 24: N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$.

Sec. 26: NE $\frac{1}{4}$, SW $\frac{1}{4}$.

Sec. 27: Lot 4.

Sec. 31: Lots 1, 2, 3, 4, 10, 11, 12 and 13, SAVE & EXCEPT road right of way.

Sec. 32: Lots 1, known as Lot 8, and 2, SAVE & EXCEPT road right of way.

Sec. 33: Lots 1, 2, 3, 4, 5, 7, 8, 11 and 13, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$.

Sec. 34: Lots 1, 2, 3 and 4, E $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$. EXCEPTING THEREFROM county road right of way as reserved in deed recorded February 20, 1947, in Book 45, Page 280, Deed Records.

Sec. 35: W $\frac{1}{2}$ SW $\frac{1}{4}$, EXCEPTING THEREFROM county road right of way as reserved in deed recorded February 20, 1947, in Book 45, Page 280, Deed Records.

In Twp. 27 S., R. 31 E., W.M.:

Sec. 1: Beginning at the Southeast corner of the SE $\frac{1}{4}$ NE $\frac{1}{4}$; thence North 208 feet; thence West 208 feet; thence South 208 feet; thence East 208 feet to the point of beginning.

Lots 1 and 2, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SAVE & EXCEPT road right of way.

In Twp. 27 S., R. 32 E., W.M.:

Sec. 2: SW $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$.

Sec. 3: Lot 1, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$.

Sec. 4: Lots 2, 3, 4, 5, 6, 7 and 8, S $\frac{1}{2}$ NW $\frac{1}{4}$, SAVE & EXCEPT that portion conveyed to Harney County, Oregon, by deed recorded August 6, 1958, in Book 65, Page 274, Deed Records.

Sec. 5: Lots 1, 3, 4, 5, 9 and 10, SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, SAVE & EXCEPT that portion conveyed to Harney County, Oregon, by deed recorded August 6, 1958, in Book 65, Page 274, Deed Records.

Sec. 6: Lots 1, 2, 3, 4 and 5, SAVE & EXCEPT that portion conveyed to Harney County, Oregon, by deed recorded August 6, 1958, in Book 65, Page 274, Deed Records.

Sec. 10: NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$.

Sec. 11: W $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$.

In Twp. 27 S., R. 34 E., W.M.:

Sec. 6: Lots 1, 2, 6 and 7, E $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, EXCEPTING THEREFROM highway right of way, as disclosed by Abandonment Resolution No. 263 of the Transportation Commission, recorded December 2, 1975, in Book 99, Page 602, Deed Records.

Sec. 7: S $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$.

Sec. 8: SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, EXCEPTING THEREFROM highway right of way, as disclosed by Abandonment Resolution No. 263 of the Transportation Commission, recorded December 2, 1975, in Book 99, Page 602, Deed Records. ALSO EXCEPTING THEREFROM a portion of the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and the N $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Sec. 8, described as follows; Beginning at the Northwest corner of the

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SW $\frac{1}{4}$ NW $\frac{1}{4}$ of said Sec. 8; thence East along the North line of said SW $\frac{1}{4}$ NW $\frac{1}{4}$ a distance of 775.0 feet; thence South along a line parallel to the West boundary of said SW $\frac{1}{4}$ NW $\frac{1}{4}$ a distance of 1320 feet, more or less, to the South line of said SW $\frac{1}{4}$ NW $\frac{1}{4}$; thence Southwesterly to the Southwest corner of the N $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Sec. 8; thence North along the West line of said Sec. 8 to the point of beginning. ALSO EXCEPTING THEREFROM all that portion of the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 8, lying East of the Anderson Valley Road No. 402, as said county road is now located, and lying South of the following described line extended; Beginning at the Southeast corner of Sec. 9 of said Twp.; thence Northwesterly on a straight line to a point that is 756 feet South of the Northwest corner of the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of said Sec. 8; thence continuing Northwesterly on the same line to its intersection with the East boundary of the Anderson Valley County Road right of way.

Sec. 17: All that portion of the NE $\frac{1}{4}$ and the NE $\frac{1}{4}$ SE $\frac{1}{4}$ lying Westerly of the Anderson Valley County Road right of way, SW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$.

Sec. 18: SE $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$.

Sec. 19: Lot 2, N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$.

Sec. 20: S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$.

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GLENDER'S HYDRO TECH SERVICES

8664 SW Sand Ridge Rd, Crooked River Ranch, Oregon 97760

Telephone (541) 219-0806

E-mail – djglender@msn.com

MEMO

January 9, 2014

TO: Oregon Water Resources Dept
Attn: Jeana Eastman - caseworker

FM: Dennis R. Glender - Agent



Subject: Amended Water Right Application G-17592, Golden Rule Farms, INC (GRF)

Jeana,

Please find enclosed, amended pages 5 & 6 documents, amended maps and supporting documents for Water Right Application G-17592.

I will attempt to outline the amended changes for pages 5 & 6. GRF and I have conducted some research in regards to Permit G-12292, G-12938 and Certificate 32394 (23294 in your letter of March 8, 2013). What we discovered is that all wells associated with these water rights develop water from cinders below a significant basalt layer. Therefore, we have amended the application for wells 18 through 34 believing water would not be developed from an alluvial formation. Water being developed from this basalt formation should not interfere with nearby surface waters. All of the new wells to be constructed will be sealed at least 5' in the overlaying basalt formation. Supporting well logs are included in this package.

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GRF App G-17592 Memo pg 2

**In reference to Permit G-12292, G-12938 and Certificate 32394
Conflict resolution outlined in your letter of March 8, 2013, I have
amended the application as follows:**

**Since these water rights already have a 1/80th appropriation rate,
GRF is requesting only that amount of “Q” required to bring these
rights to a 1/60th appropriation rate. Since these rights also have a
full duty of 3.0 acft/acre/season allotted to them, no additional duty
has been requested. Being:**

Certificate - 32394 – 0.32 cfs

Permit G - 12262 – 0.54 cfs

Permit G – 12938 – 0.46 cfs

**We have repaired the Coordinates for Briggs 17, 18, 20, 33 and 34.
We have also update certain maps to include Lot #. These maps are
attached.**

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
6	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,194	447.87
7	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		583	234.75
8	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,068	428.73
9 North	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,678	673.56
9 South	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,000	400.47
10	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		300	120
11	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1495	600
12	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,198	480

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
13	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		898	360
14	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		300	120
15	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		597	240
16	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		1,495	600
17	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Alluvial Volcanics</u>		839	336.78
18	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,162	662.79
19	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		835	354.33
20		X	HARN 1471	<input type="checkbox"/>	16"	n/a	none	0-18'	40'	<u>Basalt</u>	100'	2,217	756.3

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*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

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										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
21	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		835	335.1
22	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		597	240
23	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		592	237.27
24	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,184	476.13
25	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
26	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		898	360
27	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		300	120
28	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Alluvial Volcanics/Basalt

Total maximum rate requested: _____ (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

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										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
29	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
30	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
31	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		898	360
32	X	<input type="checkbox"/>		<input type="checkbox"/>	16"	n/a	n/a	0-18'	n/a	<u>Basalt</u>		1,198	480
33		X	HARN 1461	<input type="checkbox"/>	12"	n/a	none	0-18'	13.99'	<u>Basalt</u>	118'	147	0
34		X	HARN 1460	<input type="checkbox"/>	20"	n/a	none	0-18'	12'	<u>Basalt</u>	35'	727	208.92

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 ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 st -October 31 st	11,553

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 4,177.63 Acres Supplemental: Acres

List the Permit or Certificate number of the underlying primary water right(s):

Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households:
If the use is **mining**, describe what is being mined and the method(s) of extraction:

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

x Pump (give horsepower and type): 50-150 turbine

Other means (describe):

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

Low pressure sprinkle center pivots

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

I chose a low pressure center pivot because it is the most cost effective and manageable means to efficiently irrigate this operation.

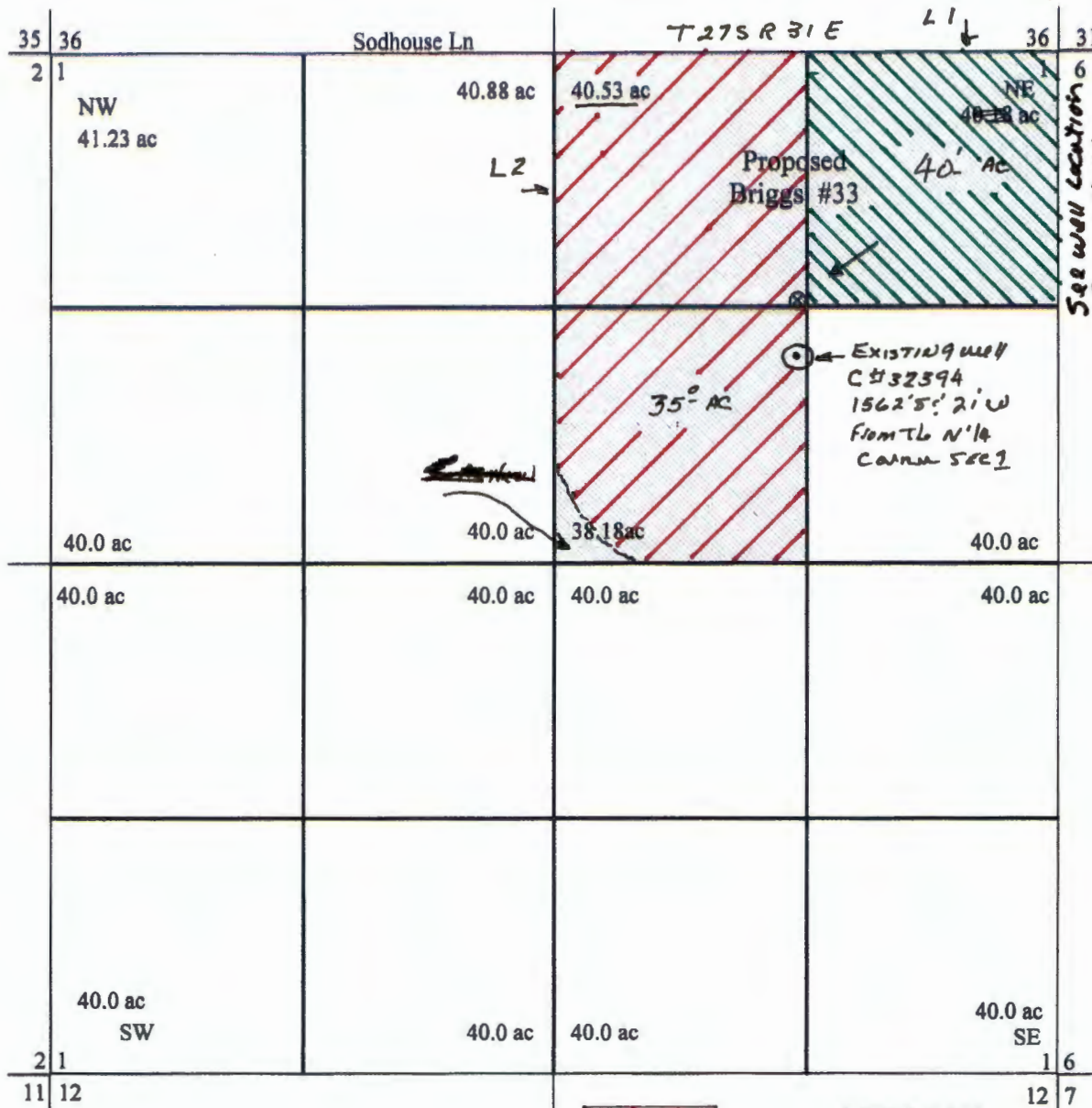
SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: Acreage inundated by reservoir:

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*Superseded
by 2/18/14
map for
harm 1461*



Briggs #33

To be located 1,320 feet South
and 1,320 feet West of the NE
corner of Section 1 *DK*

C# 32394

P.G. 12938

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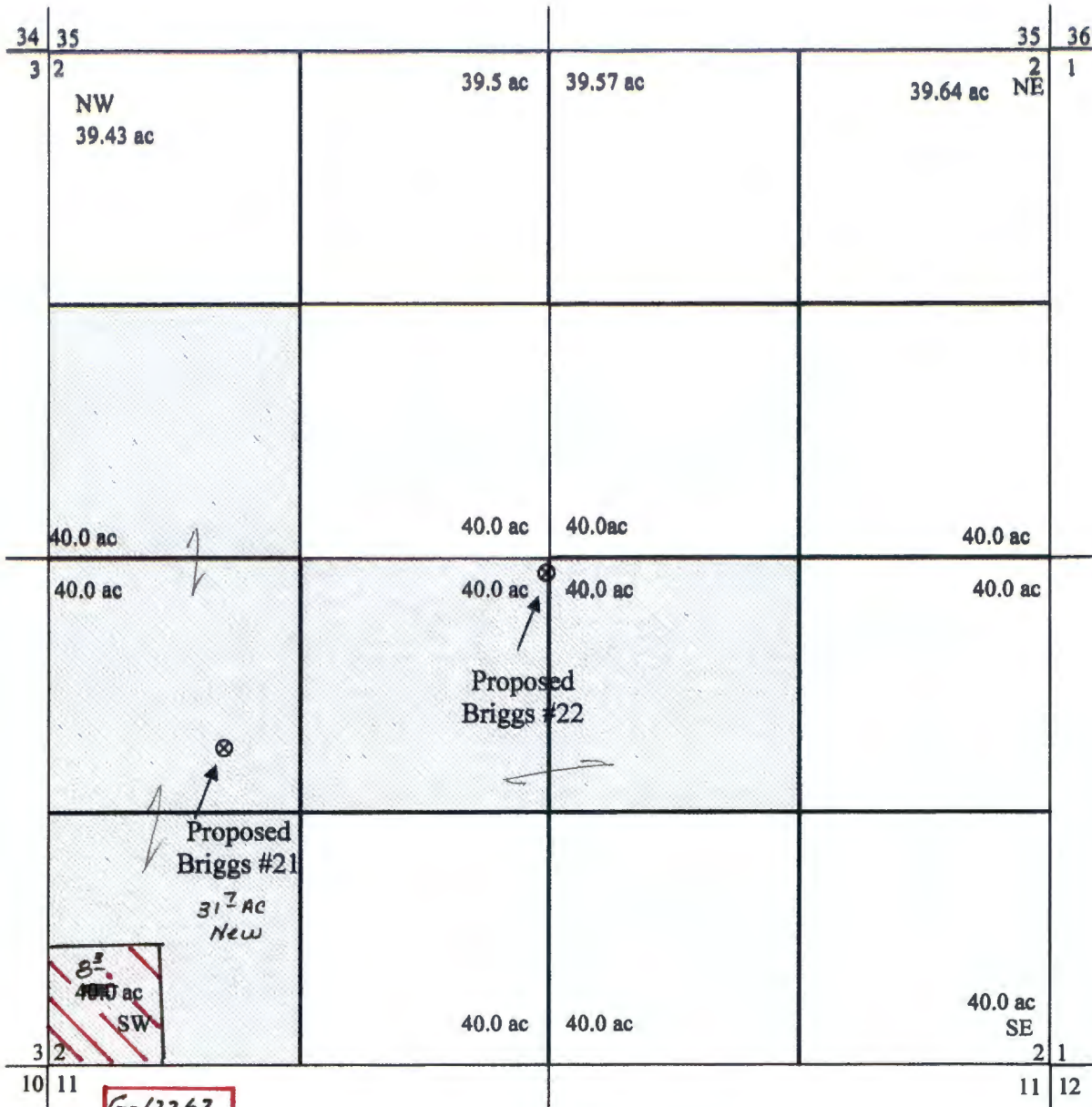
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✓ In T27S R31E W.M.
Section 1
Tax Lot 300: 118.89 acres
1" = 880 feet

G-17592



G-12262

Briggs #21

To be located 1,650 feet North
and 920 feet East of the SW
corner of Section 2

Briggs #22

To be located 2,640 feet North
and 2,640 feet East of the SW
corner of Section 2

In T27S R32E W.M.
Section 2
Tax Lot 200: 200.0 acres
1" = 880 feet

G-17592

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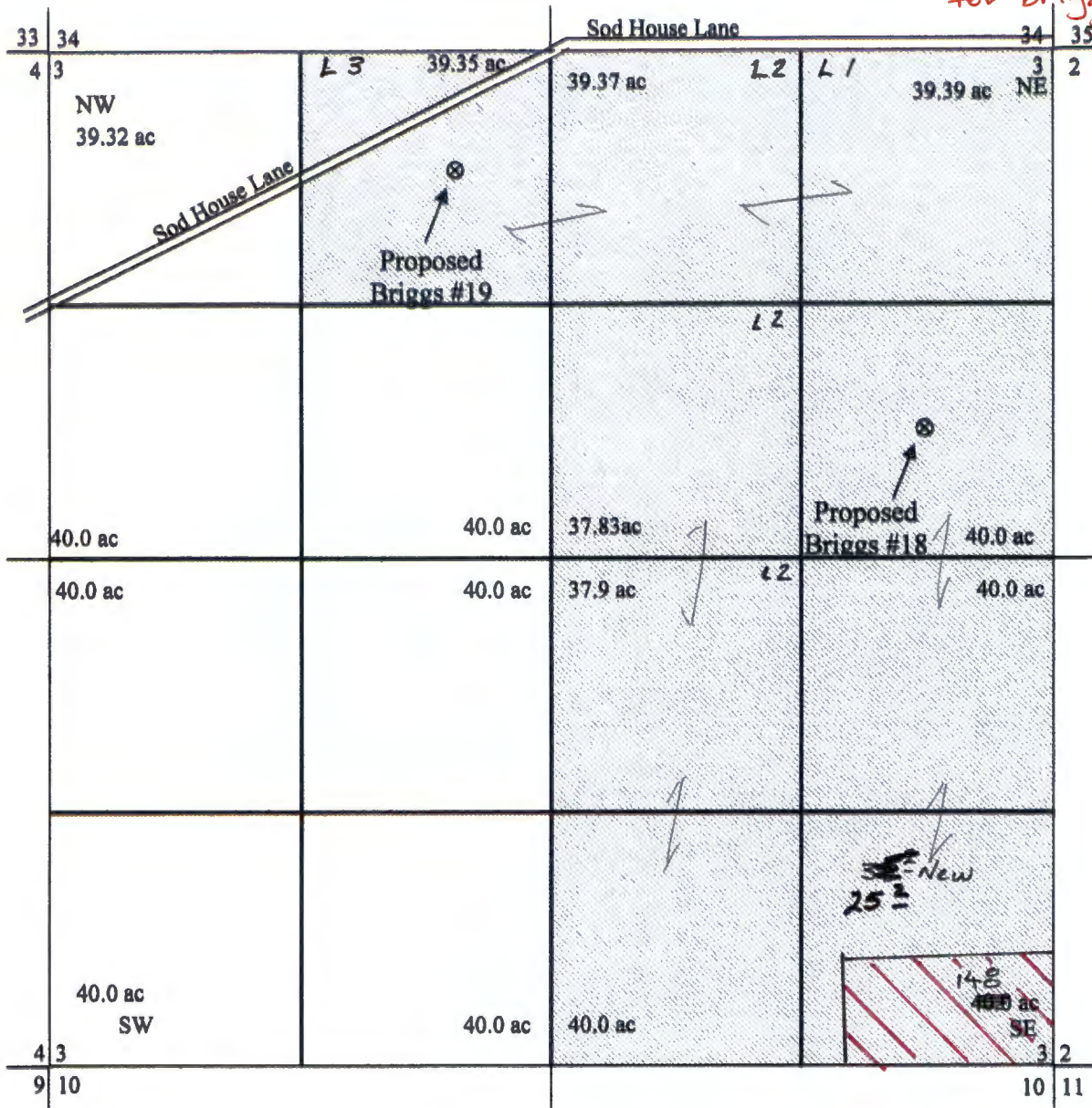
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Superseded by
2/4/14 map
for briggs 18



Briggs #18

To be located 1,980 feet South
and 70 feet West of the NE
corner of Section 3

Briggs #19

To be located 750 feet South
and 2,140 feet East of the NW
corner of Section 3

G-12262

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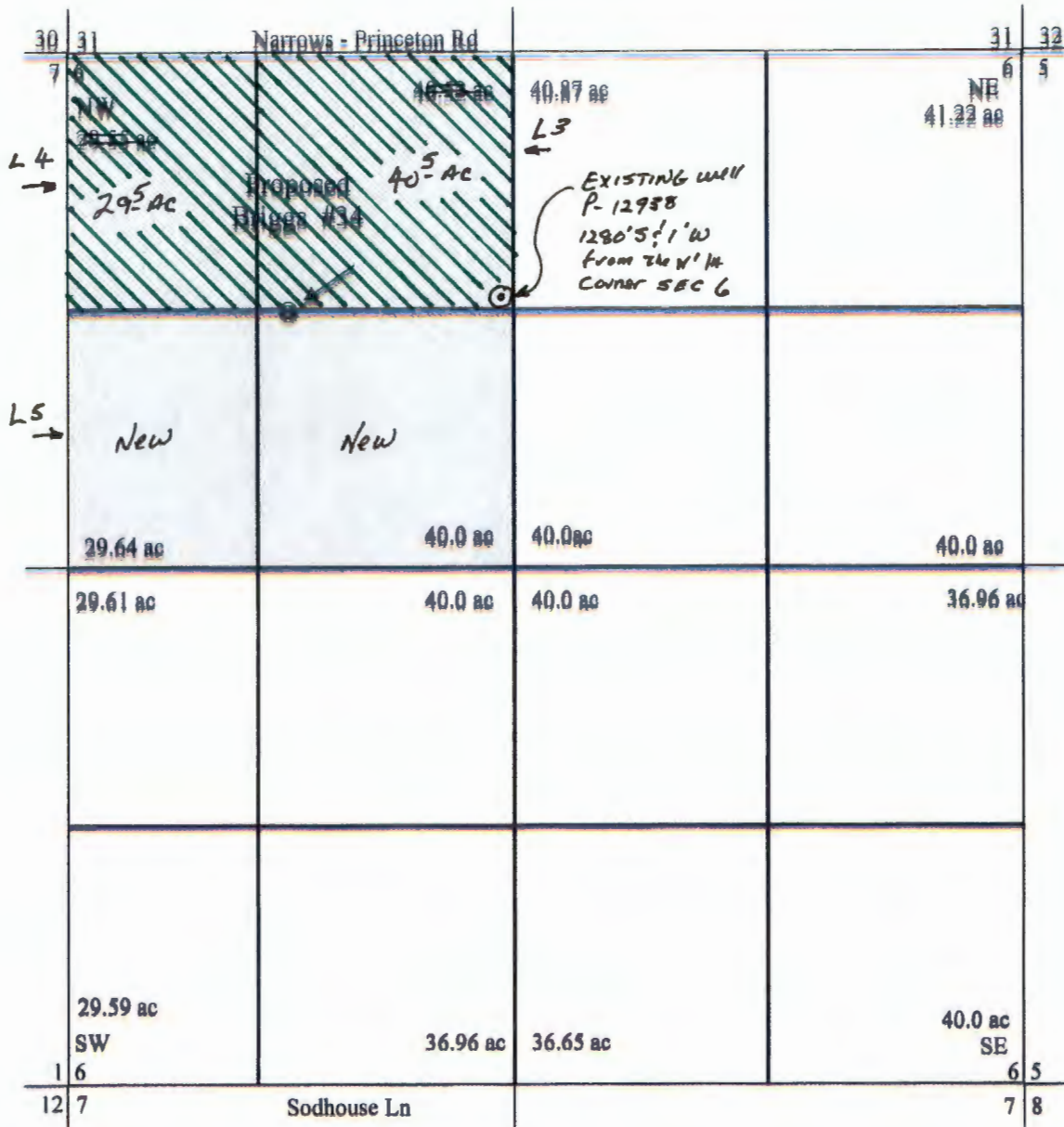
In T27S R32E W.M.
Section 3
Tax Lot 200: 199.39 acres
Tax Lot 300: 154.45
1" = 880 feet

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G-17592



Briggs #34

P.S-12938

To be located 1,320 feet South
and 1,145 feet West of the
NW corner of Section 6

DRG

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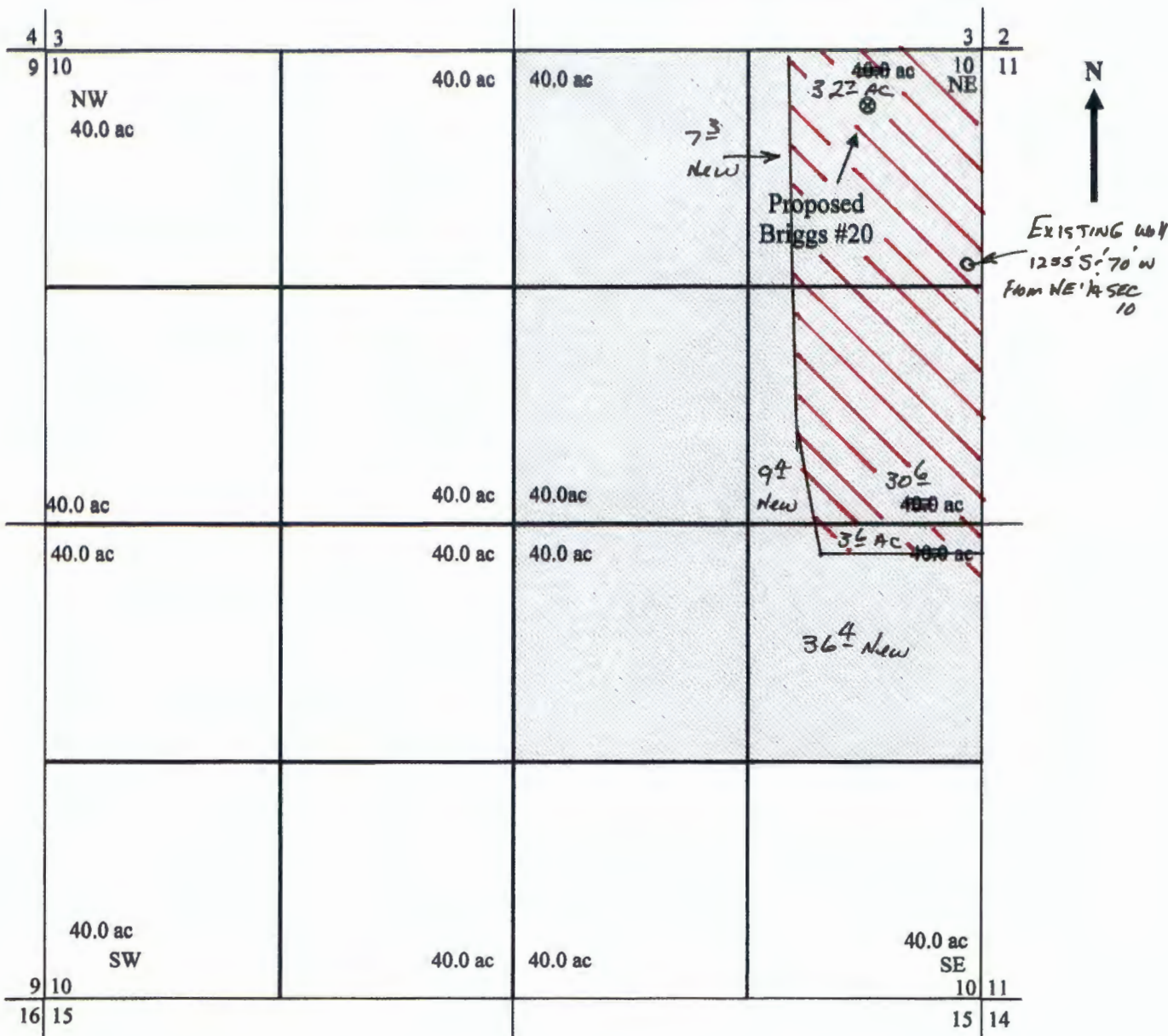
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In T27S R32E W.M.
Section 6
Tax Lot 100: 70.07 acres
Tax Lot 200: 29.64 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

G-17592



Briggs #20

G-12262

To be located 290 feet South and 660 feet West of the NE corner of Section 10 *DRG*

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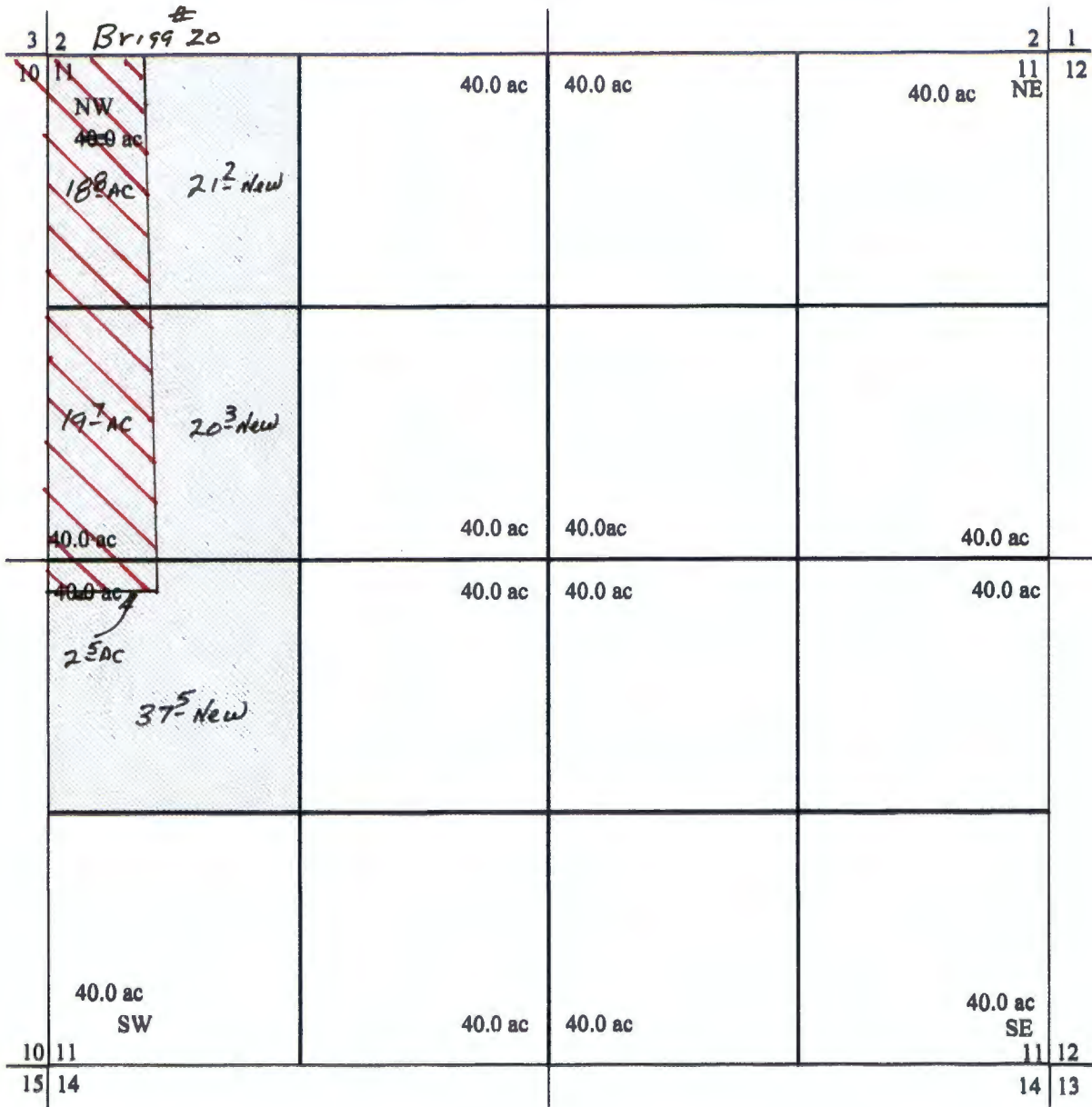
In T27S R32E W.M.
Section 10
Tax Lot 200: 240.0 acres
1" = 880 feet

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G-12262

In T27S R32E W.M.
 Section 11
 Tax Lot 200: 120.0 acres
 1" = 880 feet

G-17592

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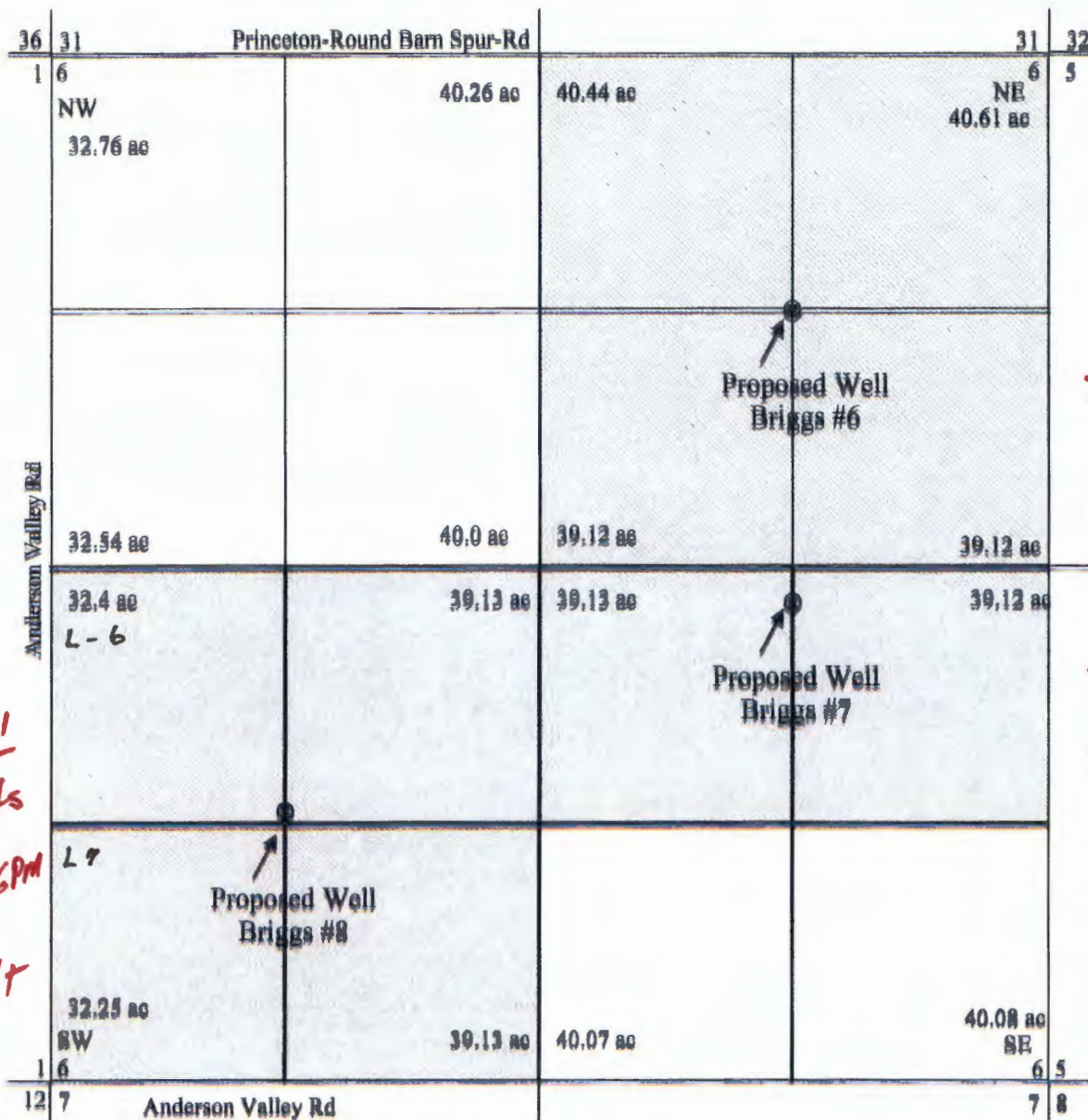
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N ↑

