

EMERGENCY DROUGHT APPLICATION: GROUNDWATER REVIEW

TO: Water Rights Section Date 6/18/2026
FROM: Groundwater Section Grayson Fish
SUBJECT: Application G- 19536
Reviewer's Name

DROUGHT MITIGATION; GROUNDWATER

This review is based on authorities laid out in OAR 690-019 Drought Mitigation rules. This is an expedited review to evaluate an emergency request for groundwater use for one season under a Governor's drought declaration. Notwithstanding groundwater availability (OAR 690-300 and -310) and State Scenic Waterway considerations, the Department may issue a drought permit for short-term emergency use provided that there is no injury and that the use is within the public interest as per OAR 690-019-0040(3). **This review is based upon available information and agency policies in place at the time of evaluation.**

A. GENERAL INFORMATION: Applicant's Name: WB Agricultural LLC County: Jackson

A1. Applicant(s) seek(s) 0.05/0.03 cfs from 1 well(s) in the Rogue Basin,
Middle Rogue subbasin

A2. Proposed use Supplemental Irrigation (4 Acres) Seasonality: 4/1/2026 – 10/31/2026

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)	Latitude	Longitude
1	JACK 62253	1	Bedrock	0.05/0.03	36S/4W-34 SW-SE	42.39320	-123.15704

* 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	1182	117	34.77	8/20/2021	140	38	+1.5 – 98.5	0 - 140	120 – 140	40	--	Air

Use data from application for proposed wells.

A4. **Comments:** Underlying Certificate 51520 modified under transfer T-14116 features a rate change on July 1. The applicant requests a prorated rate change from 0.05 cfs through July 1, then dropping to 0.03 cfs until October 31.

B. GROUNDWATER/SURFACE WATER CONSIDERATIONS:

B1. Is there information that this drought groundwater use will **injure senior spring or surface water rights** during the duration of the drought declaration?

(☐Yes) (☒No) If yes, explain: The applicant's well accesses an aquifer hosted in the secondary fractures and joints of metamorphosed volcanics of the Applegate Group. The target aquifer is hydraulically connected to Birdseye Creek, located 650 feet east of the applicant's well. The proposed use would likely result in some degree of depletion of water flowing in or towards this stream. However, there is either insufficient information available to determine that the proposed use will injure surface water rights during the duration of the drought declaration or the likelihood of injury is deemed acceptable considering the need for water because of the drought emergency and the short-term nature of the proposed emergency use as per OAR 690-019.

B2. Is there information that this drought groundwater use will **injure senior groundwater rights** during the duration of the drought declaration?

(☐Yes) (☒No) If yes, explain: Adjacent tax lots are likely supplied by exempt-use water wells, the closest of which may be only 250 feet to the north. However, the magnitude of well-to-well interference is difficult to predict in fractured rock aquifers, the permit conditions listed in section B8 of this review form are intended to protect senior water right holders if acute well-to-well interference does occur due to use under this proposed use.