159²⁹
266 cfs
1194 GPM
477⁸⁷ Act

78²⁵
130 cfs
583 GPM
234⁷⁵ Act

142⁹¹
238 cfs
1068 GPM
428⁷³ Act

Briggs #6	Briggs #7	Briggs #8
To be located 1,320 feet South and 1,315 feet West of the NE corner of Section 6	To be located 2,790 feet South and 1,315 feet West of the NE corner of Section 6	To be located 1,320 feet North and 1,315 feet East of the SW corner of Section 6

In T27S R34E W.M.
Section 6: SW1/4 + NE1/4 + N1/2 SE1/4
Tax Lot 700: 380.45 acres
1" = 880 feet

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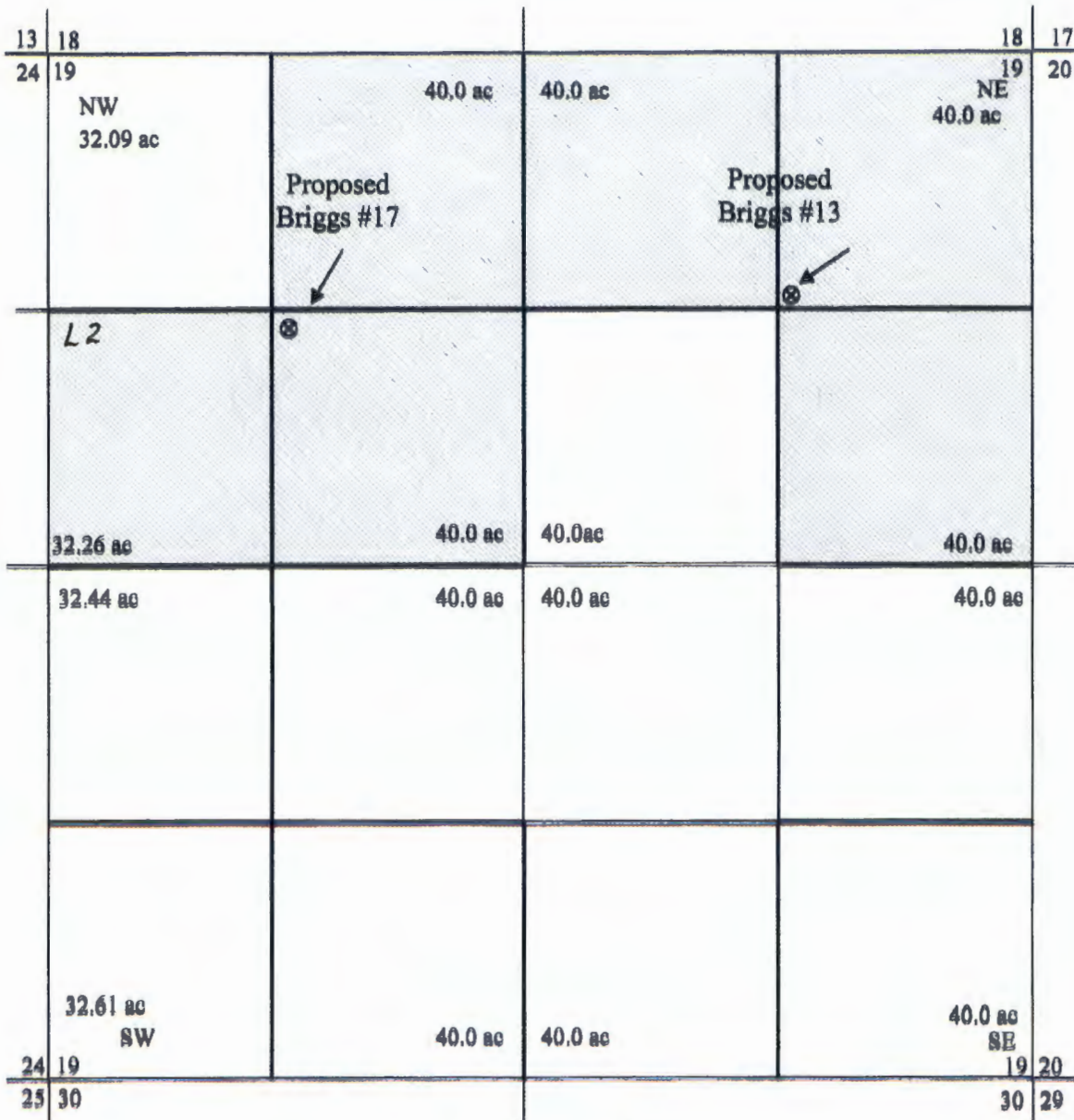
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Briggs #13

To be located 1,310 feet South and 1,310 feet West of the NE corner of Section 19

Briggs #17

To be located ~~1,400~~^{1,400} feet East and 1,400 feet South of the NW corner of Section 19

In T27S R34E W.M.
 Section 19
 Tax Lot 3100: 232.26 acres
 1" = 880 feet

G-17592

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

RECEIVED WATER WELL REPORT

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

STATE OF OREGON
(Please type or print)

JUL 26 1977

(Do not write above this line)

State Well No. 275/346-1600

State Permit No. _____

WATER RESOURCES DEPT.

SALEM, OREGON

(10) LOCATION OF WELL:

County HARNEY Driller's well number W
NE ¼ NE ¼ Section 16 T. 275 R. 34E W.M.
Bearing and distance from section or subdivision corner
15' 50. + 100' W. N.E. Corner of
SEC. 16

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft.
Static level 20 ft. below land surface. Date 6-16-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8 3/4
Depth drilled 200 ft. Depth of completed well 200 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
<u>BRN SANDY SOIL</u>	<u>0</u>	<u>1</u>	
<u>TAN CLAY</u>	<u>1</u>	<u>6</u>	
<u>BRN CLAY</u>	<u>6</u>	<u>20</u>	
<u>GREEN CLAY GRANULAR W/B</u>	<u>20</u>	<u>23</u>	<u>20</u>
<u>BRN CLAY</u>	<u>23</u>	<u>26</u>	
<u>GREEN CLAY GRANULAR W/B</u>	<u>26</u>	<u>61</u>	
<u>BLK CLAY W/B</u>	<u>61</u>	<u>92</u>	
<u>GREEN CLAY W/B</u>	<u>92</u>	<u>96</u>	
<u>DARK GN CLAY & BLK SANDY W/B</u>	<u>96</u>	<u>116</u>	
<u>" " " CONGL. W/B</u>	<u>116</u>	<u>138</u>	
<u>" " CLAY W/B</u>	<u>138</u>	<u>143</u>	
<u>" " " SOFT. W/B</u>	<u>143</u>	<u>164</u>	
<u>GRN CLAY GRANULAR W/B</u>	<u>164</u>	<u>200</u>	

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Work started 6-23-77 Completed 6-16 1977

Date well drilling machine moved off of well 6-17 1977

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] W.D. Williams Date 6-30 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 864

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 J.H. Drilling Contractor
(Person, firm or corporation) (Type or print)

Address 5381 Highland Boulevard

[Signed] Joseph Hall
(Water Well Contractor)

Contractor's License No. 488 Date 7/26 1977

(1) OWNER:

Name FRED BRIGGS
Address P.O. Box 582
LAKEVIEW OR. 97639

(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 1 1/2 ft. to -100 ft. Gage 12-2
" 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.

(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.
_____: _____ " " " " " " "
Art test 900 gal./min. with 60 ft. drawdown after 2 hrs.
Artesian flow _____ g.p.m.
Temperature of water 50 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used PORTLAND CEMENT 1-2
Well sealed from land surface to -20 ft.
Diameter of well bore to bottom of seal 13-2 in.
Diameter of well bore below seal 13-4 in.
Number of sacks of cement used in well seal 12 sacks
How was cement grout placed? GRAVITY FLOW
PACKED WEDGE TO CASING AT -20'
SEALED TO 20'
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.

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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

DEC 14 1987

1369
Harney

265/32E-10ad

(1) OWNER:

Name Fred Briggs
Address Box 582
City Lakeview State Oregon Zip

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Normal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 50 ft.
Explosives used Type Amount

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	18	cement	0	18	10 sacks
12"	18	50				

How was seal placed: Method A B C D E
 Other

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12"	+1	40	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 40'

(7) PERFORATIONS/SCREENS:

Perforations Method Factory cut
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
20'	40'	1/8x3/8	456	12"	12"	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
500	0	50	1 hr.

Temperature of water 54 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Harney Latitude _____ Longitude _____
Township 26 S N or S, Range 32 E. E or W, WM.
Section 10 SE 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) APPROX. 35 miles SE of Burns, 1 mile N of Sod-house-Princeton rd.

(10) STATIC WATER LEVEL:

10 ft. below land surface. Date 11-6-87
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 25'

From	To	Estimated Flow Rate	SWL
25'	50'	500 gpm	10'

(12) WELL LOG:

Ground elevation 1100

Material	From	To	SWL
Soil	0	7	0
Rock, hard black	7	25	0
Rock, broken, W.R.	25	40	10
Cinders, red & black	40	50	10

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SALEM, OR

Date started 11-2-87 Completed 11-6-87

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1251
Signed Harold Woodruff Date 12-1-87

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

NOV 01 2001

WATER RESOURCES DEPT.

Harn
50707

WELL ID. # L 151722
START CARD # 130112

Instructions for completing this report are on the back of this form.

(1) LAND OWNER
Name Malheur National Wildlife Refuge
Address IC 72 Box 245
City Princeton State OR Zip 97721

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 26S N or S Range 32E E or W. WM.
Section 35 SW 1/4 SE 1/4
Tax Lot 100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Sod House Lane

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(10) STATIC WATER LEVEL:
88 ft. below land surface. Date 9-5-01
Artesian pressure _____ lb. per square inch Date _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other public

(11) WATER BEARING ZONES:
Depth at which water was first found 88

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 111 ft.
Explosives used Yes No Type _____ Amount _____

From	To	Estimated Flow Rate	SWL
88	107	100	88

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To	From To	To
12	0 30	Bentonite	0 30	50	
8	30 111				

How was seal placed: Method A B C D E
 Other poured dry and tamped
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(12) WELL LOG:
Ground Elevation _____

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 8 +2 111 250
Liner: _____
Drive Shoe used Inside Outside None
Final location of shoe(s) _____

Material	From	To	SWL
topsoil clay loam/			
cobbles	0	2	
clay yellow	2	5	
cinders multicolor			
/cobbles	5	25	
rock basalt blk	25	70	
clay/claystone yellow	70	86	
cinders blk	86	92	88
rock, basalt blk broken	92	100	88
cinders blk&brn	100	107	88
clay yellow claystone	107	111	88

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type continuous Material stainless
Slot size _____
From To Slot Number Diameter Casing Liner
00 108 020 8

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WATER RESOURCES DEPT
SALEM, OREGON

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Artesian
Yield gal/min Drawdown Drill stem at Time
50 0 100 3 hr.

Date started 8-21-01 Completed 9-5-01

Temperature of water 55 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom Coffey Labs
Did any strata contain water not suitable for intended use? No Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WVC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WVC Number 1424
Signed Timothy K. Riley Date 9-10-01

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. # L 57437
 START CARD # 149472

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
 Name Bouyer - Peck Ranch LLC
 Address PM # 182, 1701 Broadway
 City Vancouver State WA Zip 99683

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 160 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
36"	0	20'	Cement	0	20'	4 yards
24"	21	160'				

How was seal placed: Method A B C D E
 Other Portland

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from 0 ft. to 115 ft. Size of gravel 1/2" max

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 24"	+1	20	150	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 16"	+1	114	150	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
75'	105'	50		16"	16"	<input type="checkbox"/>	<input type="checkbox"/>
Stainless Steel							
Screens from 75' 105'							

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Bailer	Air	Flowing Artesian
Drawdown	Drill stem at	Time	
1020	15'	30'	6

Temperature of water 54° Depth Artesian Flow Found _____
 Was a water analysis done? No Yes By whom _____
 Did any strata contain water not suitable for intended use? No Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: 30'

(9) LOCATION OF WELL by legal description:
 County Harris Latitude _____ Longitude _____
 Township 16 N or S Range 32 E or W. WM.
 Section 35 SW 1/4 SE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) 1/2 mile west of old perimeter on Diamond Rd.

(10) STATIC WATER LEVEL:
15 ft. below land surface. Date 12-28-04
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 16'

From	To	Estimated Flow Rate	SWL
77'	16'	20 GPM	15'
	105'	1020 GPM	15'

(12) WELL LOG:
 Ground Elevation 4000'

Material	From	To	SWL
Top Soil	0	3	
Brown Clay	3	22	
Gray Clay	22	77	15'
Sand Star & Clay	77	105	15'
Brown Clay & Shale	105	145	15'
Gray Clay	145	160	

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JAN 31 2005

WATER RESOURCES DEPT
SALEM, OREGON

JAN 13 2014
SALEM, OR

Date started 9-19-04 Completed 12-28-04

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 Signed _____ WWC Number 1363
 Date 1-25-05

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 Signed Kenneth C Smith WWC Number 1752
 Date 1-25-05

10

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

Harn
2000

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AUG - 9 1993

26s/33E/30ak

WATER RESOURCES DEPT (START CARD) # 49111

SALEM, OREGON

(1) OWNER: Well Number _____
Name Jack Fitch
Address HC 73 752 Buchanan RD
City Burns State OR Zip 97720

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 80 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16	0	18	cement	0	18	14 sacks
12	18	80				

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12	+1	20	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100	0		1 hr.

Temperature of Water 54 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 26 S N or S. Range 33 E E or W. WM. _____
Section 30 NW ¼ NE ¼
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Voltage RD

(10) STATIC WATER LEVEL:
25 ft. below land surface. Date 7-28-93
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 25

From	To	Estimated Flow Rate	SWL
25	80	900	25

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
topsoil sandy loom	0	2	
sand fine, brn	2	6	
clay yellow	6	12	
rock basalt solid	12	25	
rock, red broken	25	40	22
rock, blk, broken	40	53	22
rock, grey, broken	22	80	22

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OCT - 1 1993

WATER RESOURCES DEPT.
SALEM, OREGON RECEIVED BY OWRD

JAN 13 2014

SALEM, OR

Date started 7-21-93 Completed 7-28-93

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1424
Signed Timothy S. Reddy Date 8-4-93

STATE OF OREGON
COUNTY OF HARNEY
CERTIFICATE OF WATER RIGHT

This Is to Certify, That JOHN or GEORGIA CROW

of 86 South Fir, Burns, State of Oregon, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of Well No. 1

a tributary of Malheur Lake for the purpose of irrigation of 75.53 acres

under Permit No. G-1463 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from October 2, 1959

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.94 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the SW 1/4 NE 1/4, Section 1, T. 27 S., R. 31 E., W. M. Well located 15 1/2 feet South and 21 feet East from the North quarter corner of Section 1

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 3 acre feet per acre for each acre irrigated during the irrigation season of each year,

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

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

BURNS 33

40.53 acres Lot 2 (NW 1/4 NE 1/4)
35.00 acres SW 1/4 NE 1/4
Section 1
T. 27 S., R. 31 E., W. M.

1/80th = 0.94 cfs
1/60th = 1.26 cfs
Diff = 0.32 cfs

This certificate is issued to correct & supersede the water right certificate recorded in State Record of Water Right Certificates, Volume 24, page 32083, so as to correctly show the quantity of water.

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JAN 13 2014

SALEM, OR

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date, August 9, 1965

CHRIS L. WHEELER

State Engineer

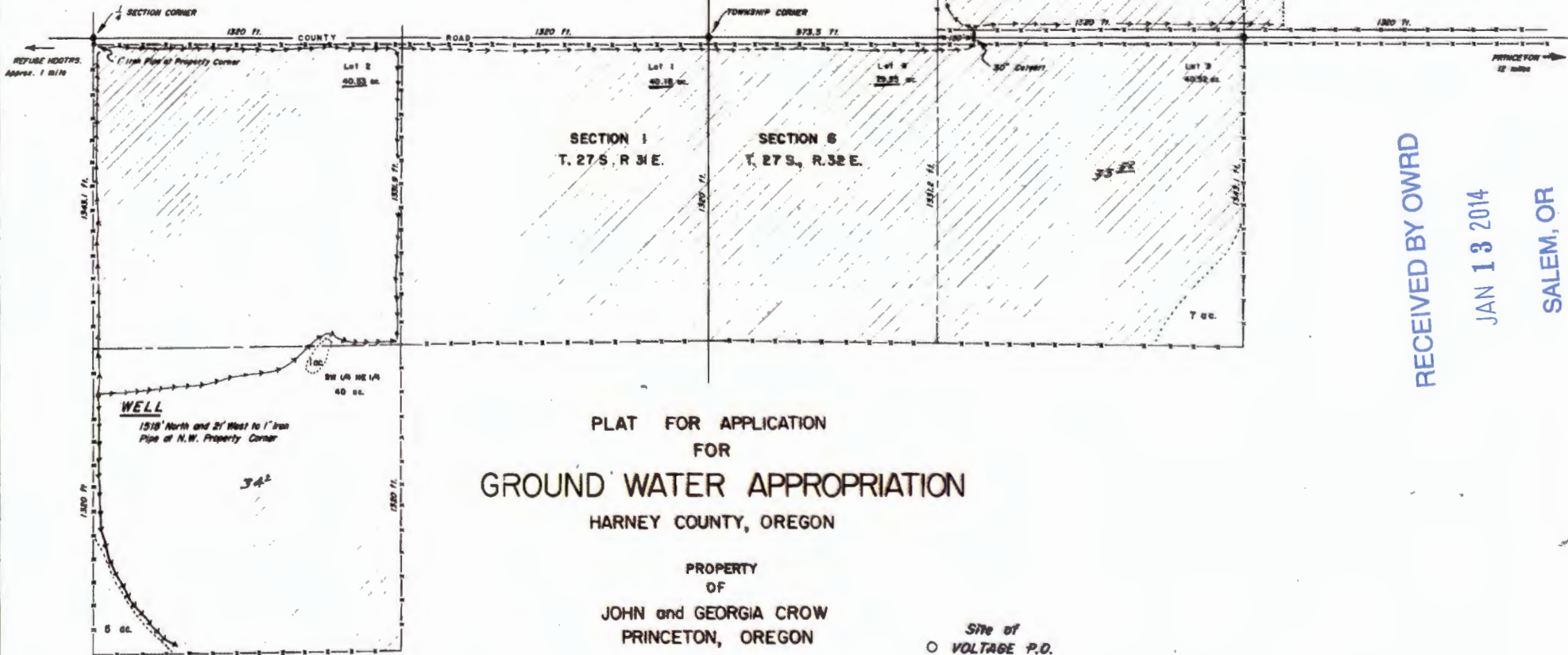
Recorded in State Record of Water Right Certificates, Volume 24, page 32394



MALHEUR NATIONAL WILDLIFE REFUGE

SECTION 36
T. 26 S., R. 31 E.

SECTION 31
T. 26 S., R. 32 E.



PLAT FOR APPLICATION
FOR
GROUND WATER APPROPRIATION
HARNEY COUNTY, OREGON

PROPERTY
OF
JOHN and GEORGIA CROW
PRINCETON, OREGON

Site of
○ VOLTAGE P.O.

LEGEND

- Fence Lines
- Existing Ditch Lines
- Ditch Lines Planned
- Irrigable Land Area

Date for this plat from property owners
Drawn 9-28-58 by M.A. Palmer

IRRIGABLE ACREAGES

T. 26 S., R. 32 E. Sec. 31	SESW	40 acres
	SWSE	10
T. 27 S., R. 31 E. Sec. 1	Lot 1	40.18
	Lot 2	40.85
	SWSE	34
T. 27 S., R. 32 E. Sec. 6	Lot 3	53.82
	Lot 4	28.55
TOTAL		227.58 acres

Note - County Road Rights of Way Included in above acreages

Application No. **C-1573**
Permit No. **B-1463**

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SALEM, OR

File Original and
First Copy with the
STATE ENGINEER,
SALEM, OREGON

STATE ENGINEER WATER WELL REPORT
SALEM, OREGON STATE OF OREGON

146
Ward
61593

27/31-15
G(1)

(1) OWNER: John Crow
Name
Address Princeton Oregon

(2) LOCATION OF WELL: County HAMILTON Owner's number, if any
1/4 1/4 Section 1 T. 27' B. 318 E.W.M.
Bearing and distance from section or subdivision corner
From N 1/4 Section corner Sec 2
T. 27' S. R31E. W.M. distance 158'
south along the 1/4 Sec. line,
thence 21' East.

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(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 10 ft. Gage 4
" Diam. from ft. to ft. Gage 4
" Diam. from ft. to ft. Gage

(7) 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.

(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: Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? Pump Depth of strata
Method of sealing strata off

(10) WATER LEVELS: Static level 12'-4" ft. below land surface Date
Artesian pressure lbs. per square inch Date

Log Accepted by:
[Signed] John Crow Date Sept. 9, 1959
(Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Crow
Yield: 1400 gal./min. with 9 ft. drawdown after 8 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 12" inches.
Depth drilled 118 ft. Depth of completed well 118 ft.
Formation: Describes 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	0	5
Hard pan	5	12
Grey basalt rock	12	71
Red clinders	71	99
Black lava rock	99	103
Black clinders	103	110
Yellow bentonite	110	118

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JAN 13 2014
SALEM, OR

Work started July 18, 1959 Completed Sept 5, 1959
(13) PUMP: Manufacturer's Name Berkey 8" Column
Type belt head H.P.

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME John W. Prosser
(Person, firm, or corporation) (Type or print)
Address Princeton Ore.
Driller's well number
[Signed] John W. Prosser
(Well Driller)
License No. 272 Date Sept 9, 1959

STATE ENGINEER
Salem, Oregon

State Well No. 27/31-16(1)
County HARNEY
Application No. G1593

Water Level Record

OWNER: John Crow OWNER'S NO. _____

Description of measuring point: Lip of access pipe at LSD.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
5-10-61	13.65				
12-12-61	13.99	JS 10			

REMARKS: _____

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JAN 13 2014

SALEM, OR

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

FRED H. AND BETTY R. BRIGGS
P.O. BOX 582
LAKEVIEW, OREGON 97630

PHONE: (503) 947-3367

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

APPLICATION FILE NUMBER: G-12928

SOURCE OF WATER: A WELL IN THE DONNER & BLITZEN RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 131.0 ACRES

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o RATE OF USE: 1.64 CUBIC FOOT PER SECOND

JAN 13 2014

PERIOD OF ALLOWED USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MAY 21, 1992

SALEM, OR

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 10, T27S, R32E, W.M.; 1255 FEET SOUTH & 70 FEET WEST FROM NE CORNER, SECTION 10

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:

<i>Briggs 21</i>	SW 1/4 SW 1/4	8.3 ACRES
	SECTION 2	
<i>Briggs 18</i>	SE 1/4 SE 1/4	14.8 ACRES
	SECTION 3	
	NE 1/4 NE 1/4	32.7 ACRES
<i>Briggs 20</i>	SE 1/4 NE 1/4	30.6 ACRES
	NE 1/4 SE 1/4	3.6 ACRES
	SECTION 10	
	NW 1/4 NW 1/4	18.8 ACRES
<i>Briggs 20</i>	SW 1/4 NW 1/4	19.7 ACRES
	NW 1/4 SW 1/4	2.5 ACRES
	SECTION 11	
	TOWNSHIP 27 SOUTH, RANGE 32 EAST, W.M.	

*1/80th = 1.64 cfs
1/60th = 2.18 cfs
Need 0.54 cfs*

All from Briggs #20

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.

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.

Application G-12928

Water Resources Department

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PERMIT G-12262

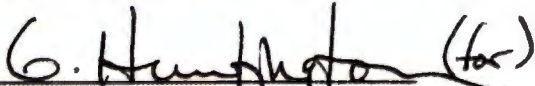
JAN 13 2014

SALEM, OR

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 January 26, 1996

 (for)

Water Resources Department
Martha O. Pagel
Director

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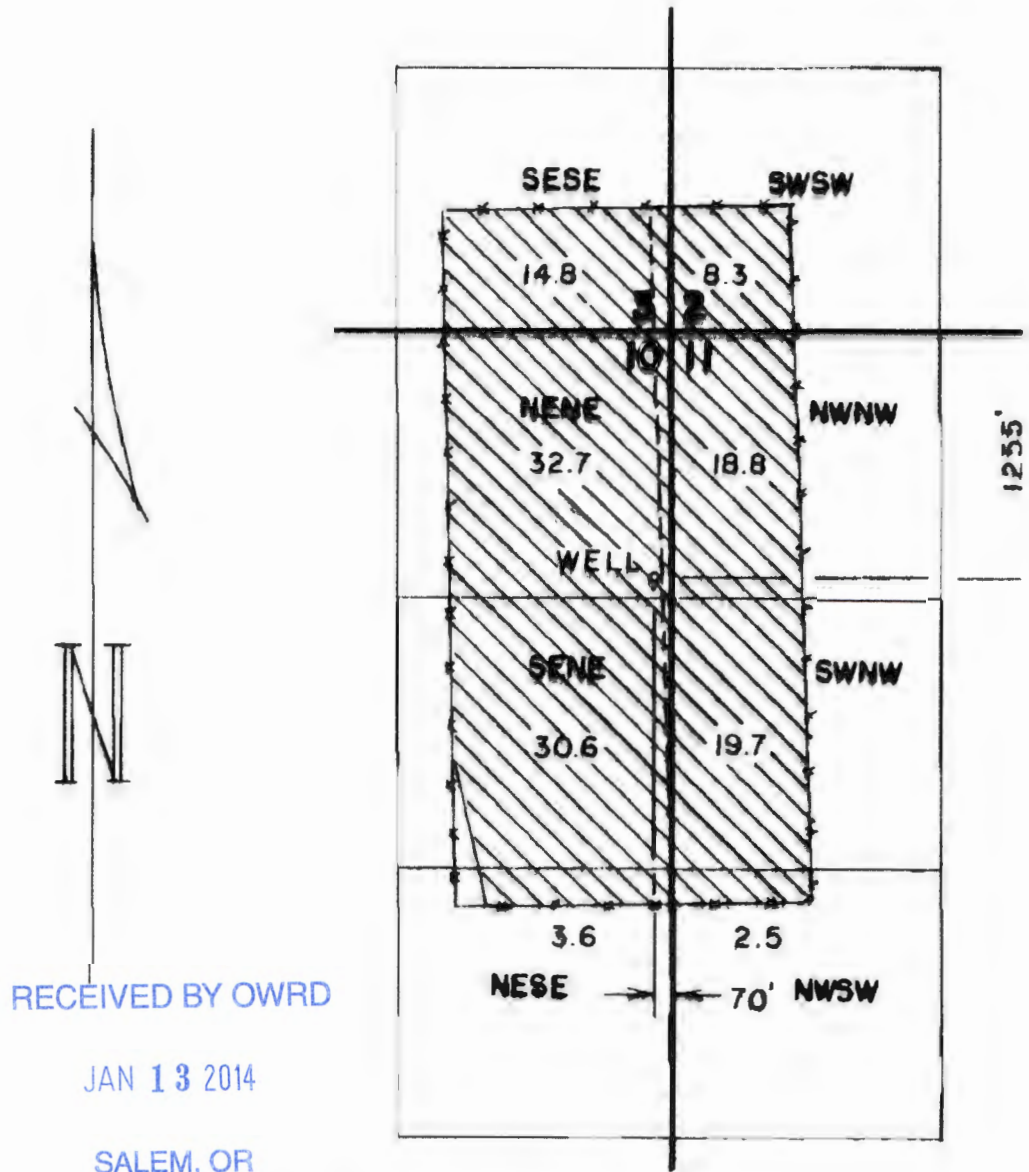
JAN 13 2014

SALEM, OR

Application G-12928 Water Resources Department
Basin 12 Volume 1A Donner & Blitzen River & Misc.
DLB MGMT.CODE

PERMIT G-12262
District 10

T. 27 S., R. 32 E.



THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP.

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-12928

Final Order
Extension of Time for Permit Number G-12262

Appeal Rights

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

On DECEMBER 13, 2002, FRED H. AND BETTY R. BRIGGS submitted an application to the Department for an extension of time for permit number G-12262. The Department issued permit number G-12262 on JANUARY 26, 1996. The permit called for completion of construction by OCTOBER 1, 1998, and complete application of water to beneficial use by OCTOBER 1, 1999. In accordance with OAR 690-315-0050(2), on NOVEMBER 22, 2005, the Department issued a Proposed Final Order proposing to extend the time to complete construction of the water development project to OCTOBER 1, 2006, and the time to fully apply water to beneficial use to OCTOBER 1, 2006. The protest period closed JANUARY 6, 2006, in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to no additional conditions.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Order

The extension of time for Application Number G-12928, Permit Number G-12262, therefore, is approved. The deadline for completing construction is extended to OCTOBER 1, 2006. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2006.

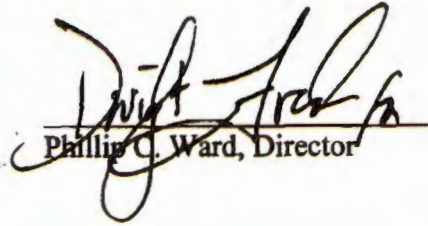
Final Order: Permit G-12262

Page 1 of 3
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JAN 13 2014.

SALEM, OR

DATED: May 4, 2006


Phillip C. Ward, Director

If you have any questions about statements contained in this document, please contact Ann L. Reece at (503) 986-0808.

If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900.

RECEIVED

27S/32E-10ad

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

DEC 14 1987

Harney 1471

(1) OWNER:

Name Fred Briggs WATER RESOURCES DEPT. Address Box 582 SALEM, OREGON City Lakeview, State Ore Zip

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 100 ft. Explosives used Type Amount

Table with columns for HOLE Diameter, SEAL From, To, Material, Amount sacks or pounds

How was seal placed: Method A B C D E Other

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s) 32'

(7) PERFORATIONS/SCREENS: No

Perforations Method Screens Type Material

Table with columns for From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem at Time

Table with columns for Yield gal/min, Drawdown, Drill stem at, Time

Temperature of water 54 Depth Artesian Flow Found

Was a water analysis done? Yes By whom

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Harney Latitude Longitude Township 27S N or S, Range 32 E. E or W, WM. Section 10 SE 1/4 NE 1/4

Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) Approx. 35 miles SE of Burns, 1/2 miles S. of Sod-house-Princeton road.

(10) STATIC WATER LEVEL:

40 ft. below land surface. Date 11-12-87 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Table with columns for From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground elevation 4150.

Table with columns for Material, From, To, SWL

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JAN 13 2014

SALEM, OR

Date started 11-7-87 Completed 11-10-87

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards.

WWC Number Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above.

WWC Number 1254 Signed Harold Woodruff Date 12-1-87

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

FRED H. AND BETTY R. BRIGGS
P.O. BOX 582
LAKEVIEW, OREGON 97630

PHONE: (541) 947-3667

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

APPLICATION FILE NUMBER: G-12926

SOURCE OF WATER: TWO WELLS IN THE DONNER UND BLITZEN RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 354.7 ACRES

MAXIMUM RATE: 4.43 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MAY 21, 1992

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, NE 1/4 NW 1/4, SECTION 6, T27S, R32E, W.M.; WELL 1 - 125 FEET SOUTH AND 915 FEET WEST FROM THE NE CORNER OF SECTION 6; WELL 2 - 1280 FEET SOUTH AND 1 FOOT WEST FROM THE N 1/4 CORNER OF SECTION 6

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.

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THE PLACE OF USE IS LOCATED AS FOLLOWS:

JAN 13 2014

SE 1/4 SW 1/4 40.0 ACRES
NE 1/4 SE 1/4 15.6 ACRES
SW 1/4 SE 1/4 35.0 ACRES
SE 1/4 SE 1/4 28.9 ACRES
SECTION 31

SALEM, OR - AC 1.38 cfs

SW 1/4 SW 1/4 40.0 ACRES
SECTION 32

1/80th = 73 cfs

1/60th = 184 cfs

Diff 0.46 cfs

TOWNSHIP 26 SOUTH, RANGE 32 EAST, W.M.

BRIGGS
33

NE 1/4 NE 1/4 40.1 ACRES
SECTION 1

TOWNSHIP 27 SOUTH, RANGE 31 EAST, W.M.

NE 1/4 NW 1/4	20.0 ACRES
NW 1/4 NW 1/4	30.5 ACRES
SE 1/4 NW 1/4	7.3 ACRES

SECTION 5

NE 1/4 NE 1/4	9.2 ACRES
NW 1/4 NE 1/4	18.1 ACRES
NE 1/4 NW 1/4	40.5 ACRES
NW 1/4 NW 1/4	29.5 ACRES

By 995
34

SECTION 6

TOWNSHIP 27 SOUTH, RANGE 32 EAST, 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 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.

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.

Application G-12926 Water Resources Department PERMIT G-12938

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JAN 13 2014

SALEM, OR

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.

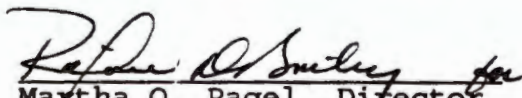
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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 October 29, 1996


Martha O. Pagel, Director
Water Resources Department

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JAN 13 2014

SALEM, OR

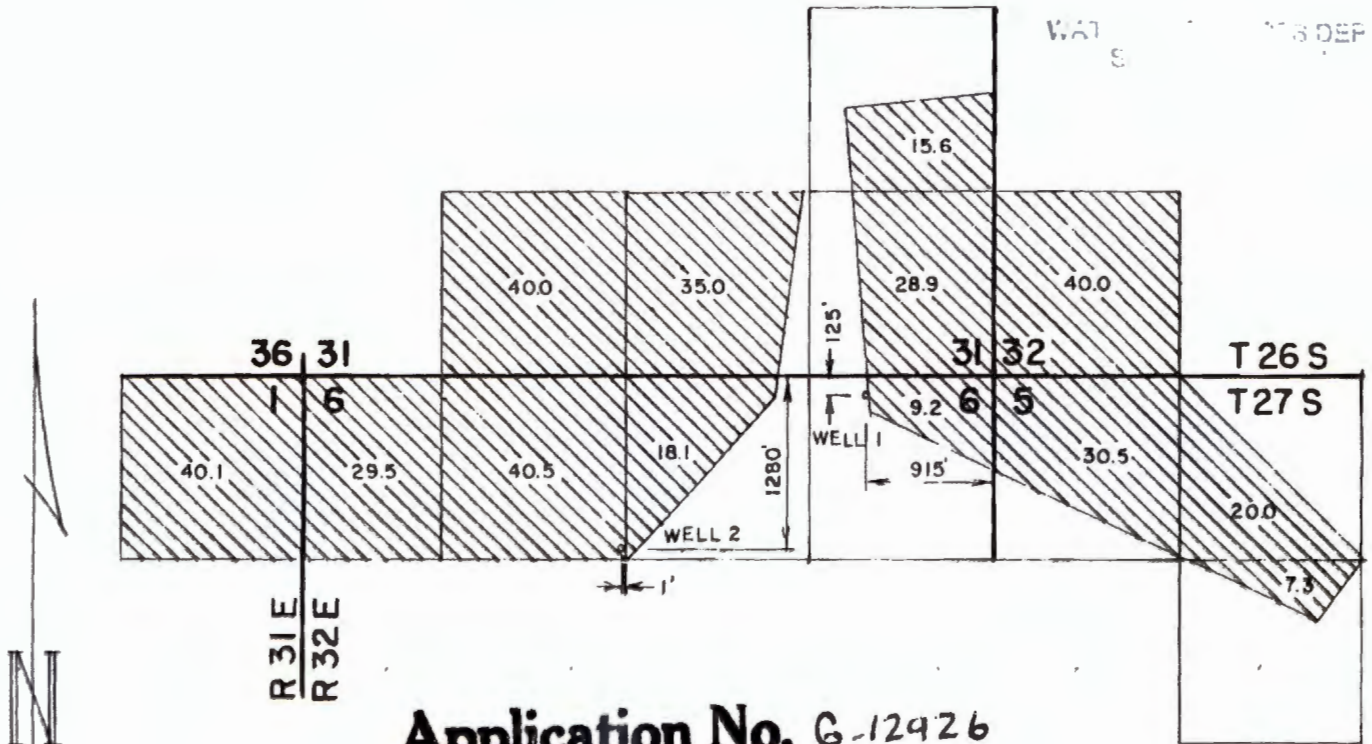
Application G-12926 Water Resources Department PERMIT G-12938
Basin 12 Volume 1A Donner Blitzen River & Misc. District 10
MGMT.CODES 7BG, 7BR

X

T.26 S., T.27 S., R.31 E., R.32 E., W.M.

MAY 21 1992

WATER RIGHTS DEPT.



Application No. G-12926
Permit No. G-12938

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JAN 13 2014

SALEM, OR

THE PURPOSE OF THIS MAP IS TO
RECORD THE LOCATION OF THE
WATER RIGHT. IT IS NOT INTENDED
TO PROVIDE INFORMATION RELATIVE
TO THE LOCATION OF PROPERTY
OWNERSHIP.

	FRED BRIGGS		LAKEVIEW, OR	
	WATER RIGHT APPLICATION MAP			
	Scale: 4" = 1 mile	Date: Apr 1992	Job: 1393 C	
	Dsn: Drn: Chris Ckd:	M. A. PALMER & SONS, INC. ENGINEERING & SURVEYING 254 N. Alder - Box 61 Burns, Oregon 97720		Sht. No. of 1

10

Harney 1893

most likely well #1

265/325/3/dd
20914

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.785)

AUG 15 1991
WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD)

(1) OWNER: Name Fredd Briggs
Address HC 72 Box 158
City Princeton State OR Zip 97724

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 36 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
16"	0 20	Cement	0 20	4 sacks

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

Casing/Liner	Diameter	From To	Gauge	Material			
				Steel	Plastic	Welded	Threaded
Casing	12"	+2 20	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of sheets: _____

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
20	30	1/8"	192	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 1000 Drawdown 2" Drill stem at _____ Time 1 hr.

Temperature of water 68° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Harney Latitude 43° Longitude _____
Township 26 North Range 32 E of W. W.M.
Section 31 S.E. 1/4 S.E. 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
10 ft. below land surface. Date 7/20/91
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 30'

From	To	Estimated Flow Rate	SWL
30'	35'	1,000 gal/min	10'

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Soil	0'	5'	0'
Grey Rock	5'	30'	0'
Black sinder (W.B)	30'	36'	10'

RECEIVED BY OWRD
JAN 13 2014
SALEM, OR

Date started 7/15/91 Completed 7/20/91

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed Dan Woodruff WWC Number 1500 Date 7-20-91

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above, all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Dan Woodruff WWC Number 1254 Date 7-20-91

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-12926

Final Order
Extension of Time for Permit Number G-12938

Appeal Rights

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

On DECEMBER 13, 2002, FRED H. AND BETTY R. BRIGGS submitted an application to the Department for an extension of time for permit number G-12938. The Department issued permit number G-12938 on OCTOBER 29, 1996. The permit called for completion of construction by OCTOBER 1, 1998, and complete application of water to beneficial use by OCTOBER 1, 1999. In accordance with OAR 690-315-0050(2), on NOVEMBER 22, 2005, the Department issued a Proposed Final Order proposing to extend the time to complete construction of the water development project to OCTOBER 1, 2006, and the time to fully apply water to beneficial use to OCTOBER 1, 2006. The protest period closed JANUARY 6, 2006, in accordance with OAR 690-315-0060(1). No protest was filed.

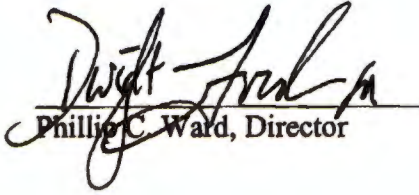
At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to no additional conditions.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Order

The extension of time for Application Number G-12926, Permit Number G-12938, therefore, is approved. The deadline for completing construction is extended to OCTOBER 1, 2006. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2006.

DATED: May 4, 2006


Phillip C. Ward, Director

If you have any questions about statements contained in this document, please contact Ann L. Reece at (503) 986-0808.

If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900.

RECEIVED BY OWRD

JAN 13 2014

SALEM, OR

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

NOV 29 1988
WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD) # 5237

1460
Burns

28/3E/106

(1) OWNER: Well Number: _____
Name Fred Briggs
Address Box 582
City Lakeview State Or. Zip _____

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation & stock
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 35 ft.
Yes No
Explosives used Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
20"	0	18'	cement	0	18'	10 sacks
16"	18	35				

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	16"	+1	25'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Final location of shoe(s) 25

(7) PERFORATIONS/SCREENS: NO
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 500 Drawdown 0 Drill stem at 35' Time 1 hr.

Temperature of water 51 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 27 S N or S, Range 31 E E or W, WM.
Section 1 NW 1/4 NE 1/4
Tax Lot 100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 35 miles S of Burns near Sodhouse-Princeton Rd at Briggs ranch

(10) STATIC WATER LEVEL:
12 ft. below land surface. Date 11-10-88
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
25	35	500	12

(12) WELL LOG: Ground elevation 4150

Material	From	To	SWL
Soil	0	1	0
Rock, grey hard	1	25	0
Cinders, red water bearing	25	35	12

Date started 11-7-88 Completed 11-10-88

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____
Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Hersch Woodruff WWC Number 1254
Date 11-10-88

Jeana Eastman

From: Jeana Eastman
Sent: Tuesday, December 17, 2013 1:20 PM
To: 'DENNIS'
Subject: RE: G-17592, Golden Rule Farms - current caseworker/contact

Thanks for letting me know. I appreciate the communication.

Have a good one,



Jeana Eastman ★ ★ ★ Water Right Application Analyst ★ ★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine

From: DENNIS [<mailto:djglender@msn.com>]
Sent: Tuesday, December 17, 2013 1:06 PM
To: Jeana Eastman
Subject: RE: G-17592, Golden Rule Farms - current caseworker/contact

Hi Jeana,

I am working on the application right now. We plan to amend the application on wells construction for a portion of the wells and answer other questions in the original letter.

Thanks,

Dennis R. Glender

From: jeana.m.eastman@state.or.us
To: djglender@msn.com
CC: mary.f.rohling@state.or.us
Subject: G-17592, Golden Rule Farms - current caseworker/contact
Date: Tue, 17 Dec 2013 19:42:36 +0000

Hi Dennis -

Today Mary Rohling sent you an email with a hold approval letter for this application.

I just wanted to let you know, since I was the original caseworker, I'm going to take this file over and be the contact from here on. Sorry for any confusion this may cause you.

If you have questions, please let me know.

Thanks,



Jeana Eastman ★★ ★ Water Right Application Analyst ★★ ★ 503.986.0812

Oregon Water Resources Dept, 725 Summer St NE, Ste A, Salem OR 97301
<http://oregon.gov/OWRD>

"Dwelling on the negative simply contributes to its power." ~Shirley MacLaine



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

GOLDEN RULE FARMS INC
PO BOX 255
CHRISTMAS VALLEY, OR 97641

December 17, 2013

Reference: File G-17592

Dear Applicant:

On December 5, 2013, the Water Resources Department received a request from Dennis Glender, your authorized agent, requesting an administrative hold on processing the above-referenced application until Friday, February 7, 2014, to allow time to address issues.

The Department will not take any action on this application until **Monday, February 7, 2014**, unless you inform us that you would like us to process the application sooner. If you need to request additional time, you will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a general time line, which identifies when you anticipate being ready to continue with the application process.

Sincerely,

Mary Rohling
Water Rights Application Caseworker

cc: WM #10
file
Dennis Glender, Glender's Hydro Tech Services,
8664 SW Sand Ridge Rd, Crooked River Ranch OR 97760

Mary Rohling

From: DENNIS <djglender@msn.com>
Sent: Thursday, December 05, 2013 9:58 AM
To: Mary Rohling
Subject: WR\$ App G-17592 Golden Rule Farms INC

Mary,

I am requesting an additional administrative hold on this file until February 7, 2014. Summer months were busy and we have not had time to address the issues in the application request.

Thank you,

Dennis R. Glender

Kerry Kavanagh

From: Kerry Kavanagh <kerry.l.kavanagh@state.or.us>
Sent: Wednesday, April 10, 2013 2:24 PM
To: DENNIS GLENDER
Cc: Tim Puckett (goldenrulefarms@gmail.com); KAVANAGH Kerry L
Subject: RE: Golden Rule Farms, Inc App G-

Hi Dennis,

I received your earlier email.

I have prepared a letter approving the 180-day administrative hold for Application G-17592 -- it's in the outgoing mail.

I also made a copy of the email and agent authorization and placed a copy in the file for Application G-17581. I have prepared the draft PFO for Application G-17581 -- which is now awaiting review by my manager. You are included on the mailing list to receive the PFO. Hopefully, the PFO for Application G-17581 will be issued late April or early May.

Thanks!

Kerry

Kerry Kavanagh
Water Rights Caseworker
(503) 986-0816

Oregon Water Resources Dept
725 Summer St NE, Suite A
Salem, OR 97301-1266
front desk (503) 986-0900
fax (503) 986-0901
<http://oregon.gov/OWRD>

Messages to and from this e-mail address may be available to the public under Oregon law.

From: DENNIS GLENDER [<mailto:djglender@msn.com>]
Sent: Wednesday, April 10, 2013 2:18 PM
To: Kerry Kavanagh
Cc: Tim Puckett
Subject: Golden Rule Farms, Inc App G-

Kerry,

Please find attached an agent form authorizing me to assist in the processing of Application G-17592.

At this time we are requesting a 180 administrative hold on the application so that we can address the issues outlined in OWRD's letter dated March 8, 2013.

I can be reached by telephone at 541-219-0806.

Thank you,

Dennis R. Glender



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

GOLDEN RULE FARMS INC
PO BOX 255
CHRISTMAS VALLEY, OR 97641

April 11, 2013

Reference: File G-17592

Dear Applicant:

On April 10, 2013, the Water Resources Department received an email from Dennis Glender, your authorized agent, requesting a 180-day administrative hold on processing the above-referenced application.

The Department will not take any action on this application until **Monday, October 7, 2013**, unless you request we sooner. If you need to request additional time, you will need to show justification for why additional time is reasonable and necessary, that substantial progress is being made towards being ready to proceed with application processing, and a general time line, which identifies when you anticipate being ready to continue with the application process.

Sincerely,

Kerry Kavanagh
Water Rights Application Caseworker

cc: WM #10
file
Dennis Glender, Glender's Hydro Tech Services,
8664 SW Sand Ridge Rd, Crooked River Ranch OR 97760

Kerry Kavanagh

From: DENNIS GLENDER <djglender@msn.com>
Sent: Wednesday, April 10, 2013 9:36 AM
To: Kerry Kavanagh
Cc: Tim Puckett
Subject: Golden Rule Farms, Inc App G-
Attachments: GRF Agent form for G-17592 and G-17581.pdf

Kerry,

Please find attached an agent form authorizing me to assist in the processing of Application G-17592.

At this time we are requesting a 180 administrative hold on the application so that we can address the issues outlined in OWRD's letter dated March 8, 2013.

I can be reached by telephone at 541-219-0806.

Thank you,

Dennis R. Glender

RECEIVED

APR 10 2013

WATER RESOURCES DEPT
SALEM, OREGON

Golden Rule Farms Inc.

PO Box 255

Christmas Valley, OR 97641

(541) 576-2273

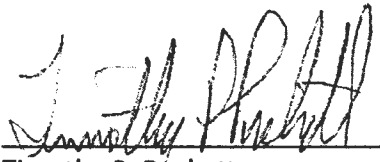
March 28, 2013

Oregon Water Resources Dept.
725 Summer St. NE, Suite A
Salem, OR 97301

To Whom It May Concern:

I, Timothy Puckett of Golden Rule Farms, Inc., authorize Dennis R. Glender of Glender's Hydro Tech Services to act as our agent in the processing of Water Right Applications G17592 & G17581 on our property located in Harney county. Please forward all communication concerning the application (with a copy to us) to 8664 SW Sand Ridge Rd, Crooked River Ranch, Oregon 97760, telephone (541) 219-0806.

Thank you,

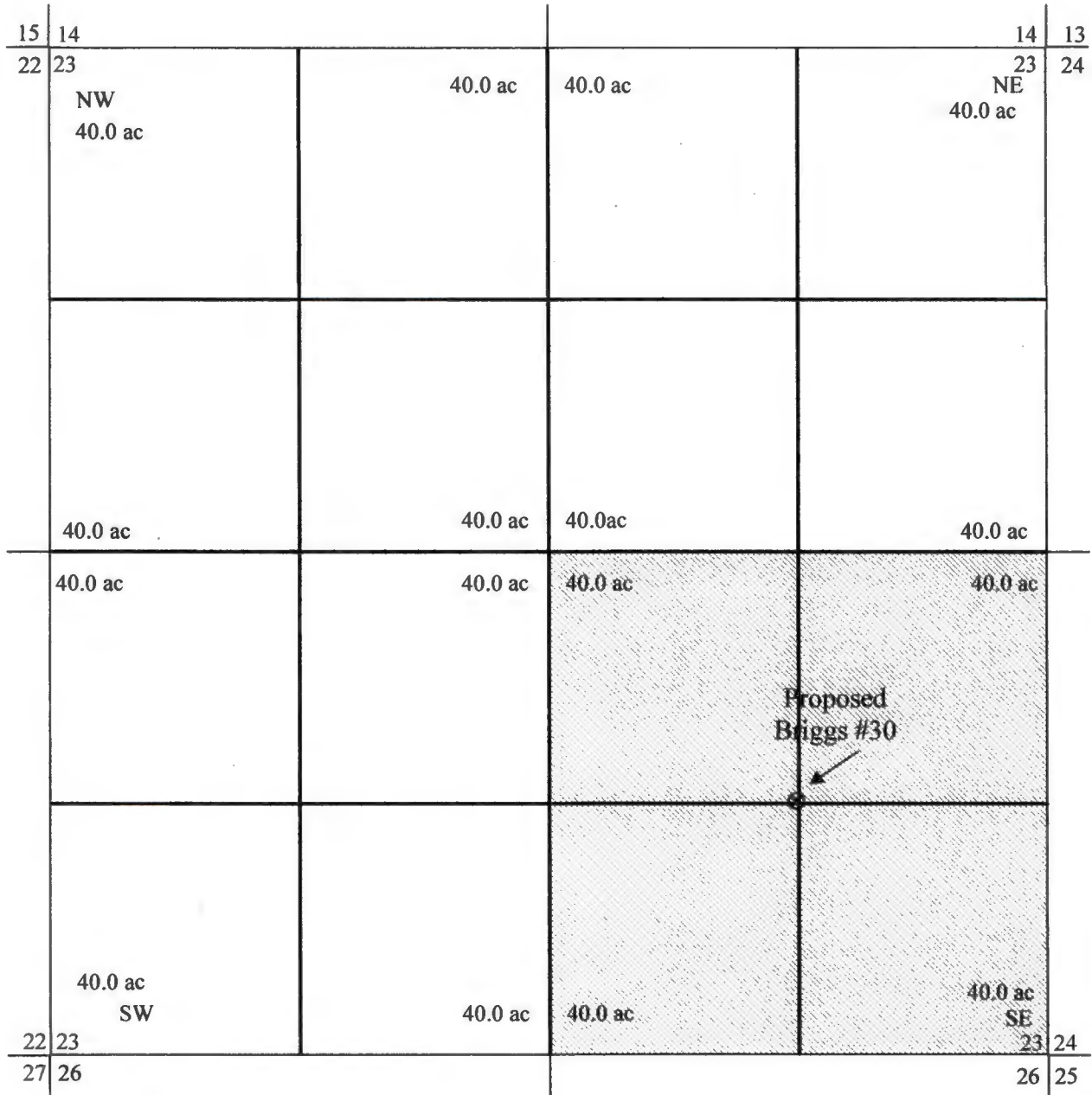


Timothy P. Puckett
President

RECEIVED

APR 10 2013

WATER RESOURCES DEPT
SALEM, OREGON



Brigg #30

To be located 1,320 feet North
and 1,320 feet West of the SE
corner of Section 23

current app
maps as of
2/24/14
use these maps

✓ In T26S R32E W.M.
Section 23
Tax Lot 600: 120.0 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

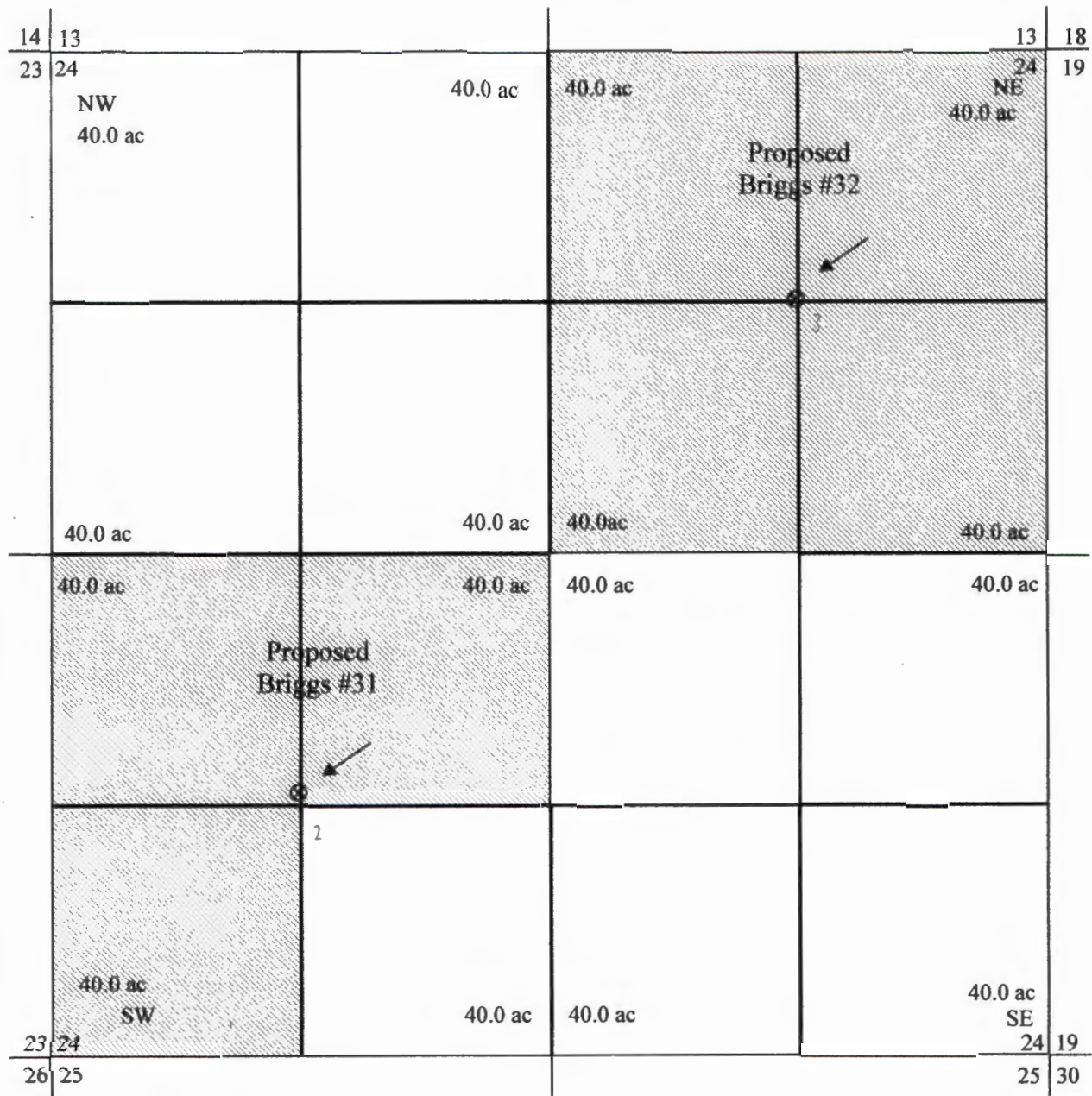
G-17592

RECEIVED BY OWRD

10/26/12

OCT 23 2012

S. J. ...



Briggs #32

To be located 1,320 feet South
and 1,320 feet West of the NE
corner of Section 24

Briggs #31

To be located 1,330 feet North
and 1,320 feet East of the SW
corner of Section 24

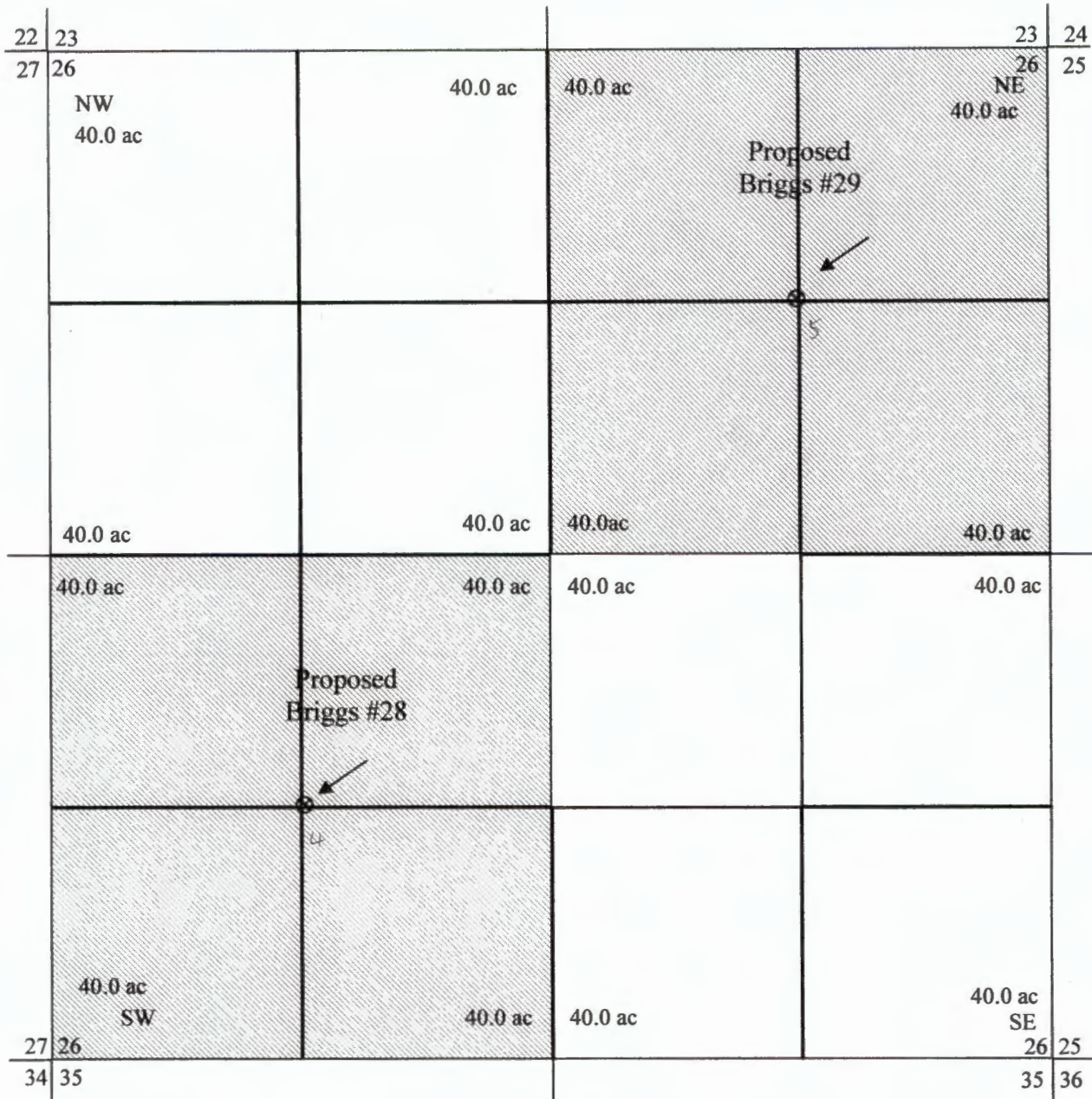
In T26S R32E W.M.
Section 24
Tax Lot 800: 160.0 acres
Tax Lot 300: 120.0 acres
1" = 880 feet

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DEC 19 2012

SALEM, OR

G-17592



Briggs #29

To be located 1,320 feet South
and 1,320 feet West of the NE
corner of Section 26

Briggs #28

To be located 1,320 feet North
and 1,320 feet East of the SW
corner of Section 26

In T26S R32E W.M.
Section 26
Tax Lot 300: 160.0 acres
Tax Lot 1200: 160.0 acres
1" = 880 feet

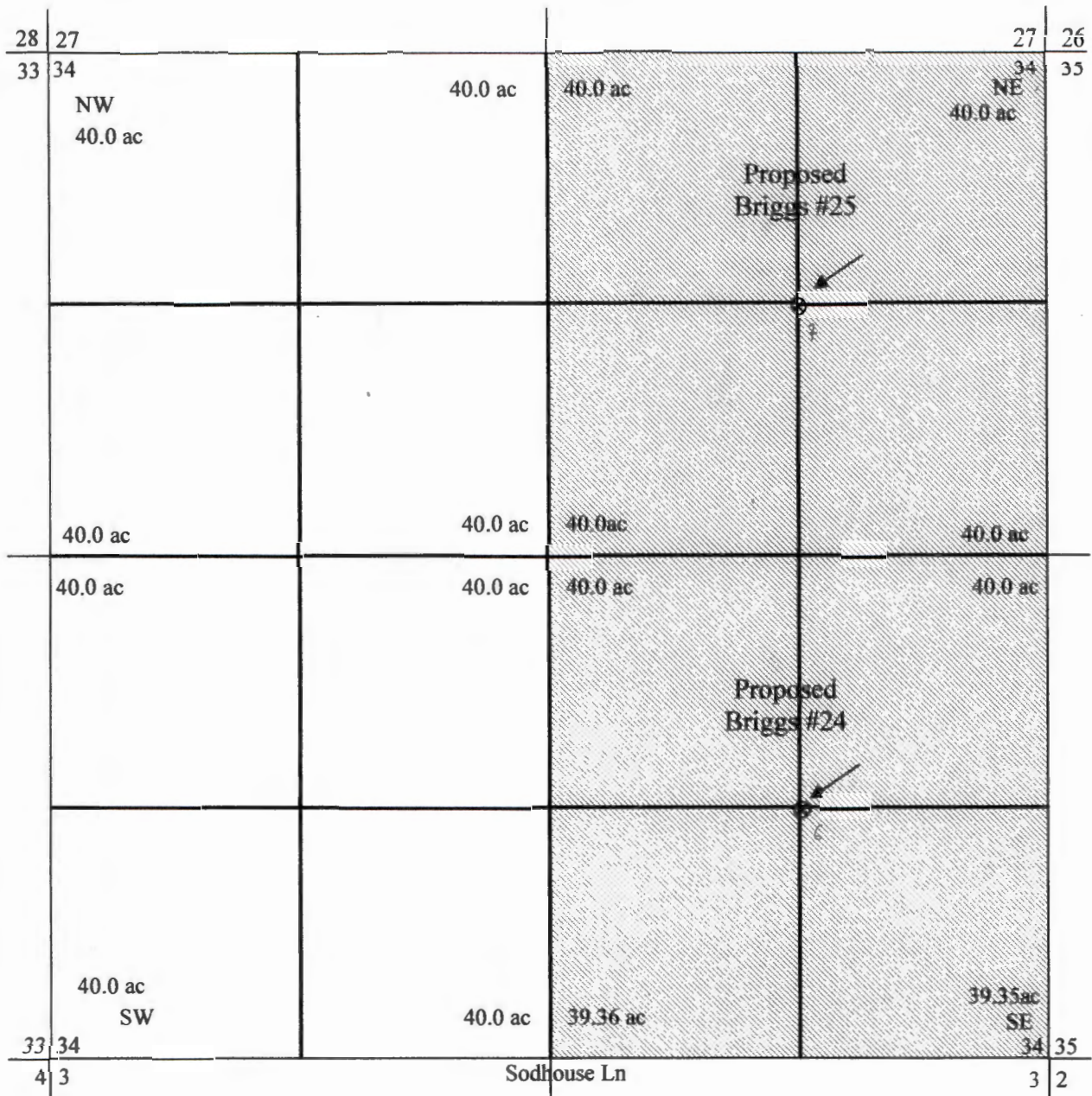
G-17592

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10/26/12

OCT 26 2012

SA: [unclear]



Briggs #25

To be located 1,320 feet South and 1,310 feet West of the NE corner of Section 34

Briggs #24

To be located 1,320 feet North and 1,310 feet West of the SE corner of Section 34