- B3. Has the requested groundwater reservoir or part thereof **Declined Excessively**?
(☐Yes) (☒No) If yes, explain: There are 4 wells with groundwater level data within ~4 miles of the applicants proposed POA. Available groundwater data suggest that the requested groundwater reservoir has not Declined Excessively. See attached hydrograph.
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- B4. Groundwater levels **do NOT meet the definition of Reasonably Stable Groundwater Levels** (including insufficient data):
(☒ Yes) (☐ No) If yes, explain: All of the wells with groundwater level data within ~4 miles of the applicants proposed POA have insufficient data to determine Reasonably Stable Groundwater Levels. See attached hydrograph.
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- B5. Will the total requested rate of groundwater allocation **exceed what is obtainable by the expected yield of the well(s)** proposed in the application given best available information?
(☐Yes) (☒No) If yes, explain: The well log for JACK 62253 notes a well yield of 40 gallons per minute as determined by air test. The applicant should be able to obtain the maximum requested rate of 0.05 cfs (~22 gpm) from the proposed POA.
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- B6. There is the **Potential for Substantial Interference** with surface water (if yes, list nearest or likely most-impacted stream)
(☐ Yes) (☒ No) If yes, explain: Groundwater near the applicant's POA is likely hydraulically connected to Birdseye Creek located approximately 650 feet to the east. However, given depth of the fractures accessed and the low transmissivity of the fractured rock aquifer there is not a preponderance of evidence to suggest that groundwater pumping from this well would result in stream depletion during the duration of this emergency drought permit.
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- B7. There is a preponderance of evidence that the proposed use will **measurably reduce** the surface water flows necessary to maintain the free-flowing character of a **State Scenic Waterway**.
(☒ Yes) (☐ No) If yes, explain: The OWRD Water Availability Reporting System (WARS) has determined that groundwater use has already measurably reduced the surface flows necessary for the Rogue Scenic Waterway from the Applegate River to Lobster Creek as per ORS 390.835. The groundwater use proposed here would further reduce surface water flow to this Scenic Waterway.
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- B8. **Proposed Permit Conditions:** *If a permit is issued, include:*
- Condition 7B** (Interference Condition): Drought permits are junior to existing water rights and are subject to regulation
- Condition 7P** (Well Tag): If there is no existing OWRD Well ID Tag on the well, one shall be attached
- Large Water Use Reporting Condition:** totalizing flowmeter and reporting required. Include condition that "the readings must be reported to the Department by December 31, 2026."
- Special Condition - Regulation:** "Groundwater pumping under this permit shall discontinue or be reduced if area wells with permanent primary and/or supplemental groundwater rights are being regulated off due to groundwater level decline or interference with senior water rights unless the Department determines no action is necessary (pumping under this permit can continue) because the groundwater resource can sustain continued groundwater pumping without causing substantial interference with senior water rights."
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- Special Condition – Static Water Level Measurement Access:** The permittee shall allow Department staff, upon reasonable notice, to access the permitted well(s) during the period of use to take static water level measurements to monitor the impact of use on the resource. To ensure accurate measurements, the permittee may be required to stop use of the well for up to 24 hours before a water level measurement.
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B9.