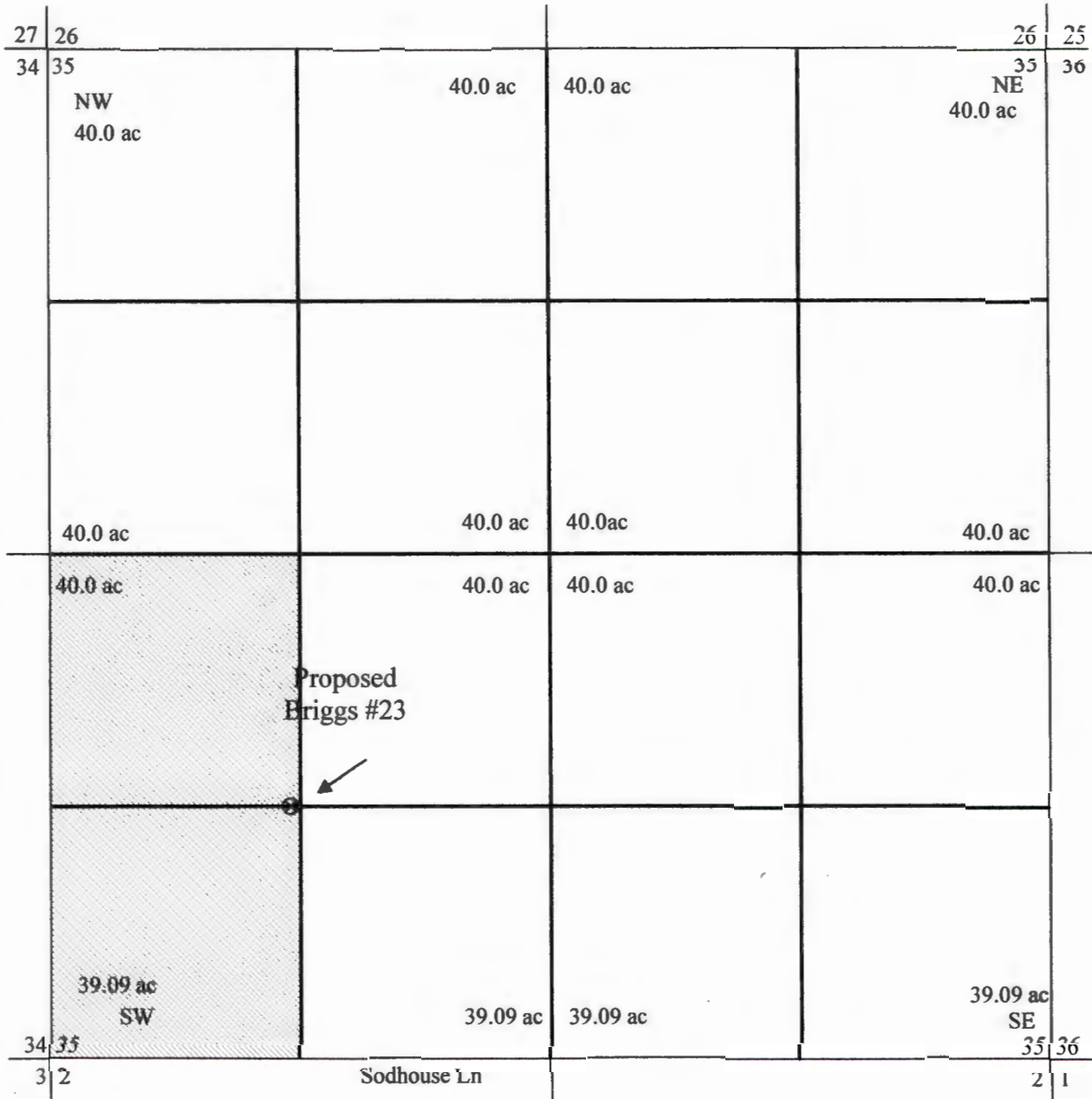
✓ In T26S R32E W.M.
Section 34
Tax Lot 1800: 78.71 acres
Tax Kit 1300: 240.0 acres
1" = 880 feet

G-17592

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SALEM OR



Briggs #23

To be located 1,320 feet North
and 1,310 feet East of the SW
corner of Section 35

In T26S R32E W.M.
Section 35
Tax Lot 1800: 79.09 acres
1" = 880 feet

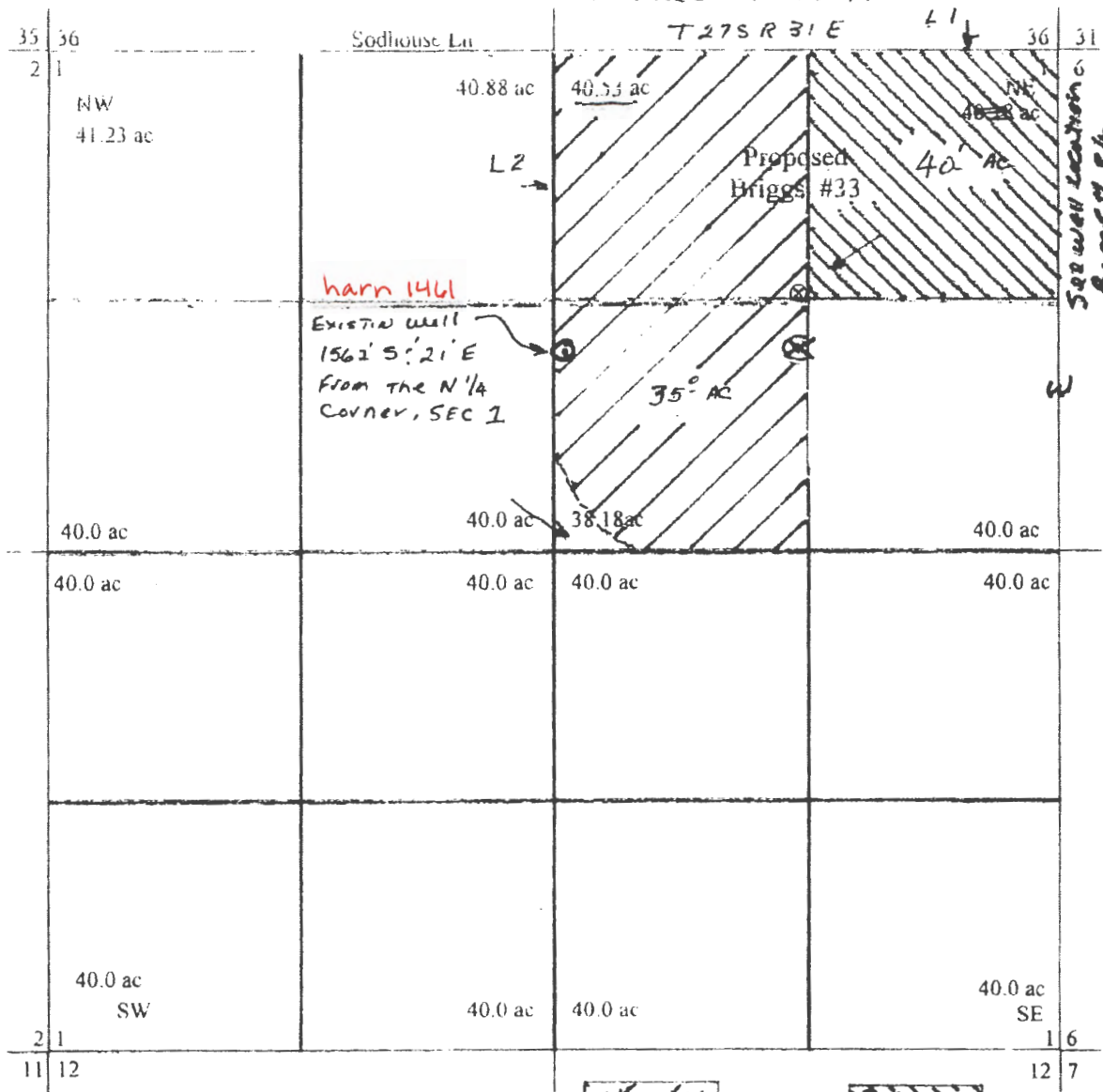
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SALEM, OR

G-17592

Amended 2/18/2014 ^{DR}



Briggs #33

To be located 1,320 feet South and 1,330 feet West of the NE corner of Section 1 *DR*

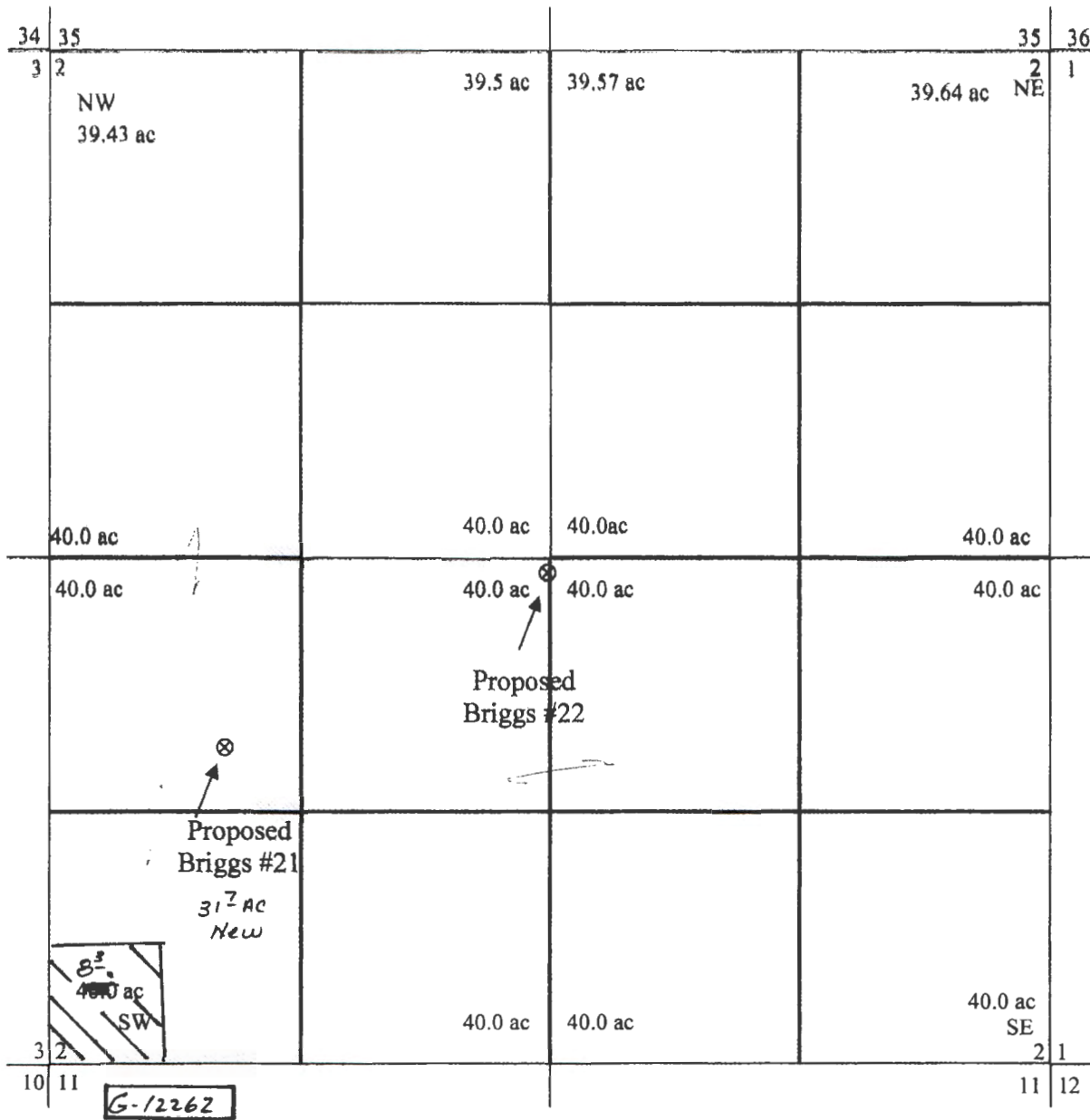
In T27S R31E W.M
Section 1
Tax Lot 300: 118.89 acres
1" = 880 feet

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FEB 18 2014

WATER RESOURCES DEPT
SALEM, OREGON

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~~2014~~
SALEM



Briggs #21

To be located 1,650 feet North and 920 feet East of the SW corner of Section 2

Briggs #22

To be located 2,640 feet North and 2,640 feet East of the SW corner of Section 2

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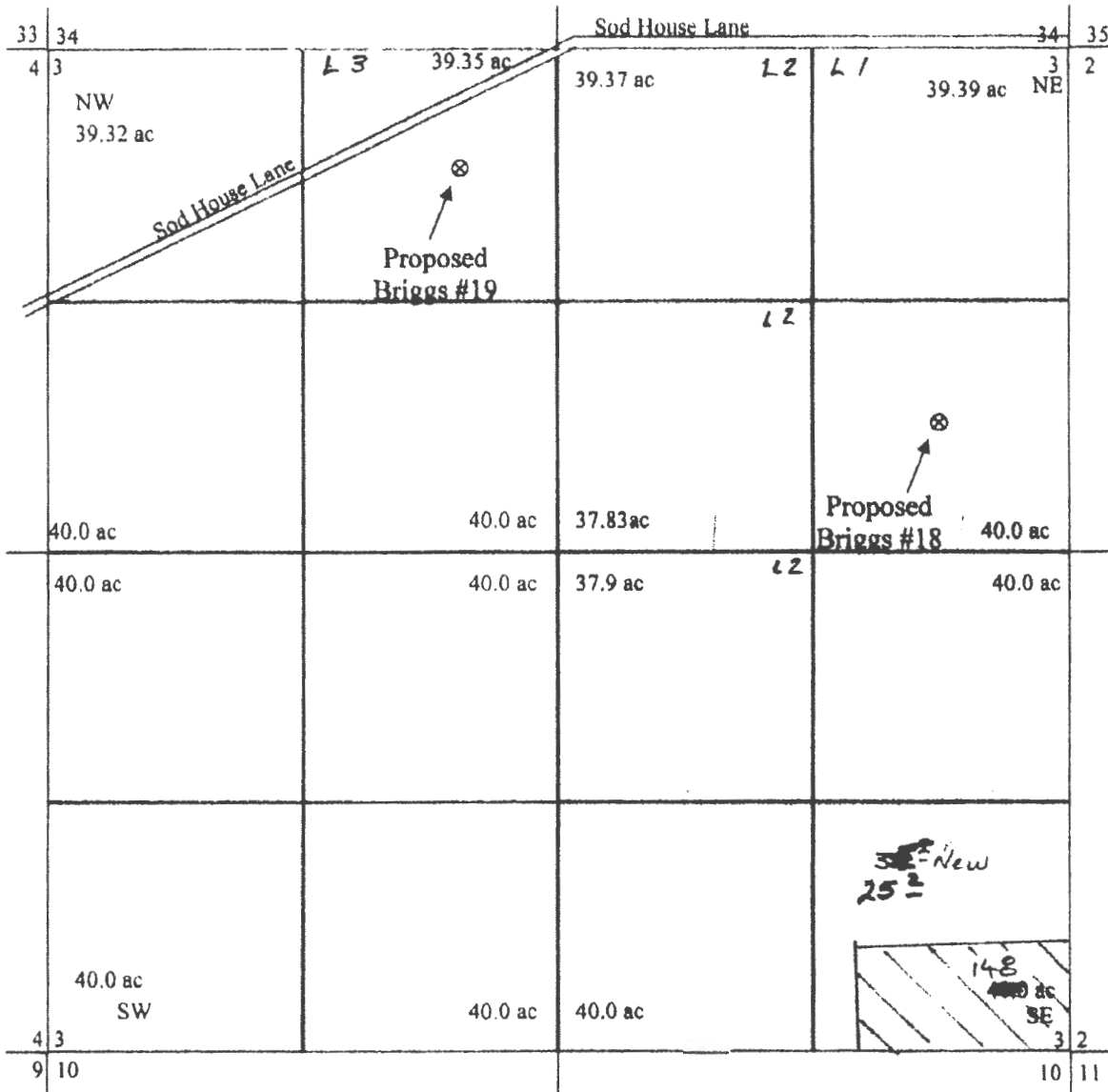
JAN 13 2014

SALEM, OR

In T27S R32E W.M.
 Section 2
 Tax Lot 200: 200.0 acres
 1" = 880 feet

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~~DEC 19 2012~~
~~SALEM, OR~~

G-17592



Briggs #18

To be located 1,980 feet South and 0 feet West of the NE corner of Section 3

*700' DR6
2/4/14*

Briggs #19

To be located 750 feet South and 2,140 feet East of the NW corner of Section 3

G-12262

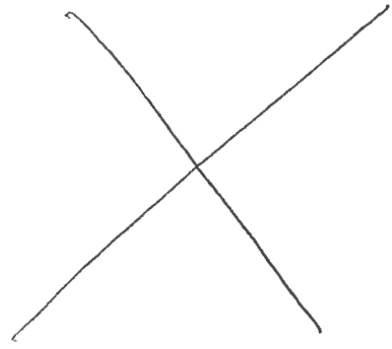
In T27S R32E W.M.
Section 3
Tax Lot 200: 199.39 acres
Tax Lot 300: 154.45
1" = 880 feet

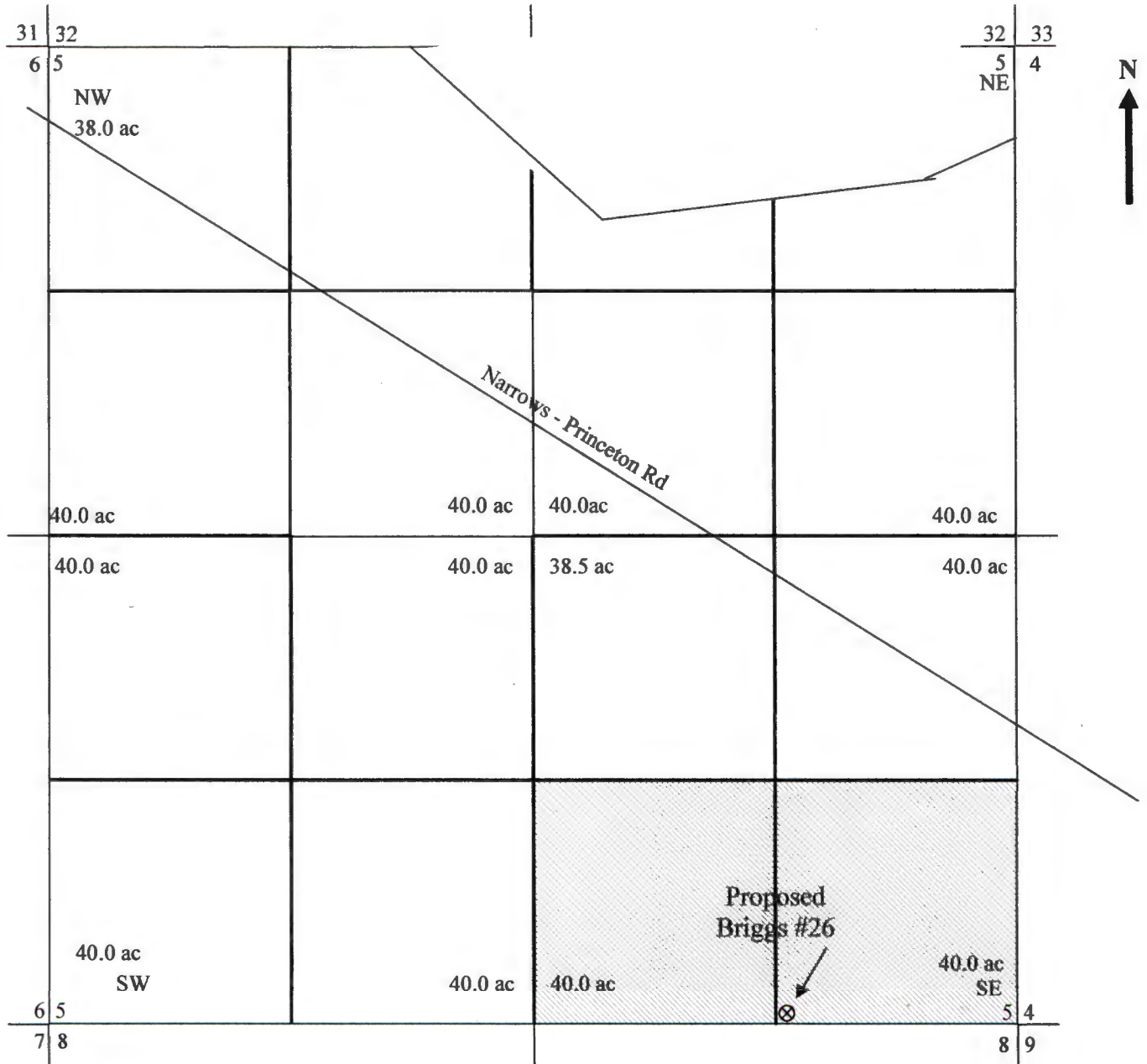
G-17592

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FEB 04 2014

WATER RESOURCES DEPT
SALEM, OREGON





Briggs #26

To be located 20 feet North
and 1,310 feet West of the SE
corner of Section 5

— In T27S R32E W.M.
Section 5
Tax Lot 500: 80.0 acres
1" = 880 feet

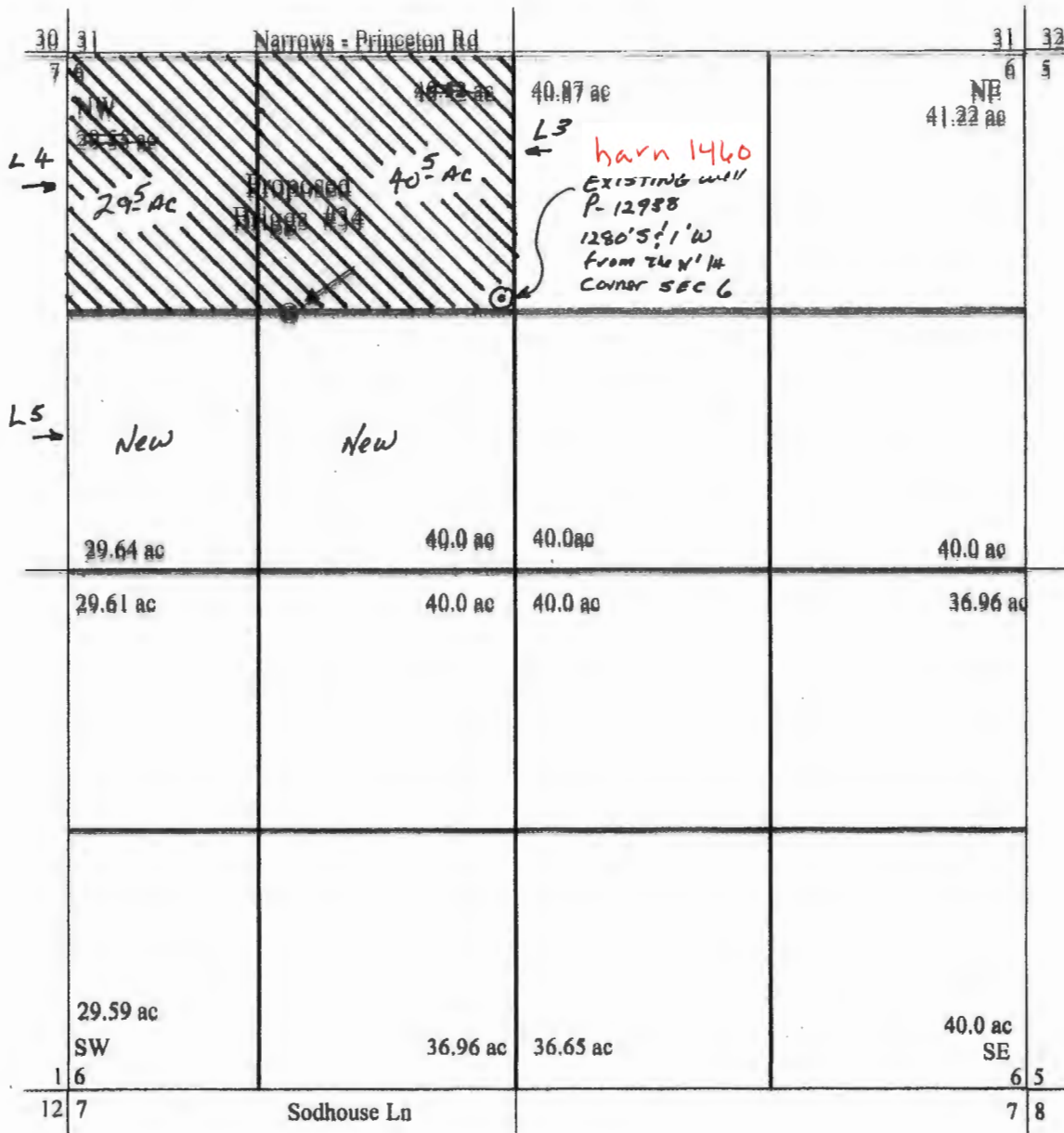
G-17592

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10/26/12

OCT 25 2012

SAL FR 104



Briggs #34

P.S. = 12938

To be located 1,320 feet South
and 1,145 feet West of the
NW corner of Section 6

DRG

In T27S R32E W.M.
Section 6
Tax Lot 100: 70.07 acres
Tax Lot 200: 29.64 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

G-17592

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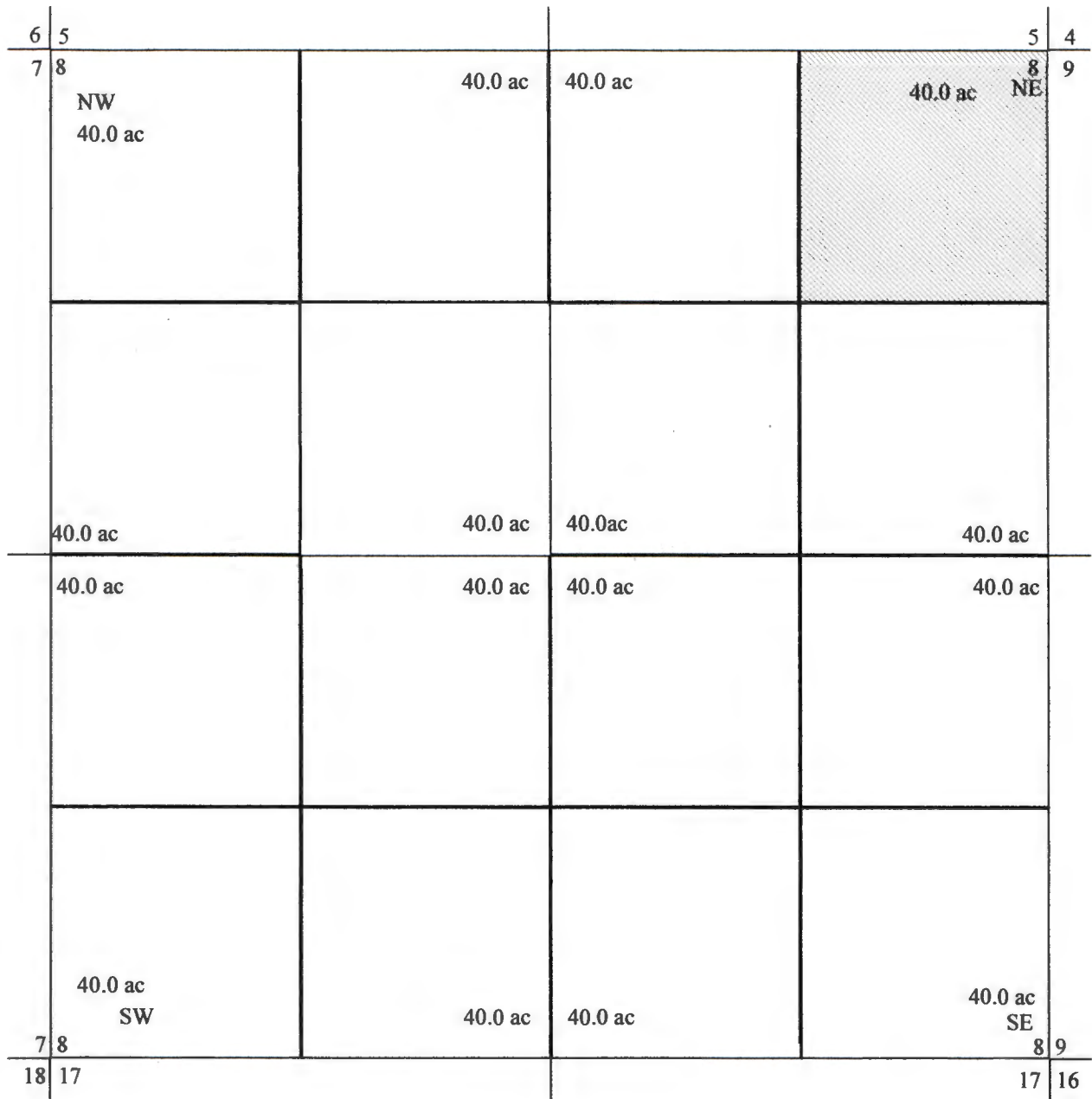
JAN 13 2014

SALEM, OR

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~~SALEM, OR~~



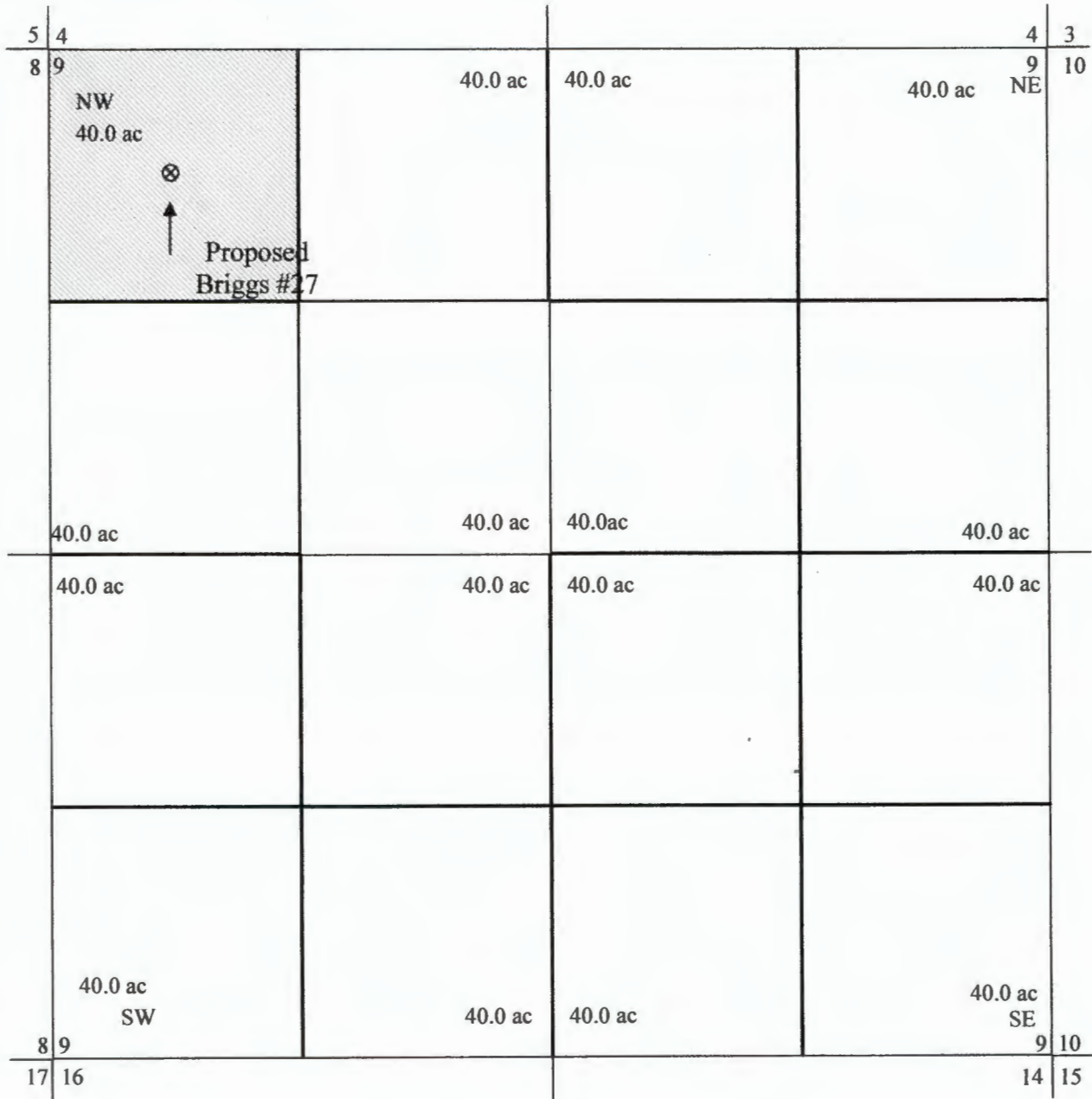
✓ In T27S R32E W.M.
Section 8
Tax Lot 500: 40.0 acres
1" = 880 feet

G-17592

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OCT 26 2012

SALEM, OR



Briggs #27

To be located 660 feet South
and 660 feet East of the NW
corner of Section 9

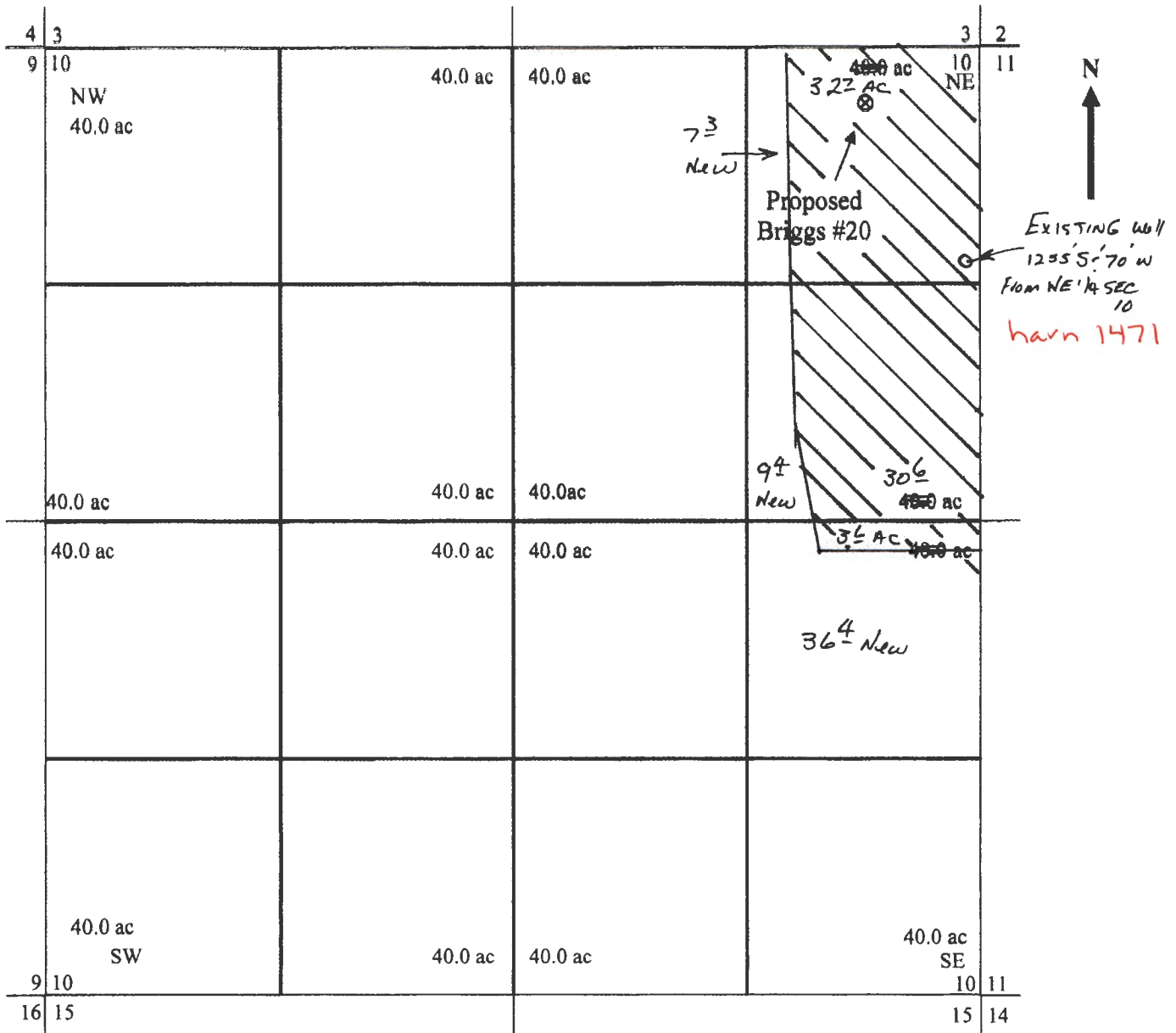
In T27S R32E W.M.
Section 9
Tax Lot 500: 40.0 acres
1" = 880 feet

G-17592

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SALEM, OR



Briggs #20

G-12262

To be located 290 feet South and 660 feet West of the NE corner of Section 10

DRG

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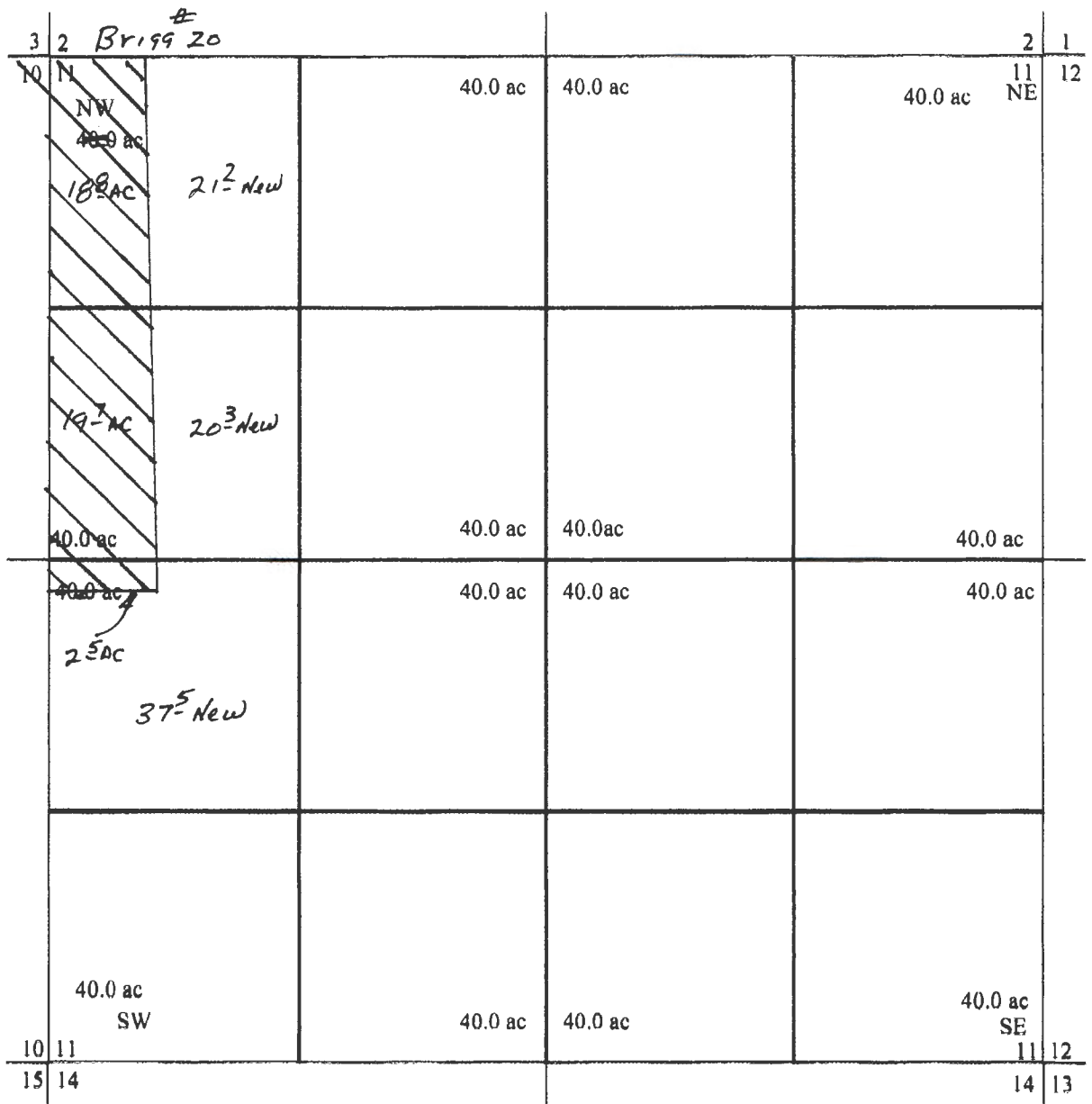
In T27S R32E W.M.
Section 10
Tax Lot 200: 240.0 acres
1" = 880 feet

G-17592

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~~OCT 26 2012~~

~~SALEM, OR~~



G-12262

In T27S R32E W.M.
 Section 11
 Tax Lot 200: 120.0 acres
 1" = 880 feet

G-17592

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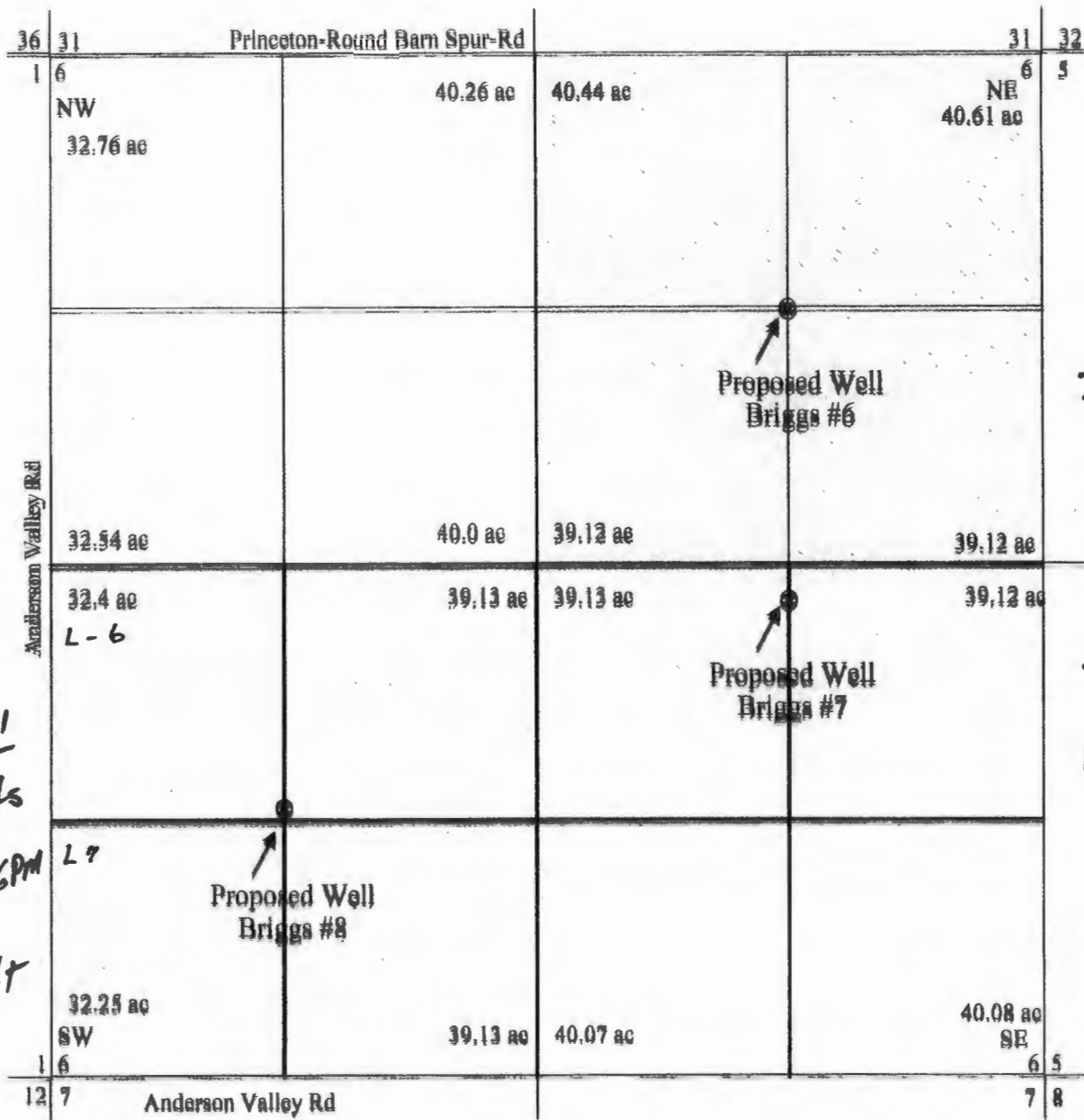
JAN 13 2014

SALEM, OR

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Briggs #6

To be located 1,320 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #7

To be located 2,790 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #8

To be located 1,320 feet North and 1,315 feet East of the SW corner of Section 6

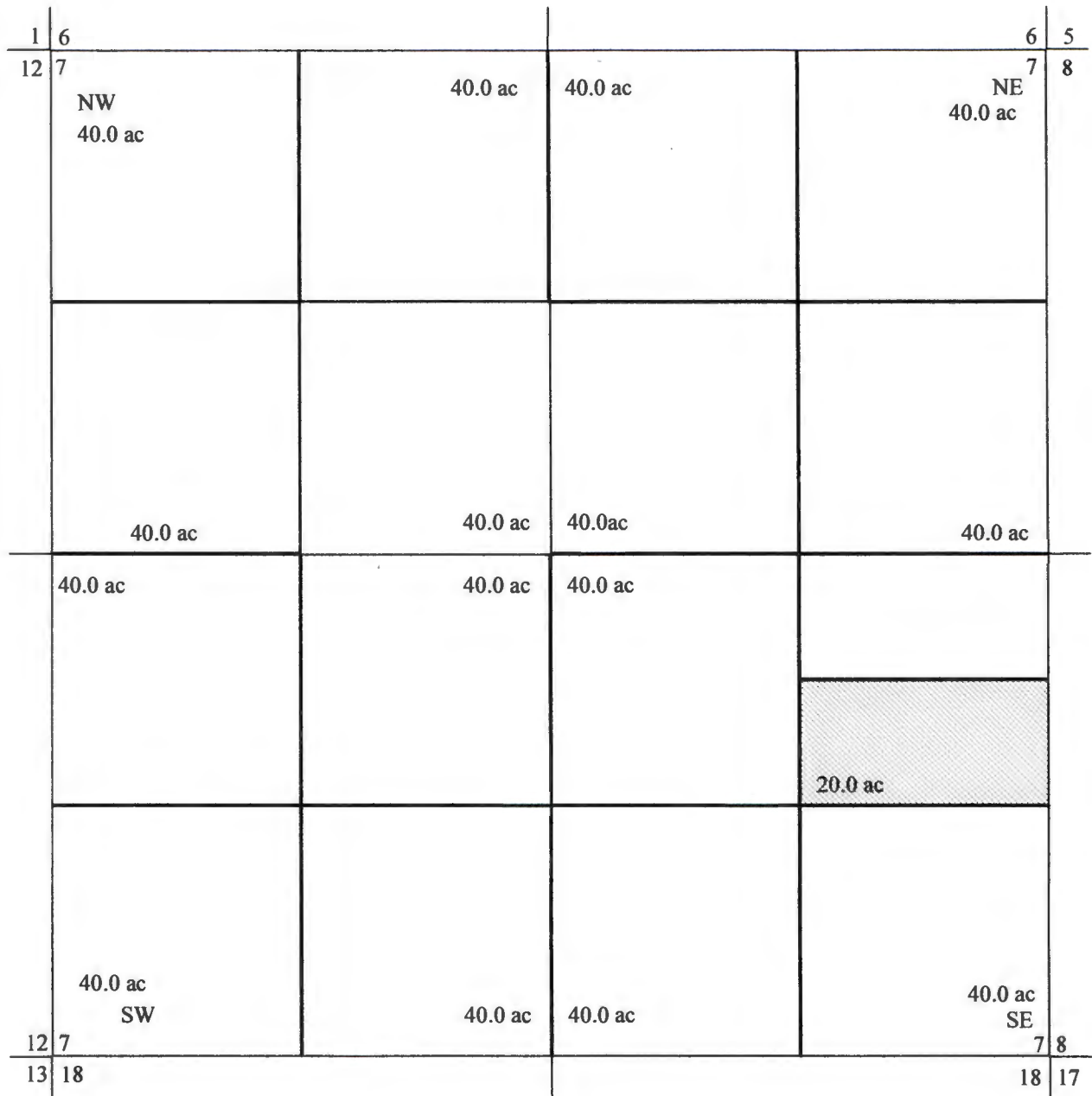
In T27S R34E W.M.
 Section 6: SW1/4 + NE1/4 + N1/2 SE1/4
 Tax Lot 700: 380.45 acres
 1" = 880 feet

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SALEM, OR

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 SALEM, OR~~



In T27S R34E W.M.
 Section 07
 Tax Lot 1201: 20.0 acres

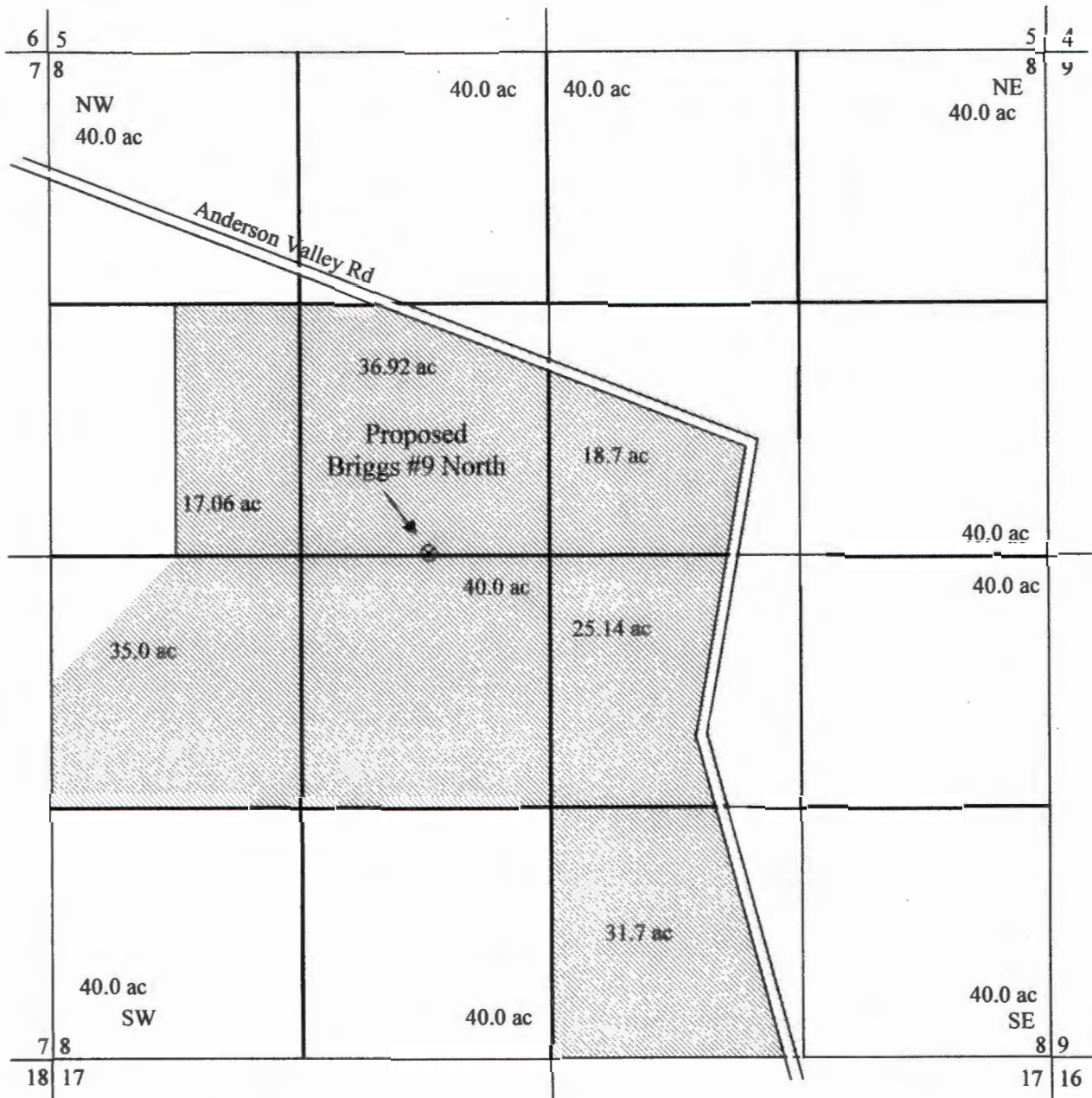
1" = 880 feet

G-17592

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DEC 19 2012

SALEM, OR



Briggs #9 North

To be located 2,640 feet South
and 2,000 feet East of the NW
corner of Section 8

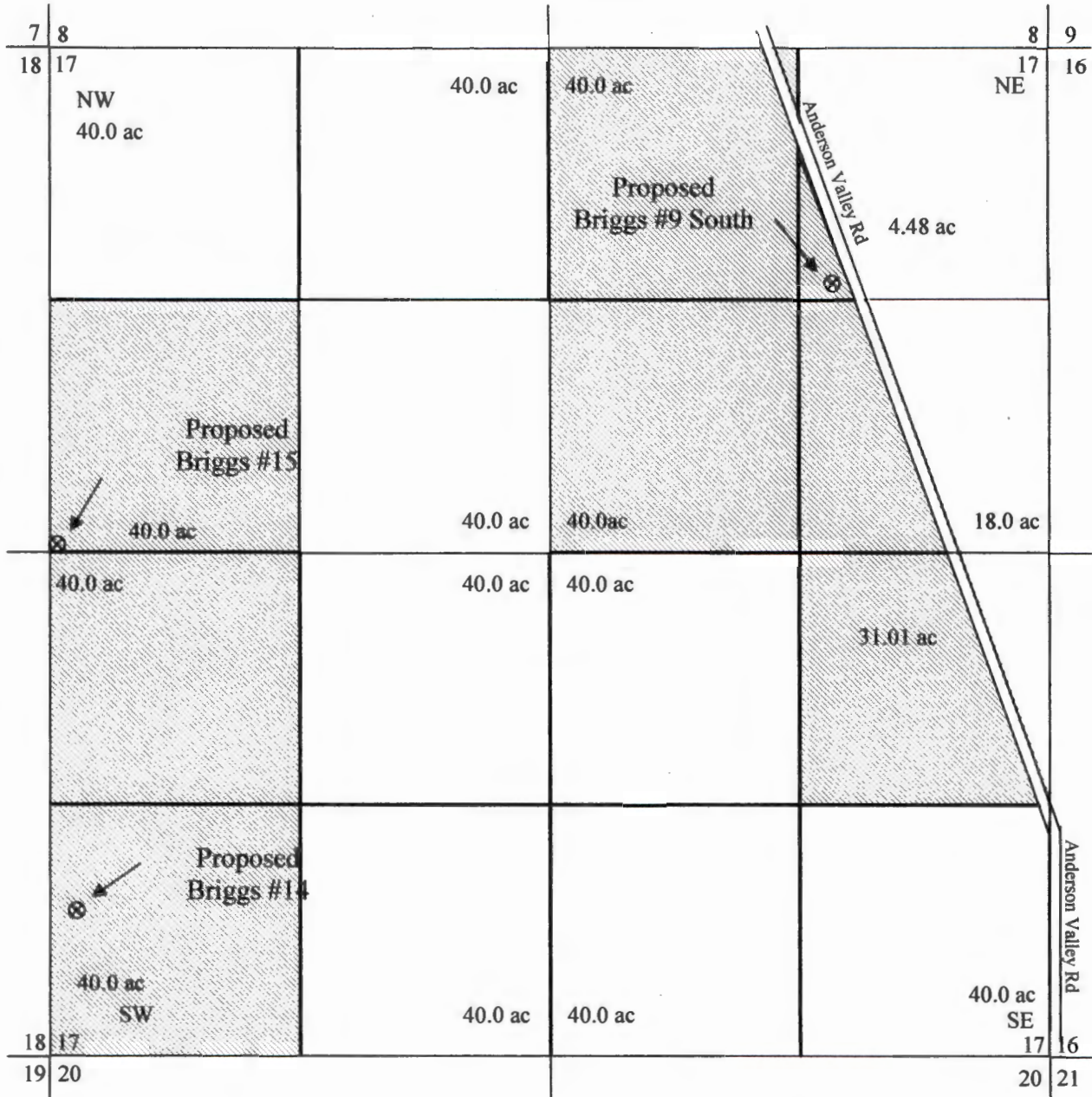
In T27S R34E W.M.
Section 08
Tax Lot 1201: 162.58 acres
Tax Lot 3000: 62.0
1" = 880 feet

G-17592

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DEC 19 2012

SALEM, OR



Briggs #14

To be located 770 feet North and 135 feet East of the SW corner of Section 17

Briggs #15

To be located 2,600 feet South and 30 feet East of the NW corner of Section 17

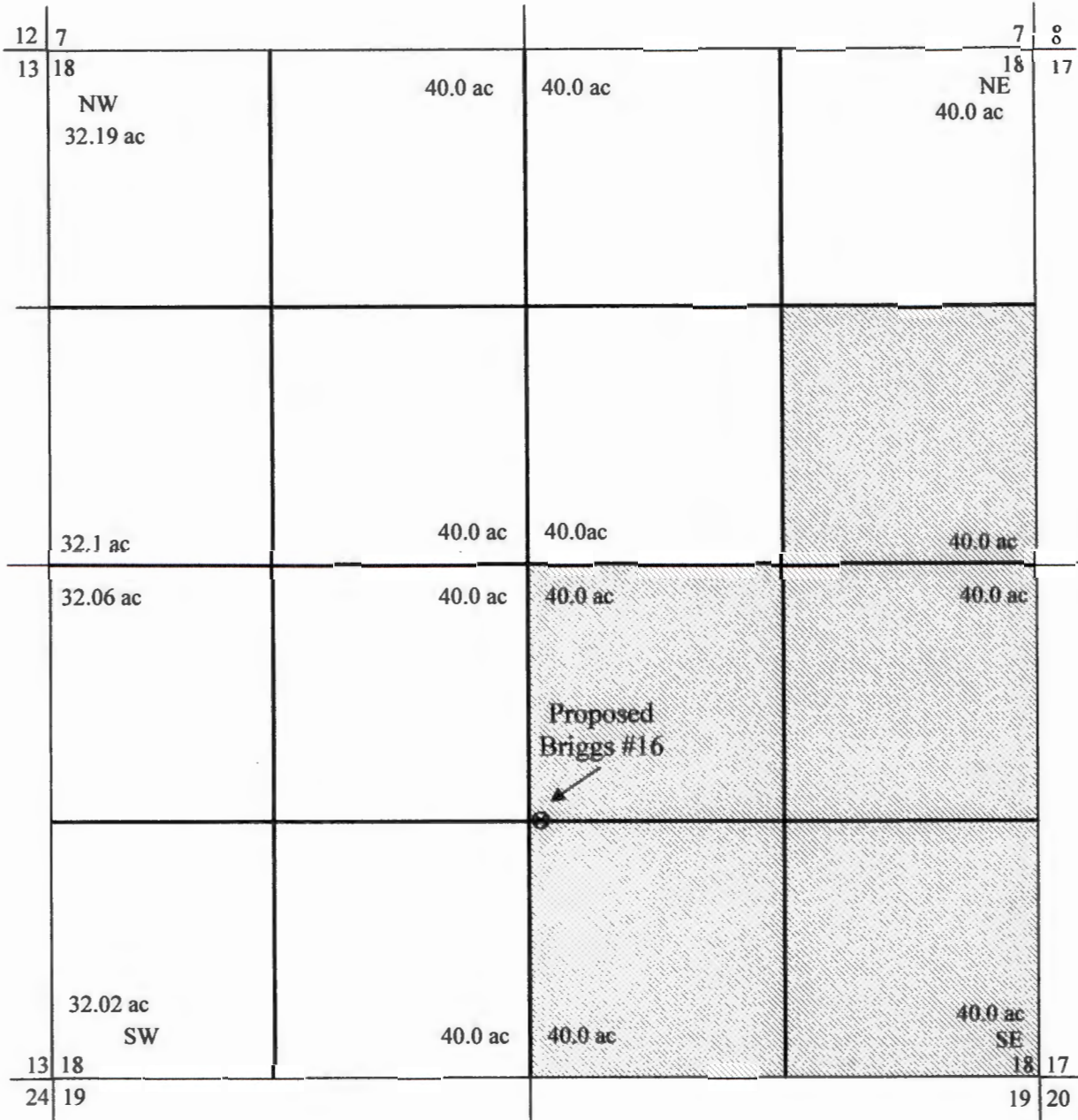
Briggs #9 South

To be located 1,250 feet South and 1,160 feet West of the NE corner of Section 17

In T27S R34E W.M.
 Section 17
 Tax Lot 3100: 120.0 acres
 Tax Lot 3000: 125.04
 1" = 880 feet

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DEC 19 2012



Briggs #16

To be located 1,320 feet North
and 2,630 feet West of the SE
corner of Section 18

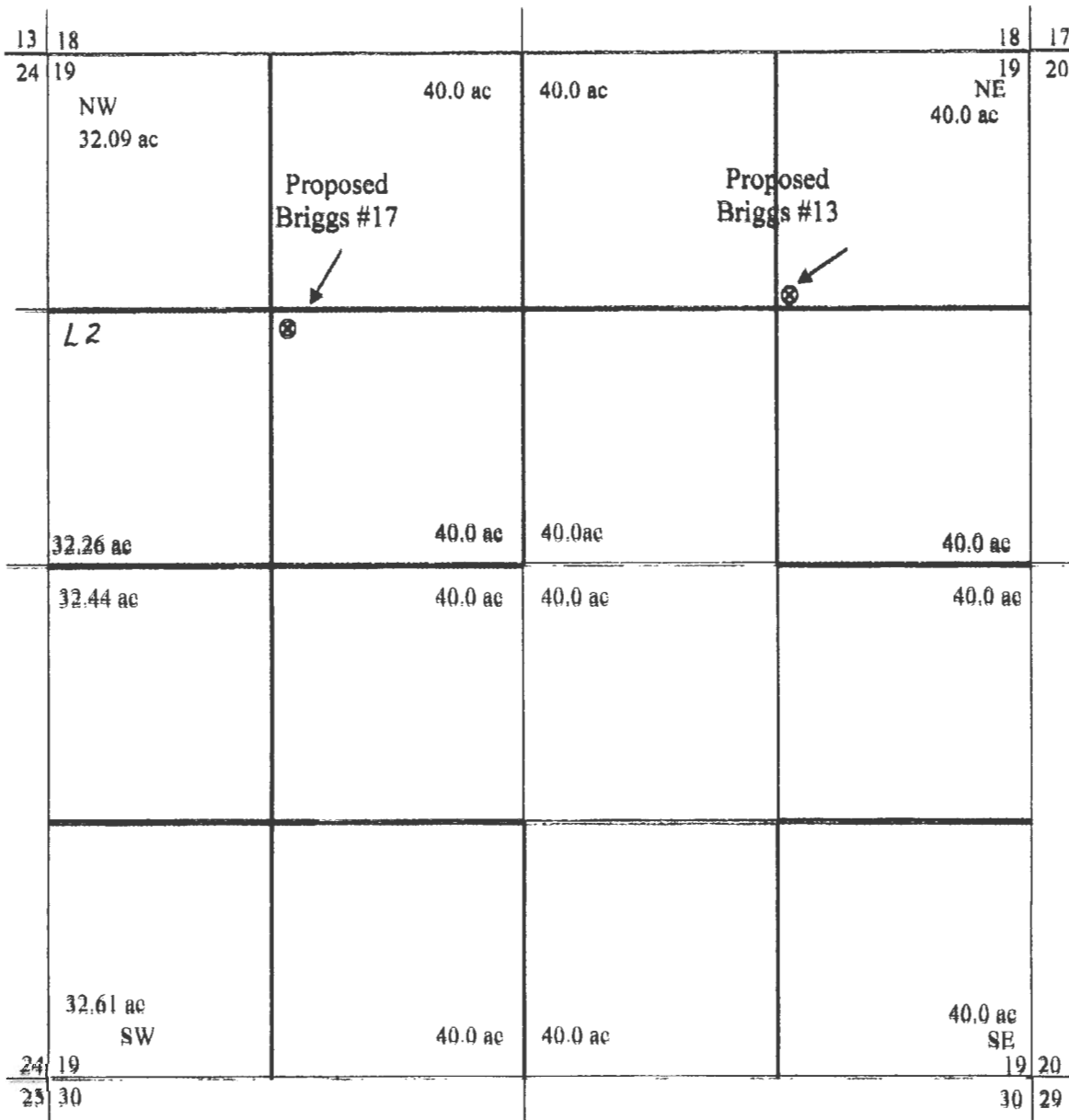
— In T27S R34E W.M.
Section 18
Tax Lot 3100: 200.0 acres
1" = 880 feet

G-17592

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OCT 26 2012

SALEM, OR



Briggs #13

To be located 1,310 feet South
and 1,310 feet West of the NE
corner of Section 19

Briggs #17

To be located ~~1,310~~ ^{1,400} *DLG* feet East
and 1,400 feet South of the
NW corner of Section 19

In T27S R34E W.M.
Section 19
Tax Lot 3100: 232.26 acres
1" = 880 feet

G-17592

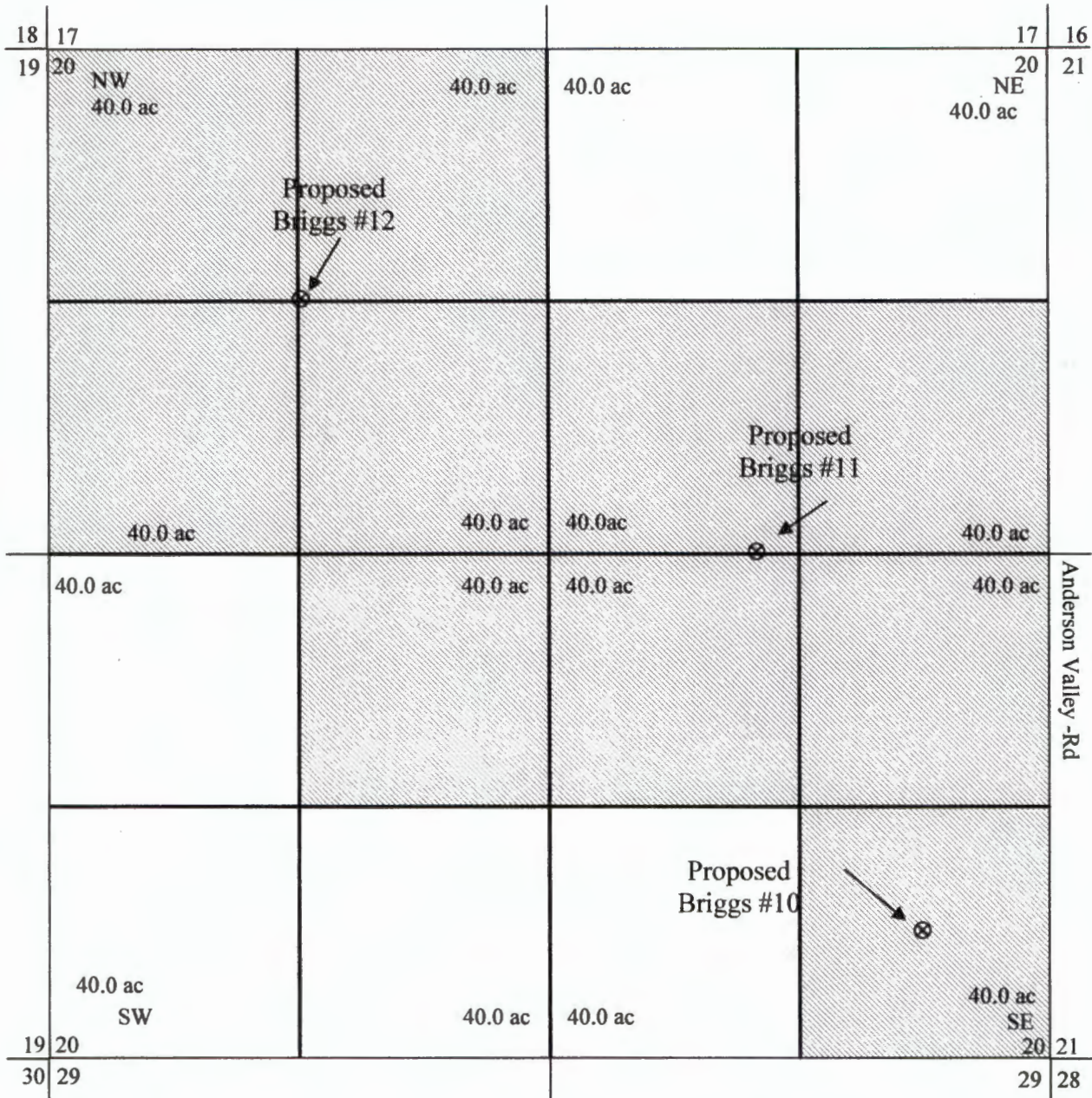
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JAN 13 2014

SALEM, OR
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~~DEC 19 2012~~

~~SALEM, OR~~



Briggs #10

To be located 660 feet North and 660 feet West of the SE corner of Section 20

Briggs #11

To be located 1,930 feet West and 2,640 feet North of the SE corner of Section 20

Briggs #12

To be located 1,320 feet South and 1,320 feet East of the NW corner of Section 20

— In T27S R34E W.M.
Section 20
Tax Lot 3100: 400.0 acres
1" = 880 feet

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OCT 26 2012

SALEM, OR

G-17592

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2/05/32E-10ad

1369
Harney

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

DEC 14 1987

(1) OWNER:

Name Fred Briggs
Address Box 582
City Lakeview State Oregon Zip

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 50 ft.
Yes No

Explosives used Type Amount

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	18	cement	0	18	10 sacks
12"	18	50				

How was seal placed: Method A B C D E
 Other

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Steel				Welded		Threaded	
					Steel	Plastic	Welded	Threaded	Welded	Threaded	Welded	Threaded
Casing	12"	+1	40	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 40'

(7) PERFORATIONS/SCREENS:

Perforations Method Factory cut
 Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
20'	40'	1/8x3/8	456	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
500	0	50	1 hr.