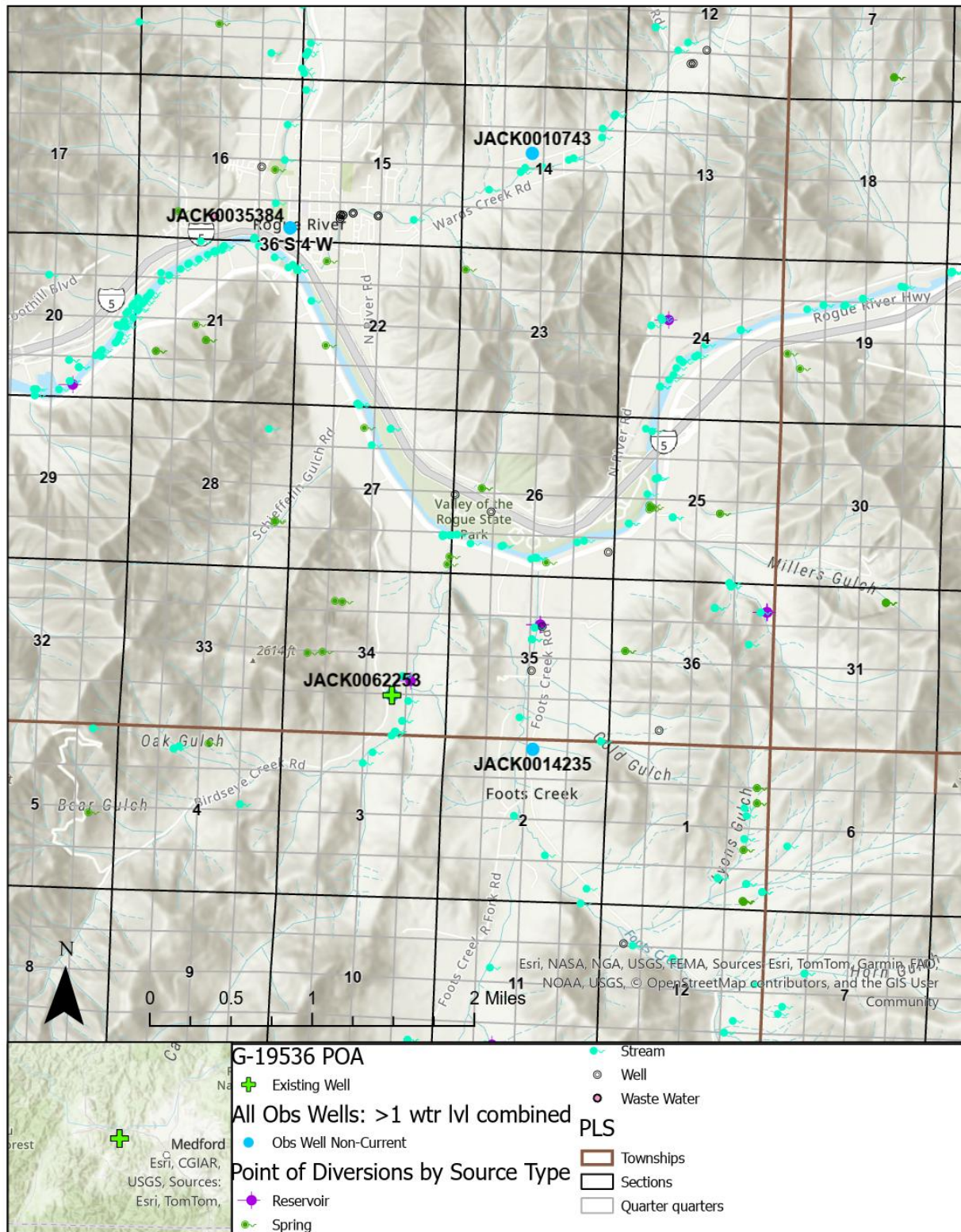
References Used:

OWRD Groundwater Information System (GWIS) Database – Accessed 6/18/2026

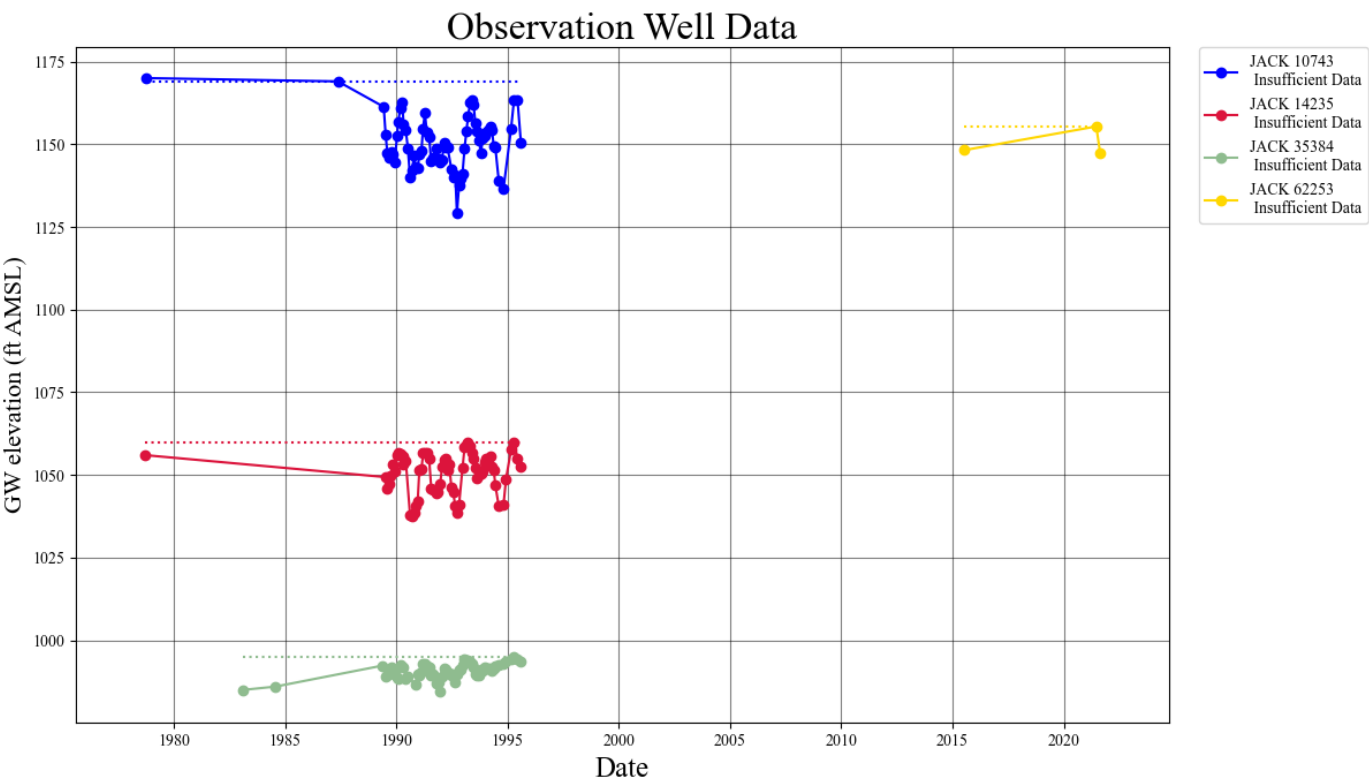
OWRD Water Availability Reporting System (WARS) – Accessed 6/18/2026