Temperature of water 54 Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Harney Latitude _____ Longitude _____
Township 26 S N or S, Range 32 E. E or W, WM.
Section 10 SE 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Approx. 35 miles SE of Burns, 1 mile N of Sod-house-Princeton rd.

(10) STATIC WATER LEVEL:

30 ft. below land surface. Date 11-6-87
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 25'

From	To	Estimated Flow Rate	SWL
25'	50'	500 gpm	10'

(12) WELL LOG:

Ground elevation 4100

Material	From	To	SWL
Soil	0	7	0
Rock, hard black	7	25	0
Rock, broken, W.R.	25	40	10
Cinders, red & black	40	50	10

RECEIVED BY OWRD
JAN 13 2014
SALEM, OR

Date started 11-2-87 Completed 11-6-87

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1251
Signed Harold Woodruff Date 12-1-87

RECEIVED

NOV 01 2001

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.

Instructions for completing this report are on the back of this form.

Harn
50707

WELL ID. # L 151722
START CARD # 130112

(1) LAND OWNER: Walheur National Wildlife Refuge
Name: Walheur National Wildlife Refuge
Address: 72 Box 245
City: Princeton State: OR Zip: 97721

(2) TYPE OF WORK:
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other public

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 111 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From	To	Material	From	To
12	0	30	ben-tonit	0	30
8	30	111			50 sacks

How was seal placed: Method A B C D E
 Other poured dry and tamped

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 8	+2	111	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type continuous Material stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
88	108	.020		8		<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
50	0	100	3 hr.

Temperature of water 55 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom Coffey Labs
Did any strata contain water not suitable for intended use? No Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 26S N or S Range 32E E or W. WM. _____
Section 35 SW 1/4 SE 1/4 _____
Tax Lot 100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Sod House Lane

(10) STATIC WATER LEVEL:
88 ft. below land surface. Date 9-5-01
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 88

From	To	Estimated Flow Rate	SWL
88	107	100	88

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
topsoil clay loam/cobbles	0	2	
clay yellow	2	5	
cinders multicolor/cobbles	5	25	
rock basalt blk	25	70	
clay/claystone yellow	70	86	
cinders blk	86	92	88
rock, basalt blk broken	92	100	88
cinders blk&brn	100	107	88
clay yellow claystone	107	111	88

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SEP 12 2001 JAN 13 2004
WATER RESOURCES DEPT. SALEM, OREGON SALEM, OR

Date started 8-21-01 Completed 9-5-01

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Timothy K. Ribey WWC Number 1424 Date 9-10-01

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL I.D. # L 57437
START CARD # 149472

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER
Name Bouyer - Peck Ranch LLC Well Number _____
Address PMB #182, 1701 Broadway
City Vancouver State WA Zip 98663

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 160 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
36"	0 20'	Cement	0 20'	4	yards
24"	21 160'				

How was seal placed: Method A B C D E
 Other packed
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 0 ft. to 115 ft. Size of gravel 1/2" max

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 24"	+1	20'	.150	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 16"	+1	114'	.150	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
75'	105'	50		16"	16"	<input type="checkbox"/>	<input type="checkbox"/>
Stainless Steel							
Screens from 75' 105'							

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
1020	15'	30'	6

Flowing Artesian

Temperature of water 54° Depth Artesian Flow Found _____
Was a water analysis done? No Yes By whom _____
Did any strata contain water not suitable for intended use? No Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: 30'

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 56 N or S Range 32 E or W. WM.
Section 35 SW 1/4 SE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) 2 1/2 mile west of old perimeter on Diamond Rd.

(10) STATIC WATER LEVEL:
15 ft. below land surface. Date 12-28-04
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 16'

From	To	Estimated Flow Rate	SWL
	16'	20 GPM	15'
77'	105'	1020 GPM	15'

(12) WELL LOG:
Ground Elevation 4000'

Material	From	To	SWL
Top Soil	0	3	
Brown Clay	3	22	
Gray Clay	22	77	15'
Sand Star Clay	77	105	15'
Brown Clay & Shale	105	145	15'
Gray Clay	145	160	

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JAN 13 2014

WATER RESOURCES DEPT SALEM, OREGON

SALEM, OR

Date started 9-19-04 Completed 12-28-04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed _____ WWC Number 1363 Date 1-25-05

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Kenneth E. Smith WWC Number 1752 Date 1-25-05

10
STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

Harney 2000
HARN 2000

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26S/33E/30N

WATER RESOURCES DEPT (START CARD) # 49111
SALEM, OREGON

(1) OWNER: Well Number _____
Name Jack Fitch
Address HC 73 752 Buchanan RD
City Burns State OR Zip 97720

(9) LOCATION OF WELL by legal description:
County Harney Latitude _____ Longitude _____
Township 26 S N or S, Range 33 E E or W, WM.
Section 30 NW ¼ NE ¼
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Voltage RD

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon
(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable
 Other _____

(10) STATIC WATER LEVEL:
25 ft. below land surface. Date 7-28-93
Artesian pressure _____ lb. per square inch. Date _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other _____

(11) WATER BEARING ZONES:
Depth at which water was first found 25

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 80 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount		
Diameter	From	To	Material	From	To	sacks or pounds
<u>16</u>	<u>0</u>	<u>18</u>	<u>cement</u>	<u>0</u>	<u>18</u>	<u>14 sacks</u>
<u>12</u>	<u>18</u>	<u>20</u>				

From	To	Estimated Flow Rate	SWL
<u>25</u>	<u>80</u>	<u>900</u>	<u>25</u>

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(12) WELL LOG: Ground elevation _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
<u>12</u>	<u>+1</u>	<u>20</u>	<u>.250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Material	From	To	SWL
<u>topsoil sandy loom</u>	<u>0</u>	<u>2</u>	
<u>sand fine, brn</u>	<u>2</u>	<u>6</u>	
<u>clay yellow</u>	<u>6</u>	<u>12</u>	
<u>rock basalt solid</u>	<u>12</u>	<u>25</u>	
<u>rock, red broken</u>	<u>25</u>	<u>40</u>	<u>22</u>
<u>rock, blk, broken</u>	<u>40</u>	<u>53</u>	<u>22</u>
<u>rock, grey, broken</u>	<u>22</u>	<u>80</u>	<u>22</u>

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WATER RESOURCES DEPT.
SALEM, OREGON RECEIVED BY OWRD

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Final location of shoe(s) _____
(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

Date started 7-21-93 Completed 7-28-93

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 100 Drawdown 0 Drill stem at _____ Time 1 hr.

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____
Date _____

Temperature of Water 54 Depth Artesian Flow Found _____
Was a water analysis done? Yes No By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Timothy R. Reddy WWC Number 1424
Date 8-4-93

STATE OF OREGON

COUNTY OF HARNEY

CERTIFICATE OF WATER RIGHT

This Is to Certify, That JOHN or GEORGIA CROW

of 86 South Fir, Burns, State of Oregon, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of Well No. 1

a tributary of Malheur Lake for the purpose of irrigation of 75.53 acres

under Permit No. O-1163 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from October 2, 1959

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.94 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the SW 1/4 NE 1/4, Section 1, T. 27 S., R. 31 E., W. M. Well located 15 1/2 feet South and 21 feet East from the North quarter corner of Section 1

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 3 acre feet per acre for each acre irrigated during the irrigation season of each year,

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

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

BY 1955 33 40.53 acres Lot 2 (NW 1/4 NE 1/4) 35.00 acres SW 1/4 NE 1/4 Section 1 T. 27 S., R. 31 E., W. M.

This certificate is issued to correct & supersede the water right certificate recorded in State Record of Water Right Certificates, Volume 24, page 32083, so as to correctly show the quantity of water.

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The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affirmed

this date. August 9, 1965

CHRIS L. WHEELER

State Engineer

Recorded in State Record of Water Right Certificates, Volume 24, page 32394

MALHEUR NATIONAL WILDLIFE REFUGE

SECTION 36
T. 26 S., R. 31 E.

SECTION 31
T. 26 S., R. 32 E.

SECTION 1
T. 27 S., R. 31 E.

SECTION 6
T. 27 S., R. 32 E.

PLAT FOR APPLICATION
FOR
GROUND WATER APPROPRIATION



HARNEY COUNTY, OREGON

PROPERTY
OF

JOHN and GEORGIA CROW
PRINCETON, OREGON

Site of
○ VOLTAGE P.O.

LEGEND

- Fence Lines 
- Existing Ditch Lines 
- Ditch Lines Planned 
- Irrigable Land Area 

Data for this plat from property owners

Drawn 9-26-99 by M.A. Palmer

IRRIGABLE ACREAGES

T. 26 S., R. 32 E. Sec. 31	SESW	40 acres
	SWSE	10
T. 27 S., R. 31 E. Sec. 1	Lot 1	40.18
	Lot 2	40.53
	SWNE	34
T. 27 S., R. 32 E. Sec. 6	Lot 3	33.52
	Lot 4	28.55

TOTAL 227.58 acres

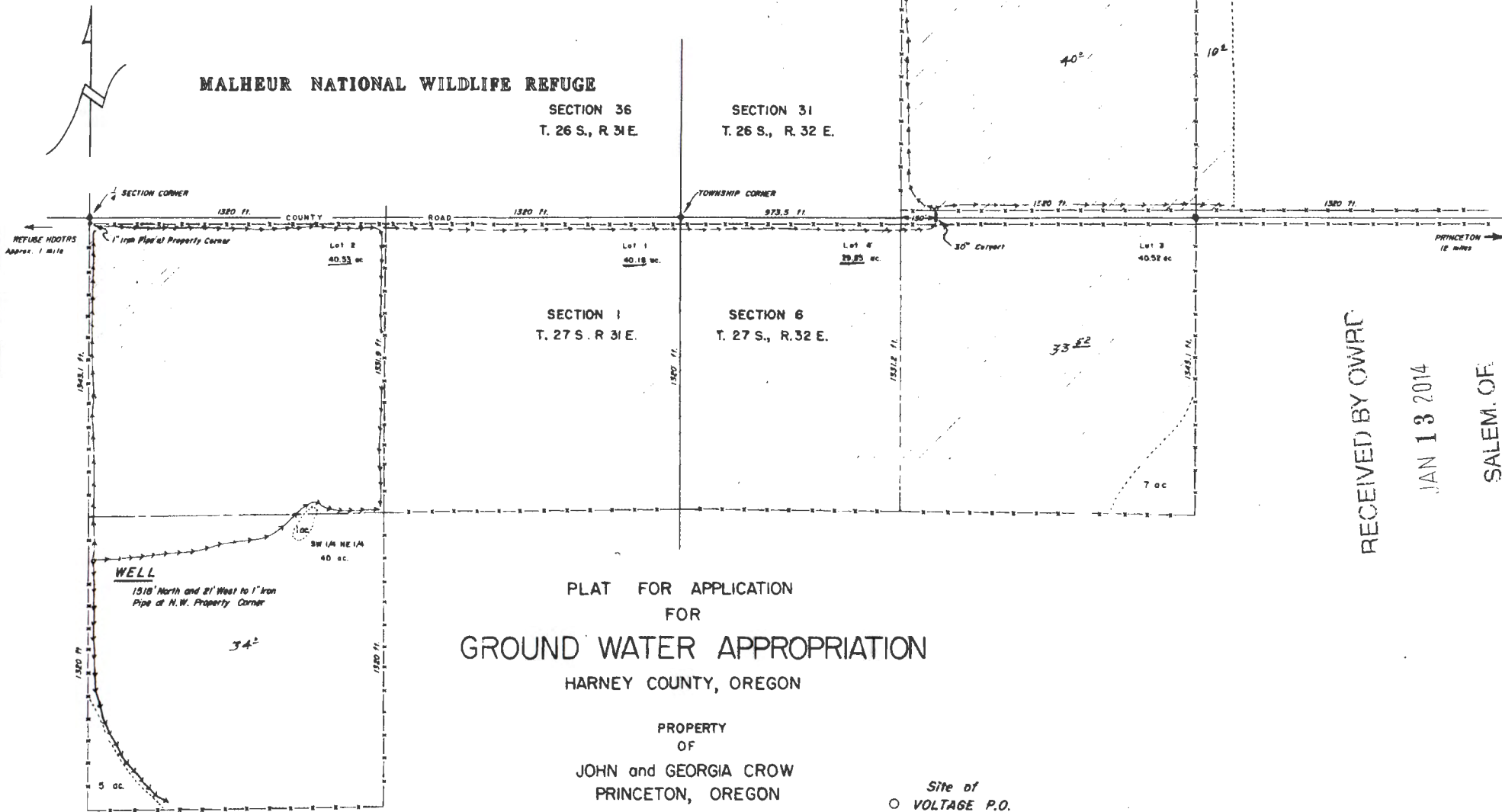
Note - County Road Rights of Way Included in above acreages

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JAN 13 2014

SALEM, OR

Application No. C-1593
Permit No. C-1463



STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

FRED H. AND BETTY R. BRIGGS
P.O. BOX 582
LAKEVIEW, OREGON 97630

PHONE: (503) 947-3367

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

APPLICATION FILE NUMBER: G-12928

SOURCE OF WATER: A WELL IN THE DONNER & BLITZEN RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 131.0 ACRES

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RATE OF USE: 1.64 CUBIC FOOT PER SECOND

PERIOD OF ALLOWED USE: MARCH 1 THROUGH OCTOBER 31

JAN 13 2014

DATE OF PRIORITY: MAY 21, 1992

SALEM OF

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 10, T27S, R32E, W.M.; 1255 FEET SOUTH & 70 FEET WEST FROM NE CORNER, SECTION 10

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:

<i>Briggs 21</i>	SW 1/4 SW 1/4	8.3 ACRES
	SECTION 2	
<i>Briggs 18</i>	SE 1/4 SE 1/4	14.8 ACRES
	SECTION 3	
	NE 1/4 NE 1/4	32.7 ACRES
<i>Briggs 20</i>	SE 1/4 NE 1/4	30.6 ACRES
	NE 1/4 SE 1/4	3.6 ACRES
	SECTION 10	
	NW 1/4 NW 1/4	18.8 ACRES
<i>Briggs 20</i>	SW 1/4 NW 1/4	19.7 ACRES
	NW 1/4 SW 1/4	2.5 ACRES
	SECTION 11	
	TOWNSHIP 27 SOUTH, RANGE 32 EAST, W.M.	

*All from
Briggs #20*

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.

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.

Application G-12928 Water Resources Department

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PERMIT G-12262

JAN 13 2014

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 January 26, 1996


Water Resources Department
Martha O. Pagel
Director

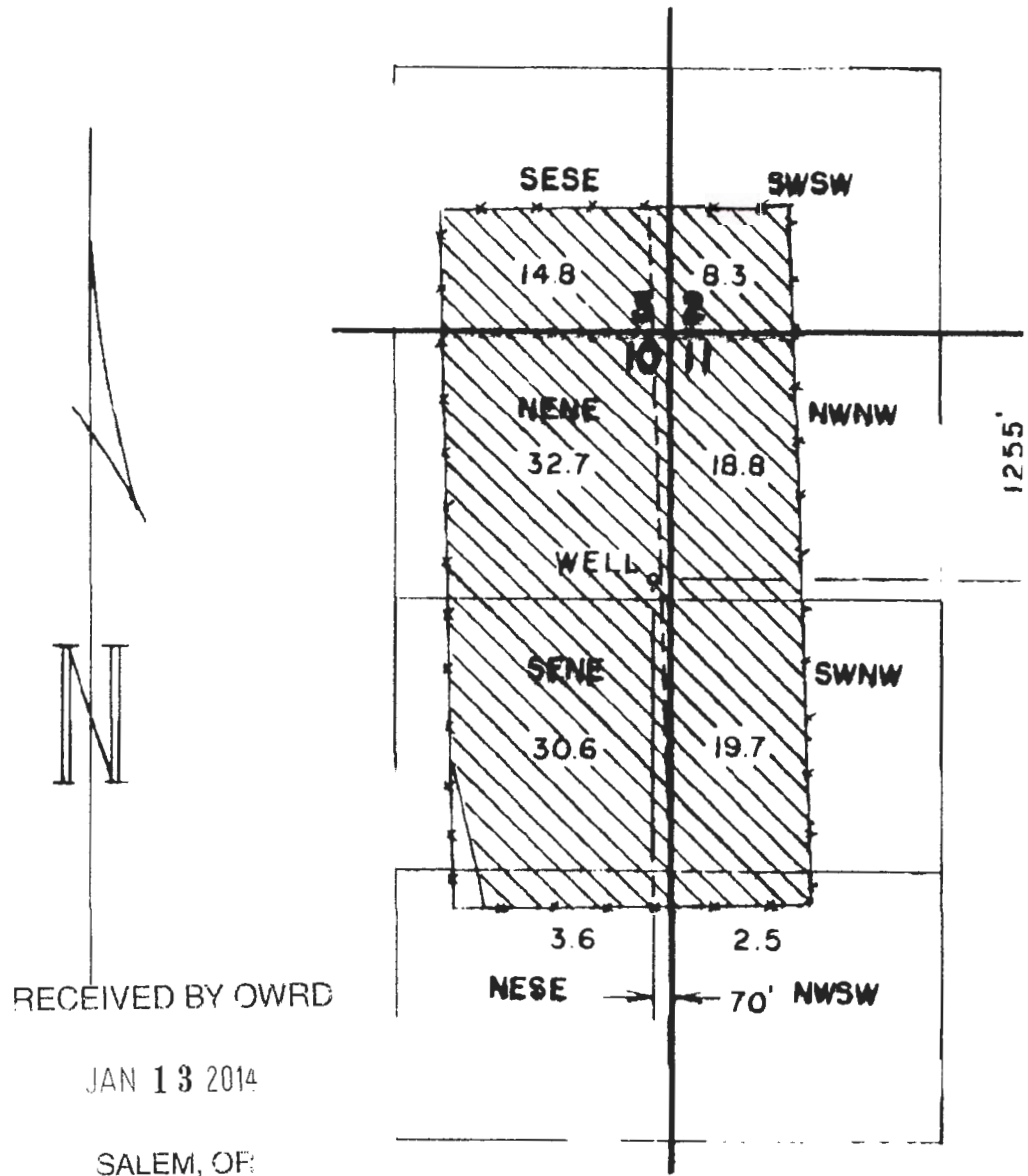
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Application G-12928 Water Resources Department PERMIT G-12262
Basin 12 Volume 1A Donner & Blitzen River & Misc. District 10
DLB MGMT.CODE

T. 27 S., R. 32 E.



THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP.

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-12928

Final Order
Extension of Time for Permit Number G-12262

Appeal Rights

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

On DECEMBER 13, 2002, FRED H. AND BETTY R. BRIGGS submitted an application to the Department for an extension of time for permit number G-12262. The Department issued permit number G-12262 on JANUARY 26, 1996. The permit called for completion of construction by OCTOBER 1, 1998, and complete application of water to beneficial use by OCTOBER 1, 1999. In accordance with OAR 690-315-0050(2), on NOVEMBER 22, 2005, the Department issued a Proposed Final Order proposing to extend the time to complete construction of the water development project to OCTOBER 1, 2006, and the time to fully apply water to beneficial use to OCTOBER 1, 2006. The protest period closed JANUARY 6, 2006, in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to no additional conditions.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Order

The extension of time for Application Number G-12928, Permit Number G-12262, therefore, is approved. The deadline for completing construction is extended to OCTOBER 1, 2006. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2006.

DATED: May 4, 2006


Phillip C. Ward, Director

If you have any questions about statements contained in this document, please contact Ann L. Reece at (503) 986-0808.

If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900.

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

FRED H. AND BETTY R. BRIGGS
P.O. BOX 582
LAKEVIEW, OREGON 97630

PHONE: (541) 947-3667

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

APPLICATION FILE NUMBER: G-12926

SOURCE OF WATER: TWO WELLS IN THE DONNER UND BLITZEN RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 354.7 ACRES

MAXIMUM RATE: 4.43 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MAY 21, 1992

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, NE 1/4 NW 1/4, SECTION 6, T27S, R32E, W.M.; WELL 1 - 125 FEET SOUTH AND 915 FEET WEST FROM THE NE CORNER OF SECTION 6; WELL 2 - 1280 FEET SOUTH AND 1 FOOT WEST FROM THE N 1/4 CORNER OF SECTION 6

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.

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THE PLACE OF USE IS LOCATED AS FOLLOWS:

SE 1/4 SW 1/4 40.0 ACRES
NE 1/4 SE 1/4 15.6 ACRES
SW 1/4 SE 1/4 35.0 ACRES
SE 1/4 SE 1/4 28.9 ACRES
SECTION 31

JAN 13 2014

SALEM, OR

SW 1/4 SW 1/4 40.0 ACRES
SECTION 32

TOWNSHIP 26 SOUTH, RANGE 32 EAST, W.M.

*BRIGGS
33*

NE 1/4 NE 1/4 40.1 ACRES
SECTION 1

TOWNSHIP 27 SOUTH, RANGE 31 EAST, W.M.

Application G-12926 Water Resources Department

PERMIT G-12938

NE 1/4 NW 1/4	20.0 ACRES
NW 1/4 NW 1/4	30.5 ACRES
SE 1/4 NW 1/4	7.3 ACRES

SECTION 5

NE 1/4 NE 1/4	9.2 ACRES
NW 1/4 NE 1/4	18.1 ACRES
- NE 1/4 NW 1/4	40.5 ACRES
- NW 1/4 NW 1/4	29.5 ACRES

SECTION 6

TOWNSHIP 27 SOUTH, RANGE 32 EAST, 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 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.

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.

Application G-12926 Water Resources Department PERMIT G-12938

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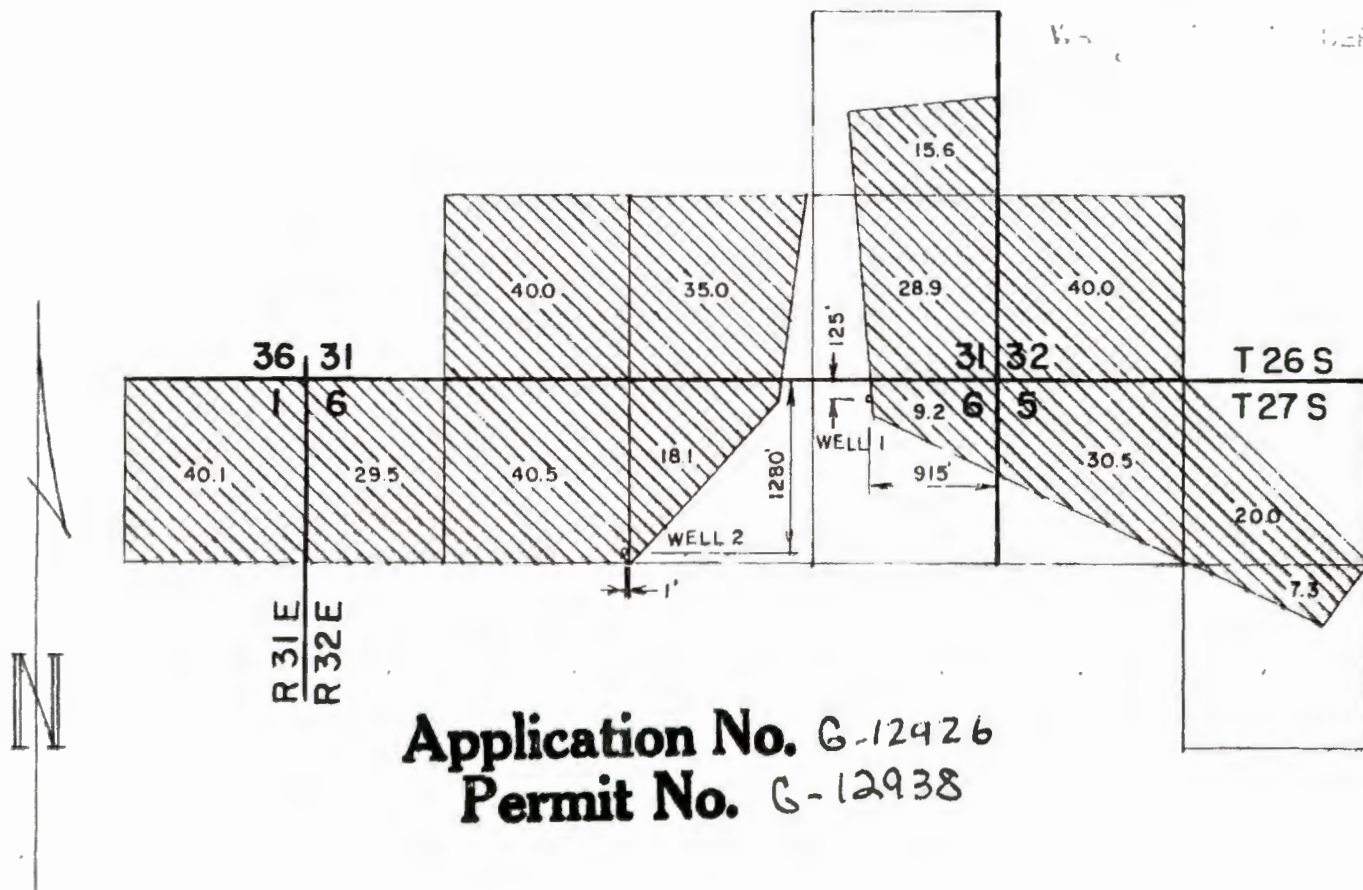
JAN 13 2014

SALEM, OR

T.26 S., T.27 S., R.31 E., R.32 E., W.M.

MAY 21 1992

W. A. PALMER & SONS, INC.



Application No. G-12926
Permit No. G-12938

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JAN 13 2014

SALEM, OR

THE PURPOSE OF THIS MAP IS TO
IDENTIFY THE LOCATION OF THE
WATER RIGHT. IT IS NOT INTENDED
TO BE A SUBSTITUTE FOR A SURVEY
TO THE LOCATION OF PROPERTY
BOUNDARIES.

	FRED BRIGGS		LAKEVIEW, OR	
	WATER RIGHT APPLICATION MAP			
	Scale: 4" = 1 mile	Date: Apr 1992	Job: 1393 C	
	Dsn:		Sht. No.	
	Drn: Chris		of 1	
Ckd:	M. A. PALMER & SONS, INC. ENGINEERING & SURVEYING 254 N. Alder - Box 61 Burns, Oregon 97720			

10

Handwritten: HARM 1892

AUG 15 1991

Handwritten: most likely well #1

Handwritten: 265/325/3/d/d

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

WATER RESOURCES DEPT.
 SALEM, OREGON

(START CARD) # 20914

(1) OWNER: Well Number: _____
 Name Fredd Briggs
 Address HC 72 Box 158
 City Princeton State OR Zip 97721

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 36 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
16'	0' 20'	Cement	0' 20'	4 sacks

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
12"	+2	20'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Final location of shoe(s): _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
20	30	1/8"	192	12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
1000	2"		1 hr.

Temperature of water 68° Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Harmy Latitude 43 Longitude _____
 Township 26 North Range 32 W. W.M.
 Section 31 S.E. 1/4 S.E. 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
10 ft. below land surface. Date 7/20/91
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 30'

From	To	Estimated Flow Rate	SWL
30'	35'	1,000 gal/min	10'

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Soil	0'	5'	8'
Grey Rock	5'	30'	8'
Black cinder (W.B)	30'	36'	10'

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 JAN 13 2014
 SALEM, OR

Date started 7/15/91 Completed 7/20/91

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 Signed Dan Woodruff WWC Number 1500
 Date 7-20-91

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above, all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
 Signed Dan Woodruff WWC Number 1254
 Date 7-20-91

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-12926

Final Order
Extension of Time for Permit Number G-12938

Appeal Rights

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

On DECEMBER 13, 2002, FRED H. AND BETTY R. BRIGGS submitted an application to the Department for an extension of time for permit number G-12938. The Department issued permit number G-12938 on OCTOBER 29, 1996. The permit called for completion of construction by OCTOBER 1, 1998, and complete application of water to beneficial use by OCTOBER 1, 1999. In accordance with OAR 690-315-0050(2), on NOVEMBER 22, 2005, the Department issued a Proposed Final Order proposing to extend the time to complete construction of the water development project to OCTOBER 1, 2006, and the time to fully apply water to beneficial use to OCTOBER 1, 2006. The protest period closed JANUARY 6, 2006, in accordance with OAR 690-315-0060(1). No protest was filed.

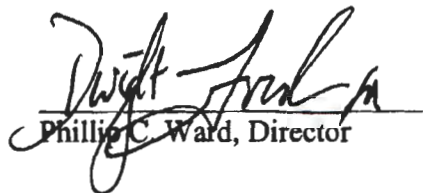
At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to no additional conditions.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Order

The extension of time for Application Number G-12926, Permit Number G-12938, therefore, is approved. The deadline for completing construction is extended to OCTOBER 1, 2006. The deadline for applying water to full beneficial use is extended to OCTOBER 1, 2006.

DATED: May 4, 2006


Phillip C. Ward, Director

If you have any questions about statements contained in this document, please contact Ann L. Reece at (503) 986-0808.

If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900.

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JAN 13 2014

SALEM, OR

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 90 days from the date
of well completion.

RECEIVED WATER WELL REPORT

JUL 26 1977

WATER RESOURCES DEPT

State Well No. 275/346-150

State Permit No. _____

(10) LOCATION OF WELL:

County HARNEY Driller's well number W.
Centerline No. 1/4 Section 15 T. 27S R. 34E W.M.
Bearing and distance from section or subdivision corner 132.0 FT
SO. + 132.0 FT E. OF N.W. CORNER OF
SEC. 15

(11) WATER LEVEL: Completed well.

Depth at which water was first found 40 ft.
Static level 2-6 ft. below land surface. Date 6-15-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 1 1/2"
Depth drilled 150 ft. Depth of completed well 150 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
W. B. SAND FINE	0	4	
RED CLAY	4	31	
GREEN CLAY	31	40	
HARNEY COUNTY BK SAND	40	62	40
GREEN CLAY	62	95	
RED CLAY CONG. W/SH	95	105	30
VERY COARSE MULTICOLORED			
GRAVEL	105	150	20

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JAN 13 2014

SALEM, OR

Work started 6-14 19 77 Completed 6-15 19 77

Date well drilling machine moved off of well 6-15 19 77

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] W. D. Walker Date 6-30, 19 77
(Drilling Machine Operator)

Drilling Machine Operator's License No. 864

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 W. D. Walker & Son
(Person, firm or corporation) (Type or print)

Address 538 W. Highland Road

[Signed] W. D. Walker
(Water Well Contractor)

Contractor's License No. 408 Date 7/24, 19 77

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.

RECEIVED WATER WELL REPORT

JUL 26 1977 STATE OF OREGON (Please type or print)

State Well No. 275/346-1600

State Permit No.

1506 Max

WATER RESOURCES DEPT. SALEM, OREGON

(1) OWNER:

Name: FRED BRIGGS, Address: P.O. Box 582, Lakewood, OR, 97637

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

(4) PROPOSED USE (check):

Rotary [X] Driven [] Cable [] Jetted [] Dug [] Bored [] Domestic [] Industrial [] Municipal [] Irrigation [X] Test Well [] Other []

(5) CASING INSTALLED:

10" Diam. from 1/4" ft. to 100 ft. Gage 1220

(6) PERFORATIONS:

Perforated? [] Yes [X] No. Type of perforator used: Size of perforations in. by in.

(7) SCREENS:

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

900 gal./min. with 60 ft. drawdown after 2 hrs. Artesian flow g.p.m. Temperature of water SP Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used: PORTLAND CEMENT 1-2 Well sealed from land surface to -20 ft. Diameter of well bore to bottom of seal 13-2 in.

Was a drive shoe used? [] Yes [X] No Plugs Size: location ft. Did any strata contain unusable water? [] Yes [X] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number W NE 1/4 NE 1/4 Section 16 T. 27S R. 34E W.M. Bearing and distance from section or subdivision corner 15' 50. x 100' W N.E. Corner of SEC. 16

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft. Static level 20 ft. below land surface. Date 6-16-77 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8 3/4 Depth drilled 200 ft. Depth of completed well 200 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: BRN SANDY SOIL, TAN CLAY, BRN CLAY, GREEN CLAY GRANULAR W/B, BRN CLAY, GREEN CLAY GRANULAR W/B, BLK CLAY W/B, GREEN CLAY W/B, DARK GRN CLAY + BLK SANDSTN, " " " CONGL. W/B, " " " CLAY SPD, " " " SOFT. SAND, GRN CLAY GRANULAR W/B

Work started 6-SALEM, OR 1977 Completed 6-16 1977 Date well drilling machine moved off of well 6-17 1977

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] W.D. Williams Date 6-30, 1977 (Drilling Machine Operator)

Drilling Machine Operator's License No. 864

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 J.H. Willis Co. Inc. (Person, firm or corporation) (Type or print)

Address 538 W. Highland Regress

[Signed] Forest Hall (Water Well Contractor)

Contractor's License No. 488 Date 7/26 1977

NOV 23 1988

Briggs #34

28/32/106

STATE OF OREGON WATER WELL REPORT (as required by ORS 687.765)

WATER RESOURCES DEPT. SALEM, OREGON

(START CARD) # 5237

1460 Horn

(1) OWNER: Name Fred Briggs, Address Rox 582, City Lakeview, State Or., Zip

(2) TYPE OF WORK: [X] New Well, [] Deepen, [] Recondition, [] Abandon

(3) DRILL METHOD: [X] Rotary Air, [] Rotary Mud, [] Cable, [] Other

(4) PROPOSED USE: [] Domestic, [] Community, [] Industrial, [X] Irrigation & stock, [] Thermal, [] Injection, [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No, Depth of Completed Well 35 ft., Explosives used [] Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds

How was seal placed: Method [] A [] B [X] C [] D [] E, Backfill placed from ft. to ft., Material, Gravel placed from ft. to ft., Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s) 25

(7) PERFORATIONS/SCREENS: NO, [] Perforations Method, [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour, [] Pump, [] Bailer, [X] Air, [] Flowing, [] Artesian, Yield gal/min, Drawdown, Drill stem at, Time

Temperature of water 51, Depth Artesian Flow Found, Was a water analysis done? [] Yes By whom, Did any strata contain water not suitable for intended use? [] Too little, [] Salty [] Muddy [] Odor [] Colored [] Other, Depth of strata

(9) LOCATION OF WELL by legal description: County Harney, Latitude, Longitude, Township 27 S, N or S, Range 31 E, E or W, WM, Section 1, NW, NE, Tax Lot 100, Lot, Block, Subdivision, Street Address of Well (or nearest address) 35 miles S of Burns near Sodhouse-Princeton Rd at Briggs ranch

(10) STATIC WATER LEVEL: 12 ft. below land surface, Date 11-10-88, Artesian pressure lb. per square inch, Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground elevation 4150, Table with columns: Material, From, To, SWL

Date started 11-7-88 Completed 11-10-88

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief. WWC Number, Signed, Date

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief. WWC Number 1254, Signed Hardy Woodruff, Date 11-10-88

RECEIVED

Briggs 28

27S/32E-10a

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

DEC 14 1987

WV 1471

(1) OWNER: Fred Briggs WATER RESOURCES DEPT. SALEM, OREGON

(9) LOCATION OF WELL by legal description: County Harney, Township 27S, Range 32 E, Section 10, NE 1/4, Street Address of Well (or nearest address) Approx. 3.5 miles SE of Burns, 1 1/2 miles S. of Sod-house-Princeton road.

(2) TYPE OF WORK: [X] New Well [] Deepen [] Recondition [] Abandon

(10) STATIC WATER LEVEL: 40 ft. below land surface. Date 11-12-87

(3) DRILL METHOD [X] Rotary Air [] Rotary Mud [] Cable [] Other

(11) WATER BEARING ZONES: Depth at which water was first found 90

(4) PROPOSED USE: [] Domestic [] Community [] Industrial [X] Irrigation [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No [] [X] Depth of Completed Well 100 ft.

Table with 4 columns: From, To, Estimated Flow Rate, SWL. Row 1: 90, 100, 500 gpm, 45

Table with 7 columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Row 1: 16", 0, 18, cement, 0, 18, 10 sacks

(12) WELL LOG: Ground elevation 4150

How was seal placed: Method [] A [] B [X] C [] D [] E

Table with 4 columns: Material, From, To, SWL. Rows: Soil (0-10), Clay, brn (10-26), Rock, hard black (26-90), Cinders, red & black, W-B (90-100)

(6) CASING/LINER: Diameter 12", From +1, To 32, Gauge .250

Date started 11-7-87 Completed 11-10-87

Table with 8 columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 12", +1, 32, .250, [X], [], [X], []

(7) PERFORATIONS/SCREENS: No

Table with 8 columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards.

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [] Bailer [X] Air [] Flowing Artesian

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above.

Yield gal/min 500, Drawdown 0, Drill stem at 100, Time 1 hr.

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OCT 2 1959

Briggs 33

1461
Hard

27/31-15 G(1)

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

STATE ENGINEER WATER WELL REPORT
SALEM, OREGON STATE OF OREGON

G1593

State Well No.

State Permit No.

(1) OWNER:

Name John Crow

Address Princeton Oregon

(2) LOCATION OF WELL:

County HAMMETT Owner's number, if any—
1/4 Section 1 T. 27 R. 318 E.W.M.

Bearing and distance from section or subdivision corner

From NW corner of Section 1, T. 27 S. R. 31 E. W. M. 1/4 Sec. 15 1/2 S. 21' East.

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal Rotary Driven
Irrigation Test Well Other Cable Jetted
Dug Bored

(5) TYPE OF WELL:

(6) CASING INSTALLED: Threaded Welded
12" Diam. from 0 ft. to 16 ft. Gage 4
" Diam. from ft. to ft. Gage 4
" Diam. from ft. to ft. Gage

(7) 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.

(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:

Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? Duff Depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level 12'-4" ft. below land surface Date
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] John Crow (Owner) Date Sept. 9, 1959

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Crow
Yield: 1400 gal./min. with 9 ft. drawdown after 8 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 12" inches.
Depth drilled 118 ft. Depth of completed well 118 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	0	5
Hard pan	5	12
Grey basalt rock	12	71
Red cinders	71	99
Black lava rock	99	103
Black cinders	103	110
yellow bentonite	110	118

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SALEM, OR

Work started July 18 1959 Completed Sept 5 1959

(13) PUMP:

Manufacturer's Name Bey Play 8" Column
Type: belt head H.P.

Well Driller's Statement:

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

NAME John Crow (Person, firm, or corporation) (Type or print)

Address Princeton Ave.

Driller's well number

[Signed] John W. Popsberg (Well Driller)

License No. 272 Date Sept 9, 1959

STATE ENGINEER
Salem, Oregon

State Well No. 27/31-16(1)
County HARNEY
Application No. G1593

Water Level Record

OWNER: John Crow OWNER'S NO. _____

Description of measuring point: Lip of access pipe at LSD.

Date	Water Level Feet (above) Land Surface	Remarks	Date	Water Level Feet (above) Land Surface	Remarks
<u>5-10-61</u>	<u>13.65</u>				
<u>12-12-61</u>	<u>13.99</u>	<u>JS</u> <u>10</u>			

REMARKS: _____
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JAN 13 2014
SALEM, OR

Place of Use Conflict Report

The following rights have acreage in the same quarter-quarter as App: G 17592 *

Right	Name	Decree	App	Permit	Cert	Priority	Status	Use	T-R-S-QQ	DLC	Gov't Lot	Acre
<u>CERT:32394 CR *</u>	JOHN/GEORGIA CROW	G-1593	G-1463	32394	10/2/1959	NC	IR	27.00S-31.00E-01-NWNE		2		40.5300
								27.00S-31.00E-01-SWNE				35.0000
✓ <u>CERT:82462 OR *</u>	JOHN STARBUCK	G-10357	G-9575	82462	6/3/1981	NC	IR	27.00S-34.00E-08-SWNE				2.8000
								27.00S-34.00E-08-NWSE				3.8000
<u>PERMIT: G 12938 *</u>	FRED H BRIGGS	G-12926	G-12938		5/21/1992	NC	IR	27.00S-32.00E-06-NENW				40.5000
								27.00S-32.00E-06-NWNW				29.5000
								27.00S-31.00E-01-NENE				40.1000
<u>PERMIT: G 12262 *</u>	FRED H BRIGGS	G-12928	G-12262		5/21/1992	NC	IR	27.00S-32.00E-10-NENE				32.7000
								27.00S-32.00E-10-SENE				30.6000
								27.00S-32.00E-10-NESE				3.6000
								27.00S-32.00E-11-NWNW				18.8000
								27.00S-32.00E-11-SWNW				19.7000
								27.00S-32.00E-11-NWSW				2.5000
								27.00S-32.00E-02-SWSW				8.3000
27.00S-32.00E-03-SESE		14.8000										

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

FRED H. AND BETTY R. BRIGGS
P.O. BOX 582
LAKEVIEW, OREGON 97630

PHONE: (503) 947-3367

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

APPLICATION FILE NUMBER: G-12928

SOURCE OF WATER: A WELL IN THE DONNER & BLITZEN RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 131.0 ACRES

*131 * 1/8 =
1.64 cfs*

RATE OF USE: 1.64 CUBIC FOOT PER SECOND

PERIOD OF ALLOWED USE: MARCH 1 THROUGH OCTOBER 31

@ max

DATE OF PRIORITY: MAY 21, 1992

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 10, T27S, R32E, W.M.; 1255 FEET SOUTH & 70 FEET WEST FROM NE CORNER, SECTION 10

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:

SW 1/4 SW 1/4 8.3 ACRES
SECTION 2
SE 1/4 SE 1/4 14.8 ACRES
SECTION 3
NE 1/4 NE 1/4 32.7 ACRES
SE 1/4 NE 1/4 30.6 ACRES
NE 1/4 SE 1/4 3.6 ACRES
SECTION 10
NW 1/4 NW 1/4 18.8 ACRES
SW 1/4 NW 1/4 19.7 ACRES
NW 1/4 SW 1/4 2.5 ACRES
SECTION 11
TOWNSHIP 27 SOUTH, RANGE 32 EAST, 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.

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.

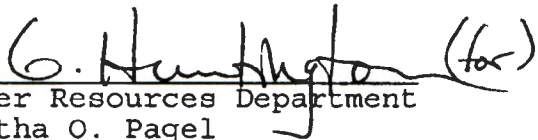
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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.

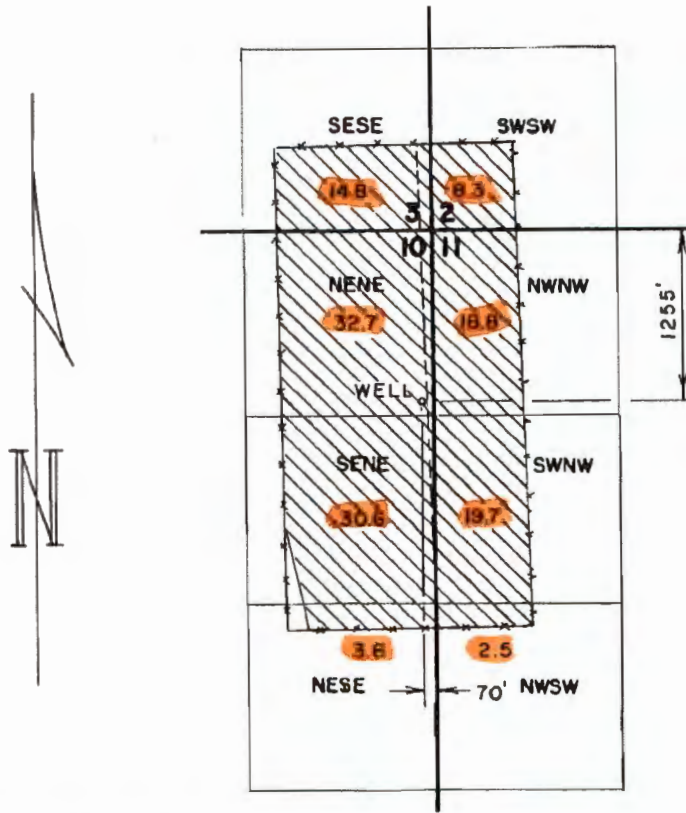
Actual construction of the well shall begin within one year from permit issuance and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued January 26, 1996

 (for)

Water Resources Department
Martha O. Pagel
Director

T. 27 S., R. 32 E., W.M.



THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP.

RECEIVED

FINAL PROOF SURVEY

UNDER
APPLICATION G-12928
PERMIT G-12262

IN THE NAME OF
FRED H. & BETTY R.
BRIGGS

Scale: 4" = 1 MILE

Date: NOV. 2003

Job: 1393 A

Dsn:

Drn: CHRIS

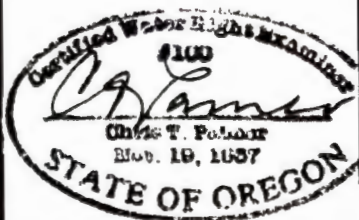
Ckd:



M. A. PALMER & SONS, INC.
ENGINEERING & SURVEYING
254 N. Alder - Box 61
Burns, Oregon 97720

Sht. No.

of 1



RENEW 1-1-2005

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

FRED H. AND BETTY R. BRIGGS
P.O. BOX 582
LAKEVIEW, OREGON 97630

PHONE: (541) 947-3667

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

APPLICATION FILE NUMBER: G-12926

SOURCE OF WATER: TWO WELLS IN THE DONNER UND BLITZEN RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 354.7 ACRES

MAXIMUM RATE: 4.43 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MAY 21, 1992

*354.7 ac * 1/80
= 4.43 cfs
@ max*

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, NE 1/4 NW 1/4, SECTION 6, T27S, R32E, W.M.; WELL 1 - 125 FEET SOUTH AND 915 FEET WEST FROM THE NE CORNER OF SECTION 6; WELL 2 - 1280 FEET SOUTH AND 1 FOOT WEST FROM THE N 1/4 CORNER OF SECTION 6

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:

SE 1/4 SW 1/4 40.0 ACRES
NE 1/4 SE 1/4 15.6 ACRES
SW 1/4 SE 1/4 35.0 ACRES
SE 1/4 SE 1/4 28.9 ACRES
SECTION 31

SW 1/4 SW 1/4 40.0 ACRES
SECTION 32
TOWNSHIP 26 SOUTH, RANGE 32 EAST, W.M.

NE 1/4 NE 1/4 40.1 ACRES
SECTION 1
TOWNSHIP 27 SOUTH, RANGE 31 EAST, W.M.

NE 1/4 NW 1/4	20.0 ACRES
NW 1/4 NW 1/4	30.5 ACRES
SE 1/4 NW 1/4	7.3 ACRES

SECTION 5

NE 1/4 NE 1/4	9.2 ACRES
NW 1/4 NE 1/4	18.1 ACRES
NE 1/4 NW 1/4	40.5 ACRES
NW 1/4 NW 1/4	29.5 ACRES

SECTION 6

TOWNSHIP 27 SOUTH, RANGE 32 EAST, 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 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.

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.

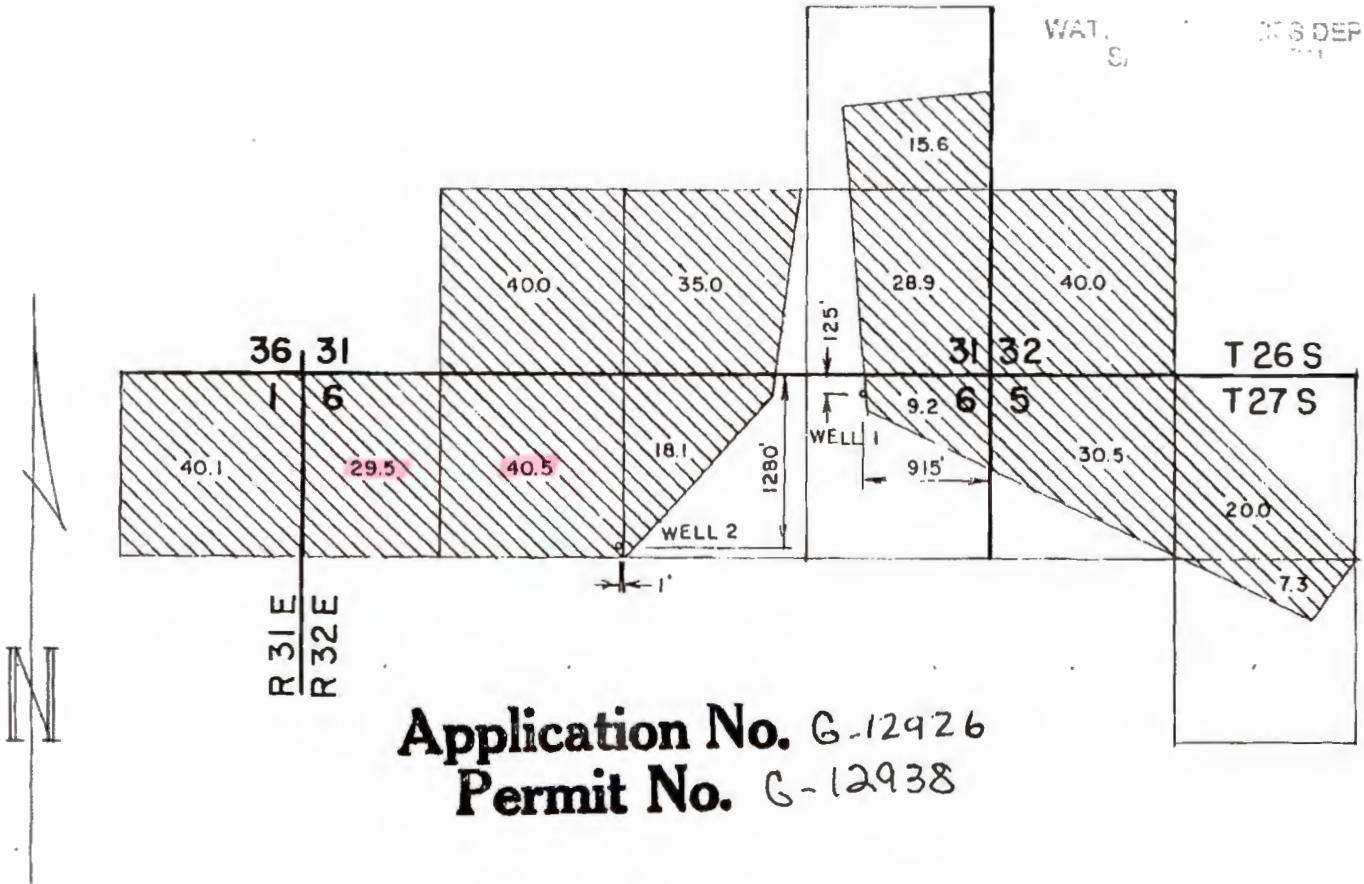
The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

X

T.26 S., T.27 S., R.31 E., R.32 E., W.M.

MAY 21 1992

WAT. S. DEPT.



Application No. G-12926
Permit No. G-12938

THE PURPOSE OF THIS MAP IS TO
IDENTIFY THE LOCATION OF THE
WATER RIGHT. IT IS NOT INTENDED
TO PROVIDE INFORMATION RELATIVE
TO THE LOCATION OF PROPERTY
OWNERSHIP.

	FRED BRIGGS		LAKEVIEW, OR
	WATER RIGHT APPLICATION MAP		
	Scale: 4" = 1 mile	Date: Apr 1992	Job: 1393 C .
	Dsn:		Sht. No.
	Drn: Chris		of 1
Ckd:	M. A. PALMER & SONS, INC. ENGINEERING & SURVEYING 254 N. Alder - Box 61 Burns, Oregon 97720		

STATE OF OREGON
COUNTY OF HARNEY
CERTIFICATE OF WATER RIGHT

This Is to Certify, That JOHN or GEORGIA CROW

of 86 South Fir, Burns, State of Oregon, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of Well No. 1

a tributary of Malheur Lake for the purpose of irrigation of 75.53 acres

under Permit No. G-1463 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from October 2, 1959

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.94 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the SW 1/4 NE 1/4, Section 1, T. 27 S., R. 31 E., W. M. Well located 152 feet South and 21 feet East from the North quarter corner of Section 1

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 3 acre feet per acre for each acre irrigated during the irrigation season of each year,

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

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

40.53 acres Lot 2 (NW 1/4 NE 1/4)
35.00 acres SW 1/4 NE 1/4
Section 1
T. 27 S., R. 31 E., W. M.

This certificate is issued to correct & supersede the water right certificate recorded in State Record of Water Right Certificates, Volume 24, page 32083, so as to correctly show the quantity of water.

75.53
*
1/50
= 0.94 cfs
@ max

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. August 9, 1965

CHRIS L. WHEELER

State Engineer

Recorded in State Record of Water Right Certificates, Volume 24, page 32394

MALHEUR NATIONAL WILDLIFE REFUGE

SECTION 36
T. 26 S., R. 31 E.

SECTION 31
T. 26 S., R. 32 E.

SECTION 1
T. 27 S., R. 31 E.


SECTION 6
T. 27 S., R. 32 E.

PLAT FOR APPLICATION
FOR
GROUND WATER APPROPRIATION
HARNEY COUNTY, OREGON

PROPERTY
OF
JOHN and GEORGIA CROW
PRINCETON, OREGON

Site of
○ VOLTAGE P.O.

LEGEND

- Fence Lines x ——— x
- Existing Ditch Lines ———>
- Ditch Lines Planned ———>
- Irrigable Land Area 

Data for this plat from property owners

Drawn 9-26-89. by M.A. Palmer

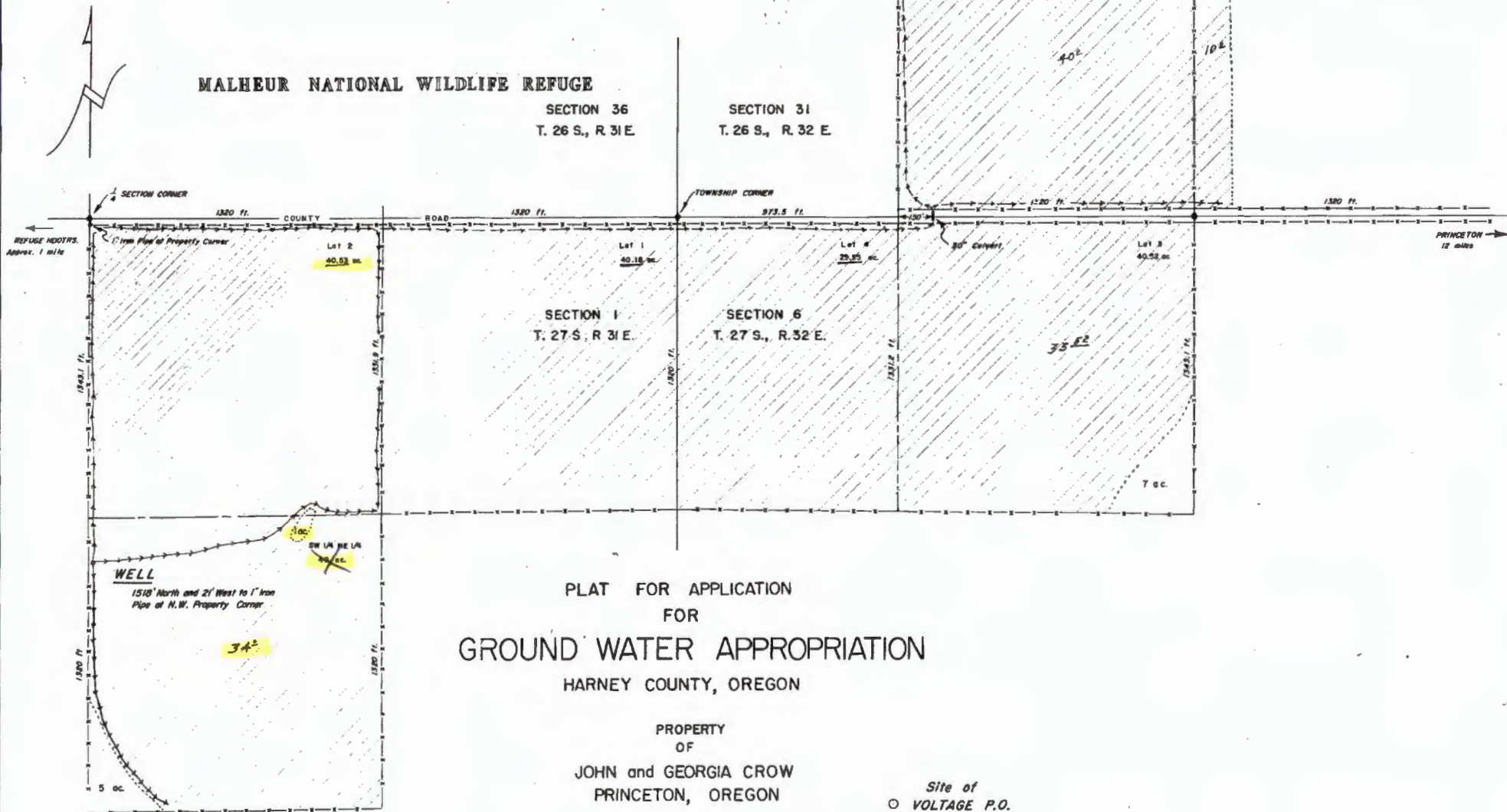
IRRIGABLE ACREAGES

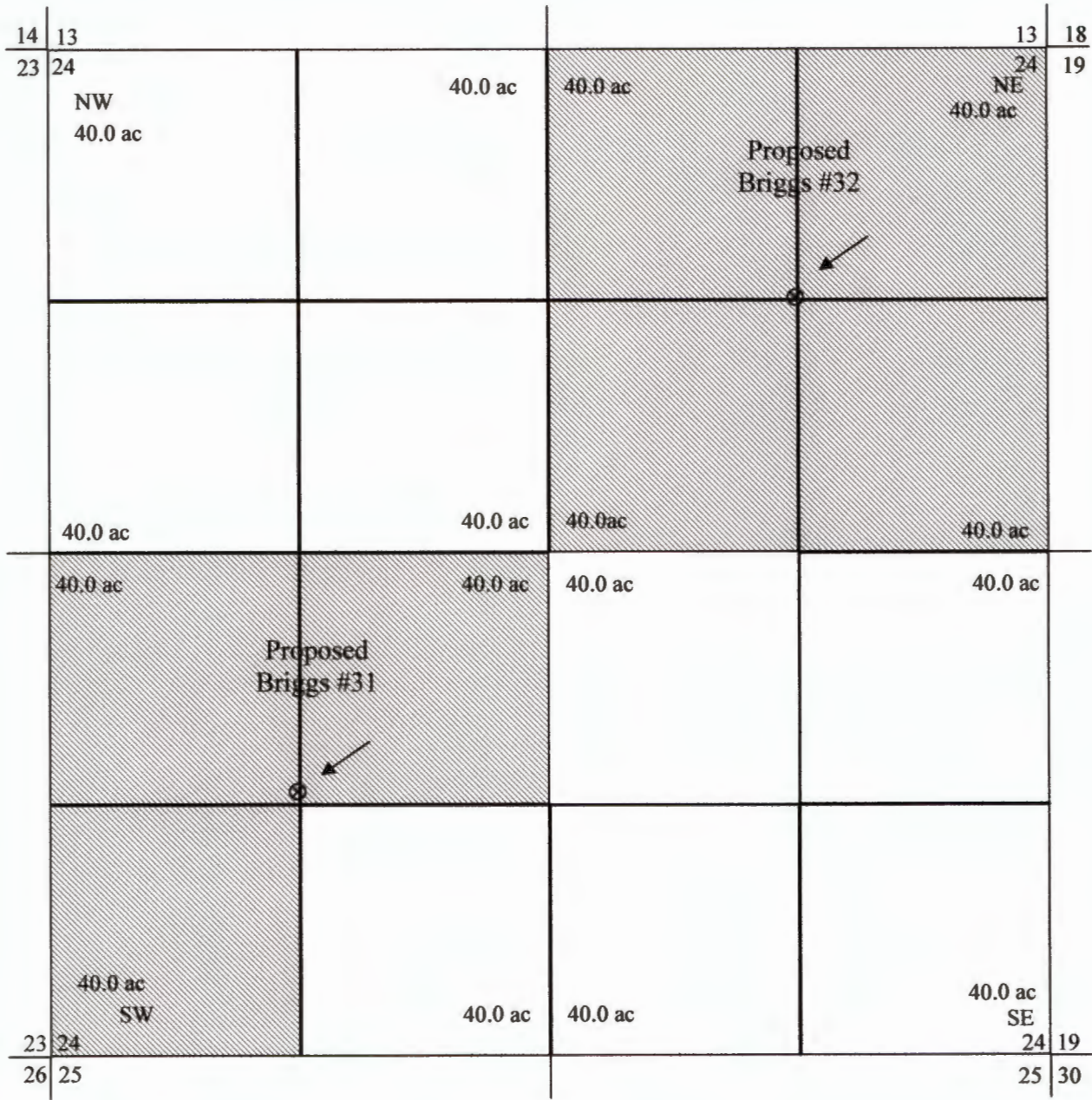
T. 26 S., R. 32 E. Sec. 31	SESW	40
	SWSE	10
T. 27 S., R. 31 E. Sec. 1	Lot 1	40.18
	Lot 2	40.53
	SWNE	34
T. 27 S., R. 32 E. Sec. 6	Lot 3	33.52
	Lot 4	29.55
TOTAL		227.58

Note - County Road Rights of Way included in above acreages

Application No. G-1593
Permit No. G-1463

certificate 32394





Briggs #32
 To be located 1,320 feet South
 and 1,320 feet West of the NE
 corner of Section 24

Briggs #31
 To be located 1,330 feet North
 and 1,320 feet East of the SE
 corner of Section 24

*Superseded by
 12/19/12 maps*

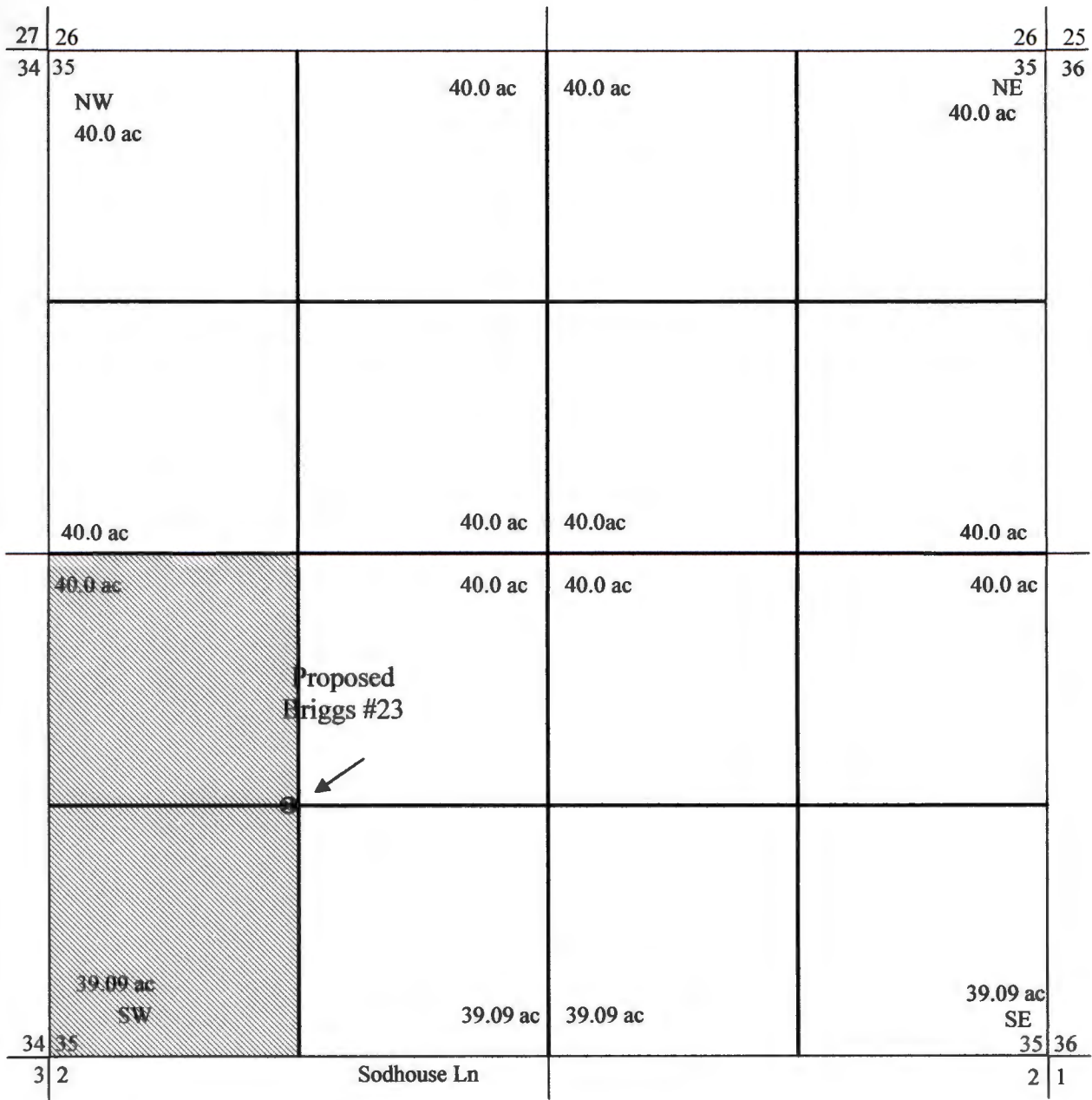
✓ In T26S R32E W.M.
 Section 24
 Tax Lot 800: 160.0 acres
 Tax Lot 300: 120.0 acres
 1" = 880 feet

G-17592

RECEIVED BY OWRD

OCT 28 2012

SALEM, OR



Briggs #23

To be located 1,320 feet North
and 1,310 feet East of the SE
corner of Section 35

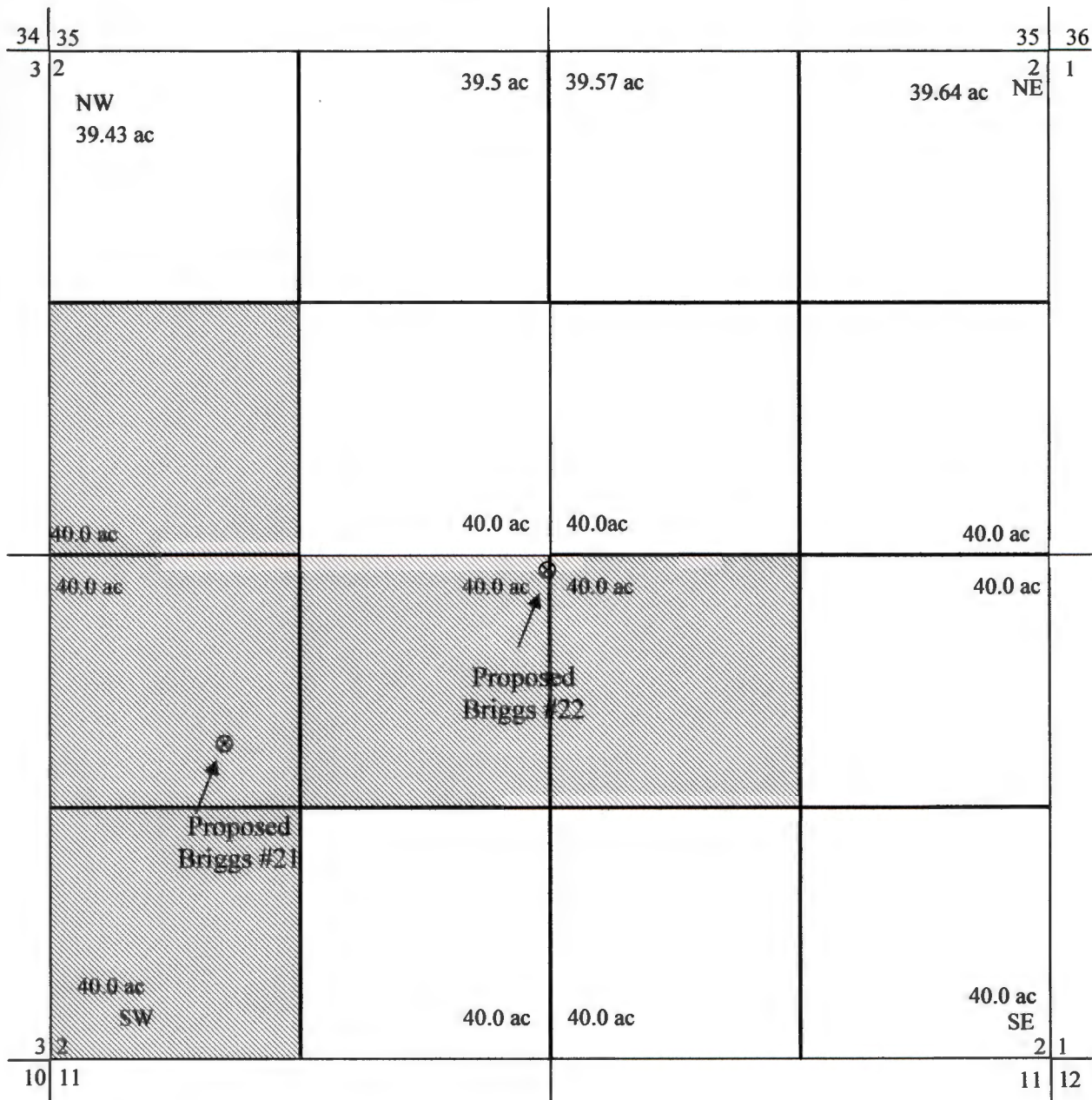
✓ in T26S R32E W.M.
Section 35
Tax Lot 1800: 79.09 acres
1" = 880 feet

Gr-17592

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OCT 26 2012

SALEM OR



Briggs #21

To be located 1,500 feet North
and 1,140 feet East of the SW
corner of Section 2

Briggs #22

To be located 2,640 feet North
and 2,640 feet East of the SW
corner of Section 2

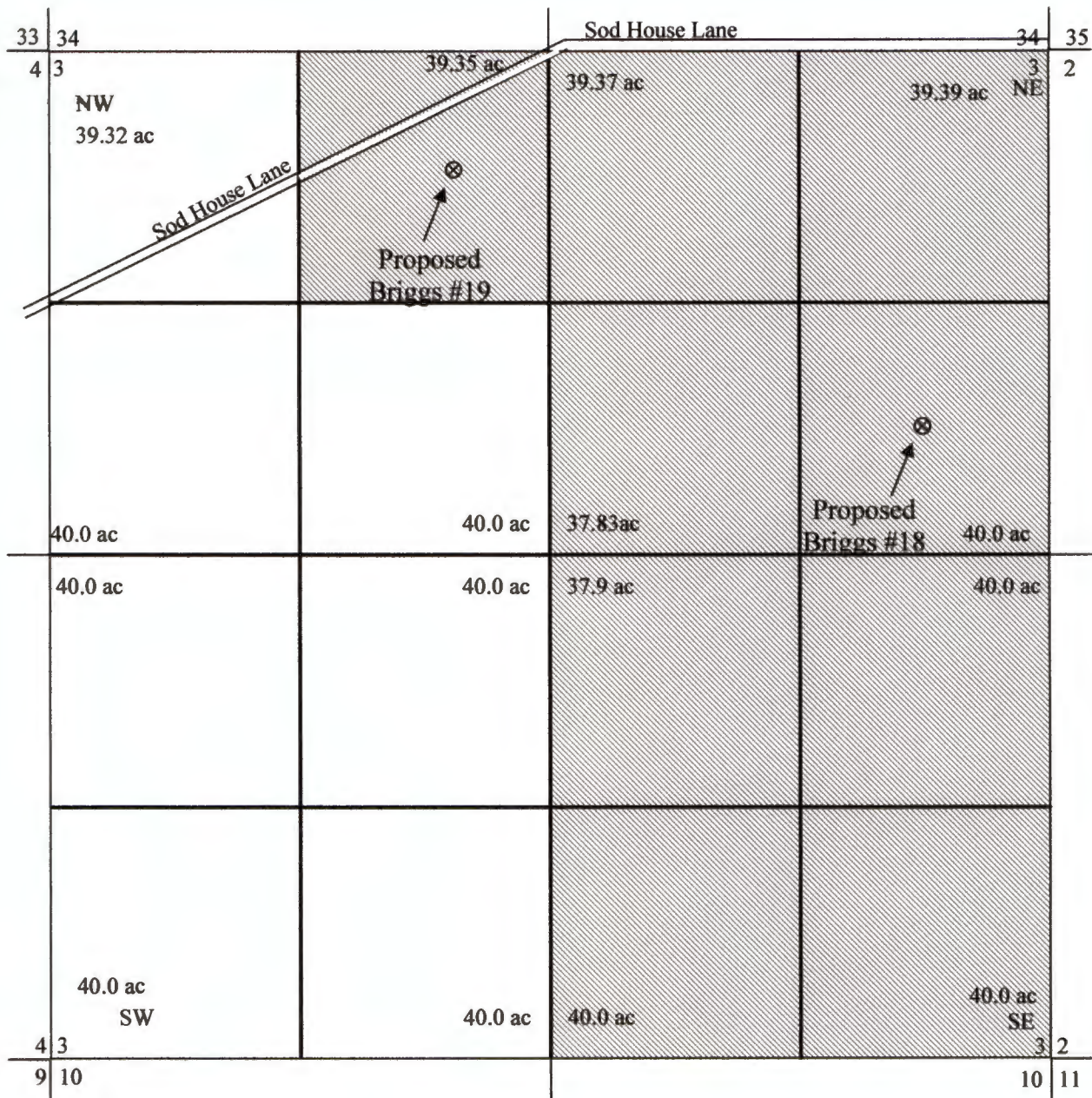
✓ In T27S R32E W.M.
Section 2
Tax Lot 200: 200.0 acres
1" = 880 feet

G-17592

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OCT 26 2012

SALEM, OR



Briggs #18

To be located 1,980 feet South
and 1,980 feet West of the NE
corner of Section 3

Briggs #19

To be located 500 feet South
and 2,140 feet East of the NW
corner of Section 3

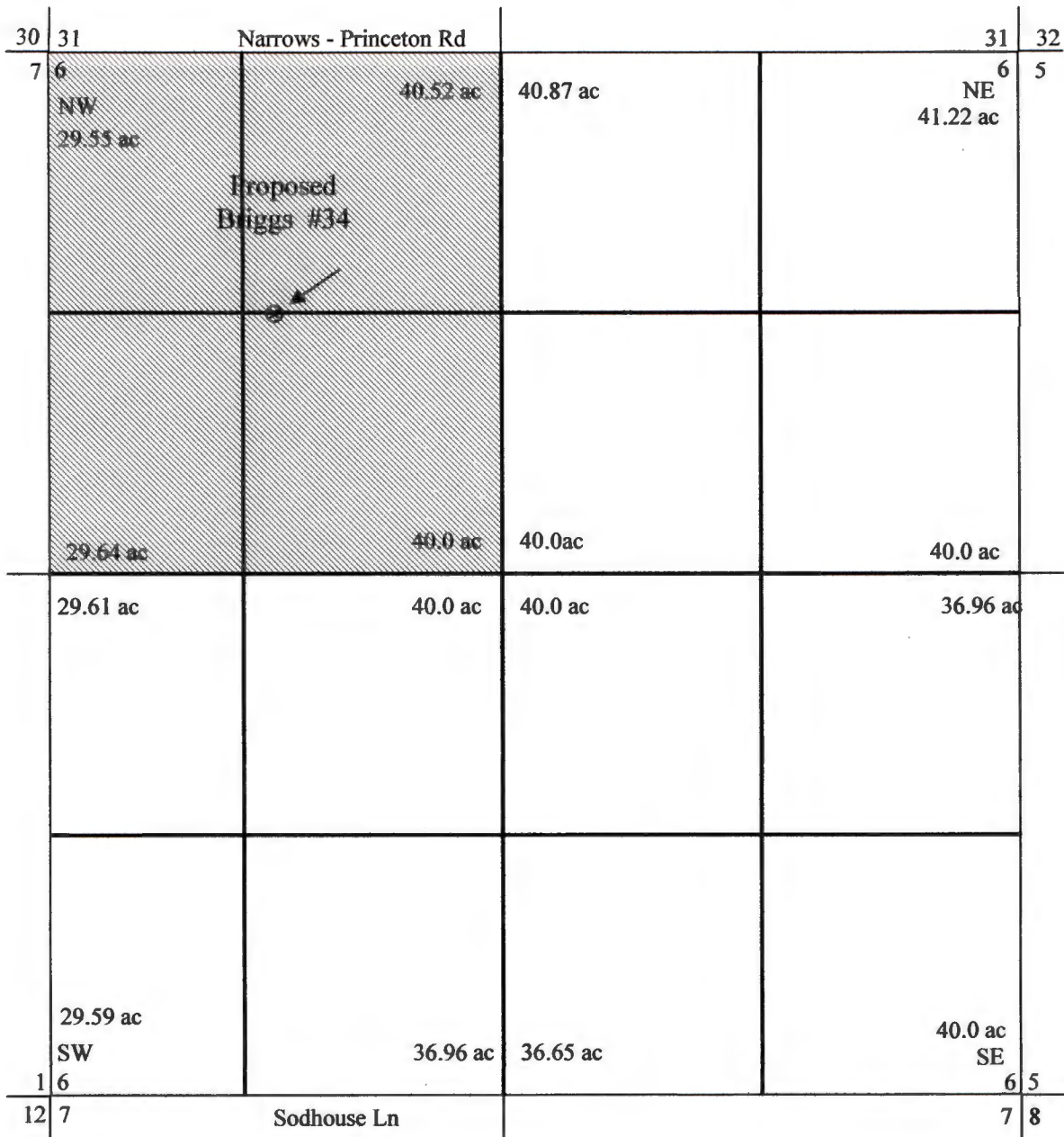
↙ In T27S R32E W.M.
Section 3
Tax Lot 200: 199.39 acres
Tax Lot 300: 154.45
1" = 880 feet

G-17592

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OCT 26 2012

SALEM, OR



Briggs #34

To be located 1,320 feet South
and 1,145 feet West of the NE
corner of Section 1

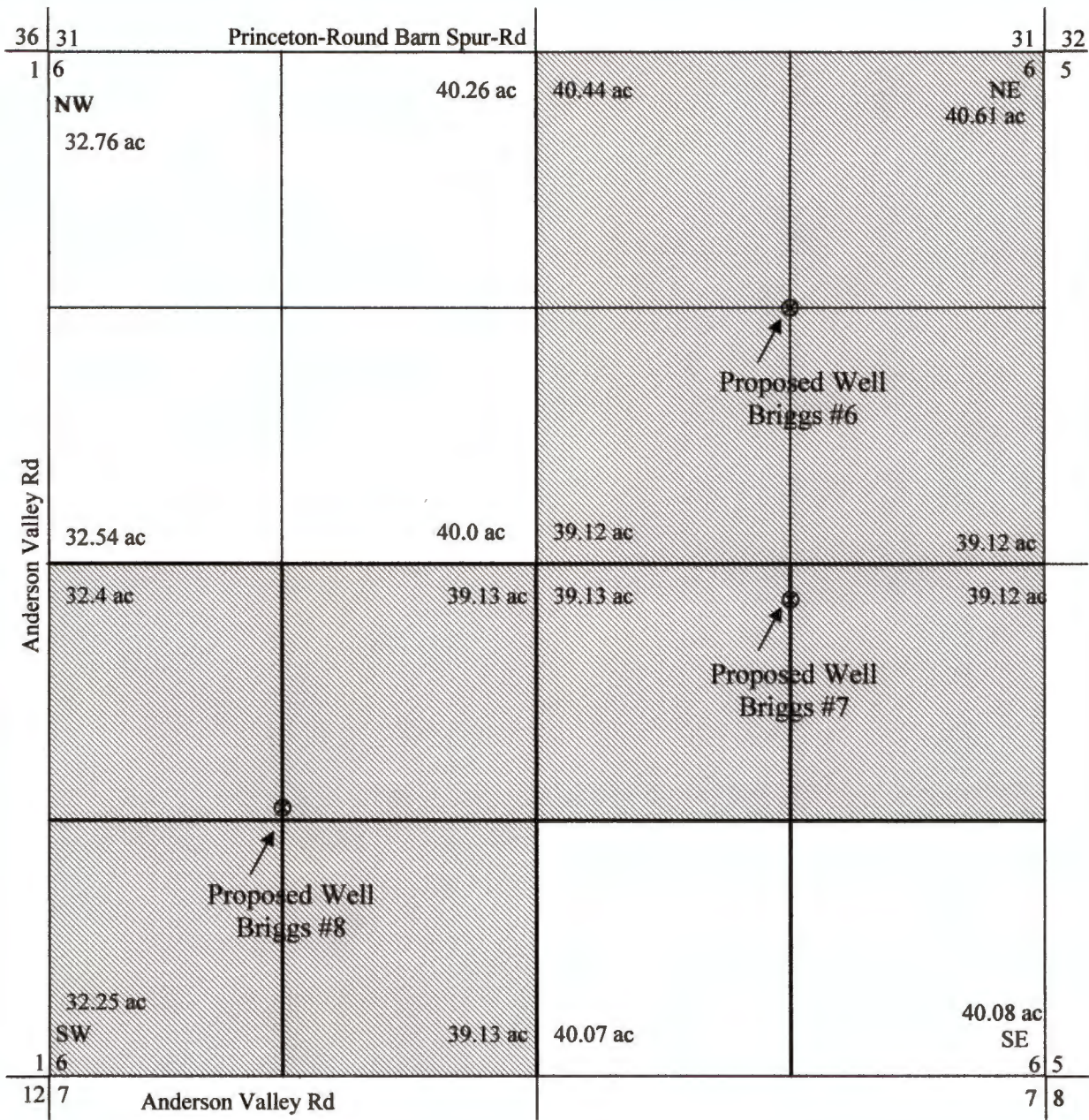
— In T27S R32E W.M.
Section 6
Tax Lot 100: 70.07 acres
Tax Lot 200: 29.64 acres
Tax Lot 300: 40.0 acres
1" = 880 feet

G-17592

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SALEM, OR



Briggs #6

To be located 1,320 feet South and 1,315 feet East of the NW corner of Section 6

Briggs #7

To be located 2,790 feet South and 1,315 feet West of the NE corner of Section 6

Briggs #8

To be located 1,320 feet North and 1,315 feet East of the SW corner of Section 6

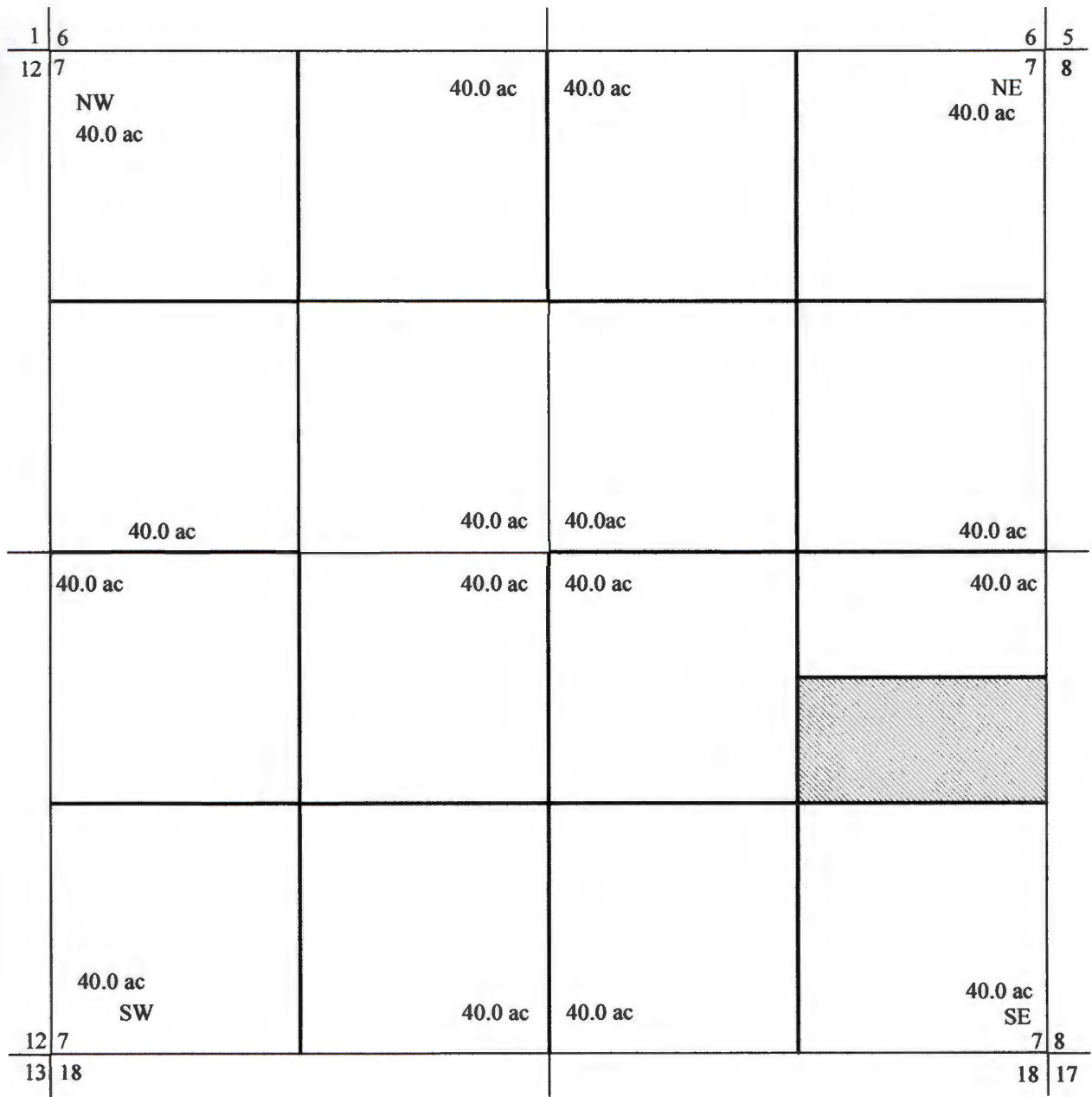
— In T27S R34E W.M.
 Section 6: SW1/4 + NE1/4 + N1/2 SE1/4
 Tax Lot 700: 380.45 acres
 1" = 880 feet

G-17592

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SALEM, OR



✓ In T27S R34E W.M.
 Section 07
 Tax Lot 1201: 20.0 acres

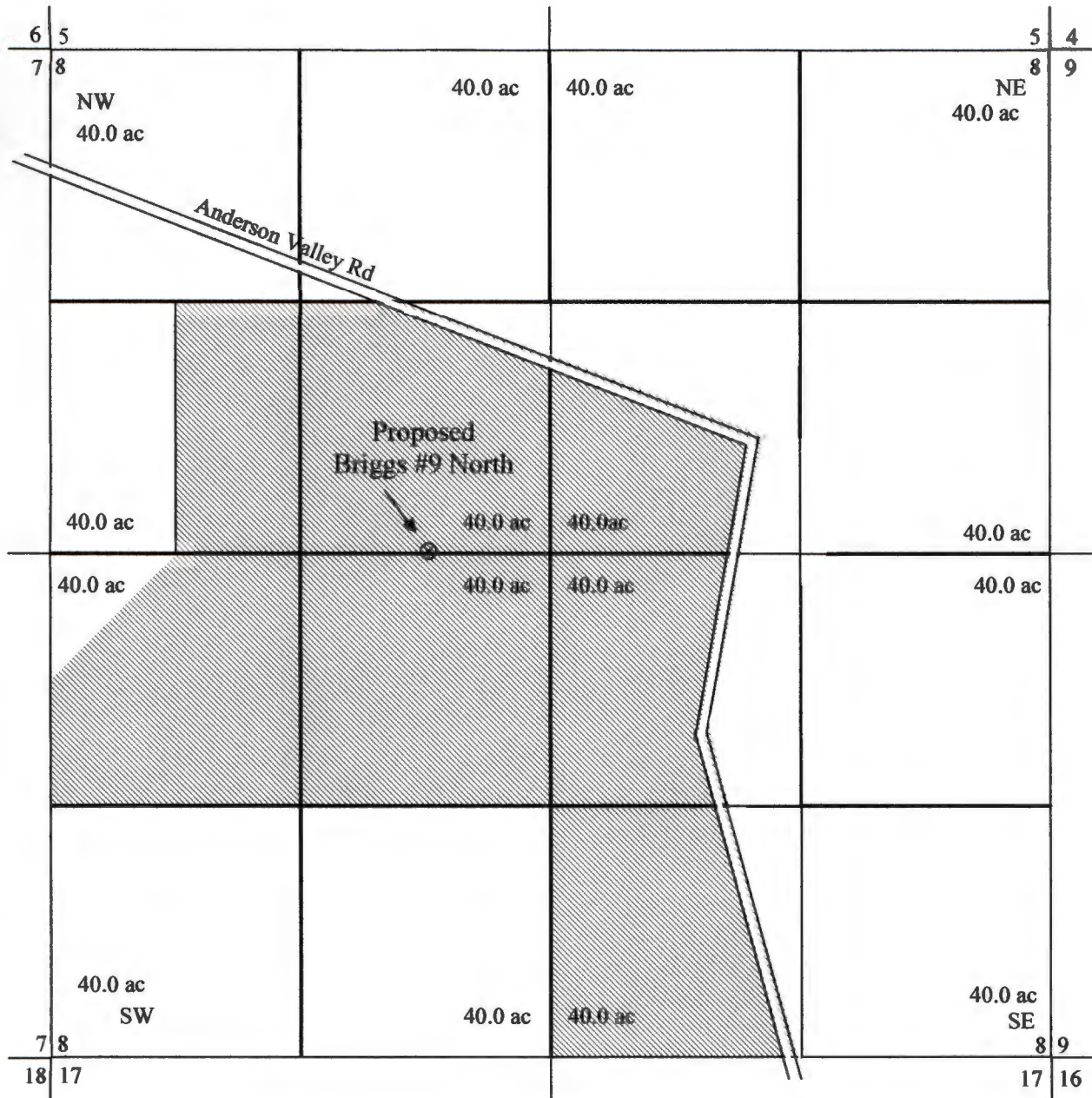
1" = 880 feet

G-17592

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Briggs #9 North

To be located 2,640 feet South
and 1,320 feet East of the NW
corner of Section 8

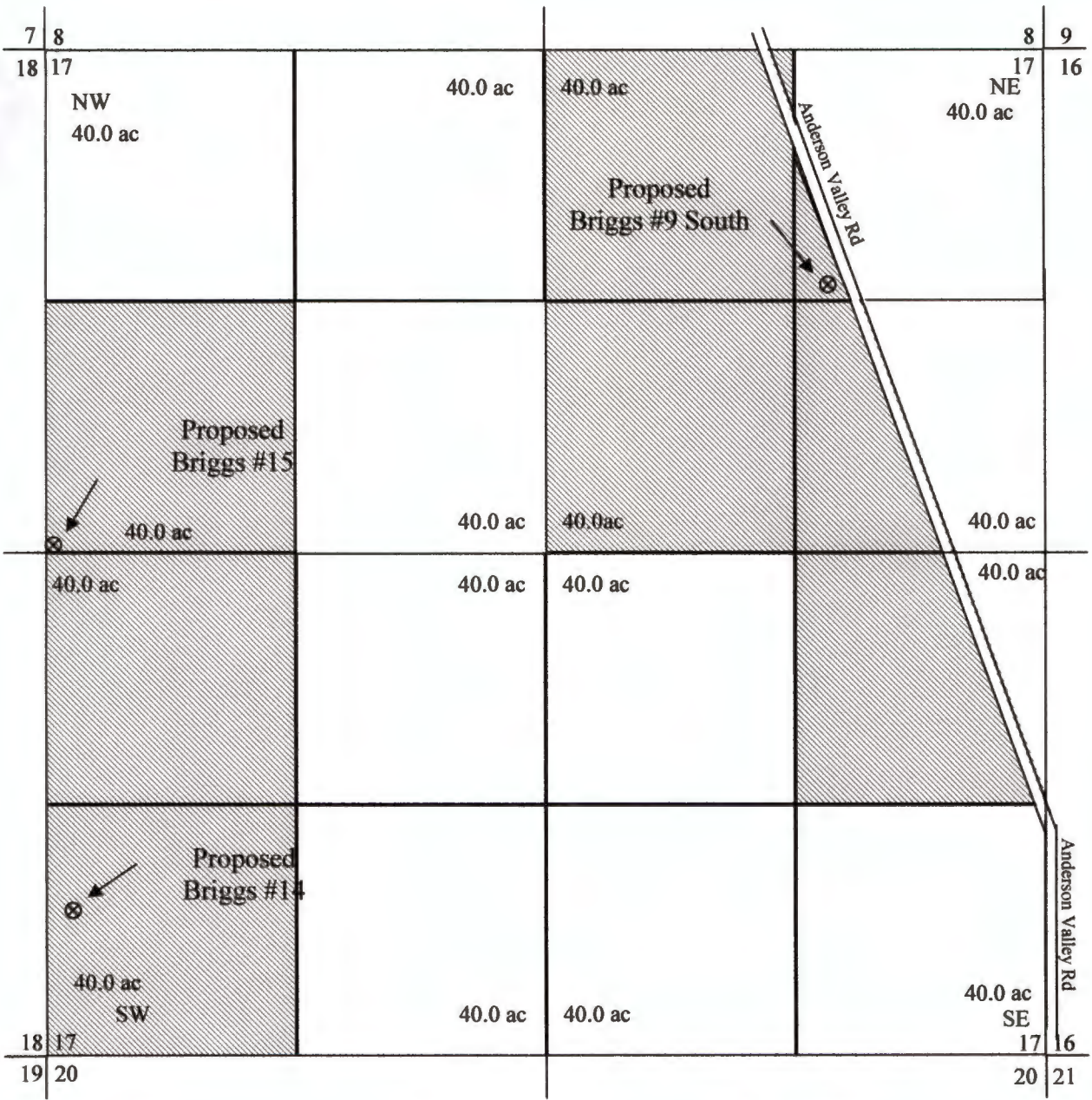
— In T27S R34E W.M.
Section 08
Tax Lot 1201: 162.58 acres
Tax Lot 3000: 62.0
1" = 880 feet

G-17592

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SALEM, OR



Briggs #14

To be located 1,320 feet South and 10 feet East of the NW corner of Section 17

Briggs #15

To be located 495 feet North and 80 feet East of the SW corner of Section 17

Briggs #9 South

To be located 1,160 feet South and 1,160 feet West of the NE corner of Section 17

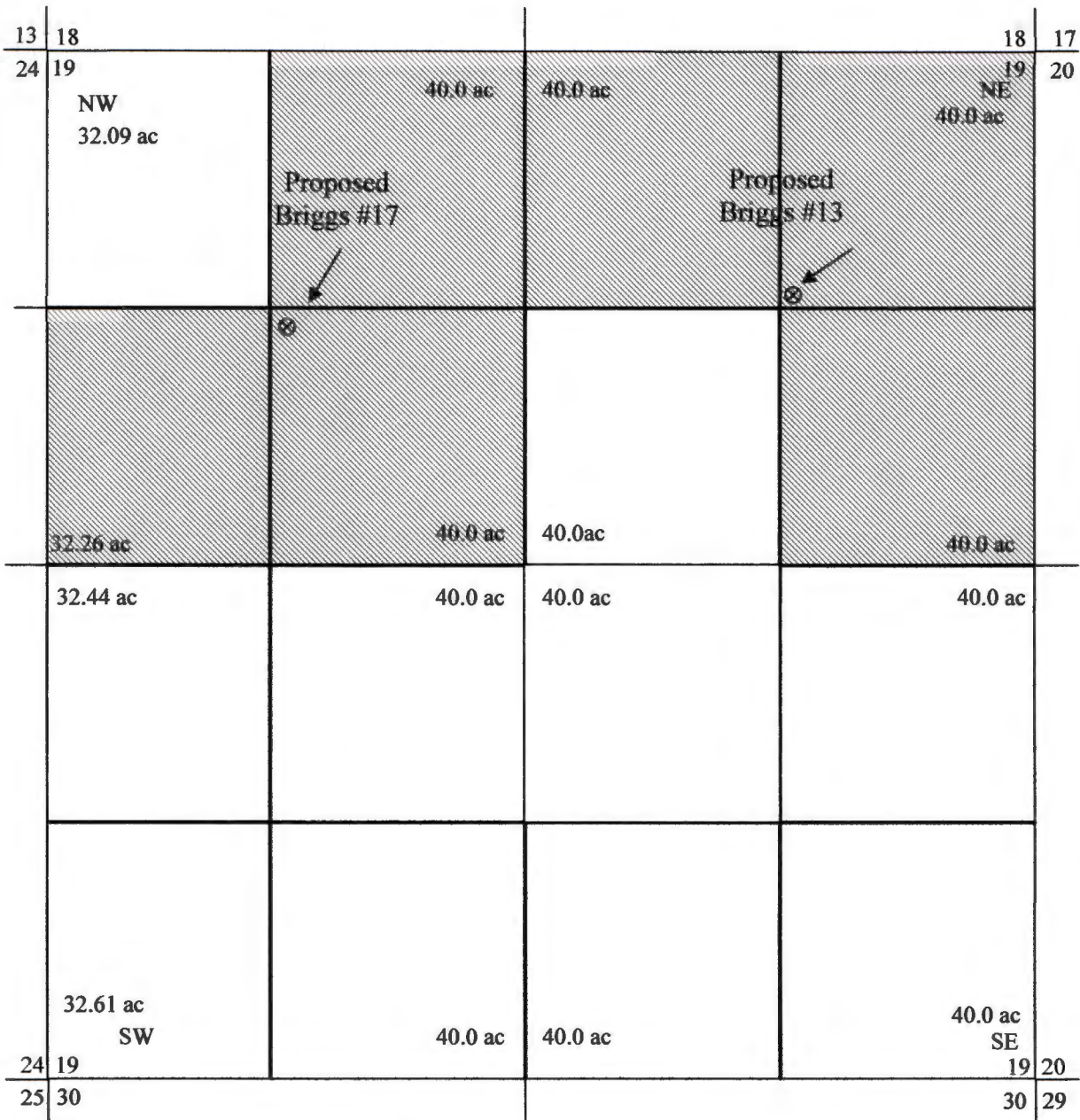
In T27S R34E W.M.
 Section 17
 Tax Lot 3100: 120.0 acres
 Tax Lot 3000: 125.04
 1" = 880 feet

G-17592

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SALEM, OR



Briggs #13

To be located 1,310 feet South and 1,310 feet West of the NE corner of Section 19

Briggs #17

To be located 1,075 feet East and 1,320 feet South of the NW corner of Section 19

In T27S R34E W.M.
 Section 19
 Tax Lot 3100: 232.26 acres
 1" = 880 feet

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OCT 26 2012

SALEM, OR

G-17592

Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.615)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

- SECTION 1: applicant information and signature
- SECTION 2: property ownership
- SECTION 3: well development
- SECTION 4: water use
- SECTION 5: water management
- SECTION 6: storage of groundwater in a reservoir
- SECTION 7: use of stored groundwater from the reservoir
- SECTION 8: project schedule
- SECTION 9: within a district
- SECTION 10: remarks

Attachments:

- Land Use Information Form with approval and signature (*must be an original*) or signed receipt
- Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map. Example: A copy of the deed, land sales contract or title insurance policy.
- Fees - Amount enclosed: \$_____ See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.

Provide a map and check that each of the following items is included:

- Permanent quality and drawn in ink
- Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- North Directional Symbol
- Township, Range, Section, Quarter/Quarter, Tax Lots
- Reference corner on map
- Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/or number.
- Indicate the area of use by Quarter/Quarter and tax lot clearly identified
- Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
- Other _____

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OCT 26 2012

SALEM, OR

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **107196**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Golden Rule Farms, Inc.
BY: _____

APPLICATION	G17592
PERMIT	
TRANSFER	

CASH: CHECK:# 182604 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 28,900.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES		\$
	OTHER: (IDENTIFY)		\$
0243	I/S Lease		
	0244 Muni Water Mgmt. Plan		
	0245 Cons. Water		

4270 WRD OPERATING ACCT

MISCELLANEOUS			
0407	COPY & TAPE FEES	<u>46111</u>	\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)		\$
TC162	DEPOSIT LIAB. (IDENTIFY)		\$
0240	EXTENSION OF TIME		\$
WATER RIGHTS:			
0201	SURFACE WATER	EXAM FEE \$	0202 RECORD FEE \$
0203	GROUND WATER	\$ <u>28,500.00</u>	0204 \$ <u>400.00</u>
0205	TRANSFER	\$	
WELL CONSTRUCTION			
0218	WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219 LICENSE FEE \$
	LANDOWNER'S PERMIT		0220 \$
	OTHER (IDENTIFY)		

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
	OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233	POWER LICENSE FEE (FW/WRD)		\$
0231	HYDRO LICENSE FEE (FW/WRD)		\$
	HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND _____ TITLE _____
 OBJ. CODE _____ VENDOR # _____
 DESCRIPTION _____ \$ _____

RECEIPT: **107196**

DATED 10-26-12 BY: [Signature]