Wiley, T.J., 2006, Preliminary geologic map of the Gold Hill and Rogue River quadrangles, Jackson and Josephine Counties, Oregon: Oregon Department of Geology and Mineral Industries, Open-File Report O-06-18, scale 1:24,000

G-19536 Drought Application



Water-Level Measurements in Nearby Wells



Proposed POA Well Log

Page 1 of 1

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

JACK 62253

7/20/2015

WELL I.D. LABEL# 1

START CARD #

ORIGINAL LOG #

119028

1027229

(1) LAND OWNER

Owner Well I.D.

First Name JOE Last Name ARTERBURN

Company WILLIAM & MARY JO ARTERBURN

Address 1866 LAVETA LANE

City EUGENE State OR Zip 97402

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion

☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Std Plstc Wld Thrd

Material From To Amt sacks/lbs

Seal: Dia + From To Amt sacks/lbs

(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 140.00 ft.

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
10	0	38	Bentonite Chips	0	38	19	S
6	38	140				Calculated	18
						Calculated	

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

☒ Other DRY POURED

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 Std Plstc Wld Thrd

☒	☐	6	☒	1.5	98.5	.250	☒	☐	☒	☐
☐	☐	4	☐	0	140	SCH40	☐	☐	☐	☐

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 98.5

Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method SAW CUT

Perf/	Casing/	Screen	Dia	From	To	Scr/slot	Slot	# of	Tele/
Screen	Liner					width	length	slots	pipe size
			4	120	140	.188	4	60	

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

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

40		140	1
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Temperature 53 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below) TDS amount 230 ppm

From	To	Description	Amount	Units
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(9) LOCATION OF WELL (legal description)

County JACKSON Twp 36.00 S N/S Range 4.00 W E/W WM

Sec 34 SW 1/4 of the SE 1/4 Tax Lot 1100

Tax Map Number Lot

Lat " ' " or DMS or DD

Long " ' " or DMS or DD

☐ Street address of well ☒ Nearest address

1555 BIRDSEYE CR RD GOLD HILL, OR 97525

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration Date SWL (psi) + SWL (ft)

Completed Well 7/18/2015 34

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 117.00

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

7/18/2015 117 119 7 34

7/18/2015 124 136 33 34

(11) WELL LOG

Ground Elevation

Material	From	To
BROWN CLAY	0	4
BROWN CLAY & BROKEN BASALT	4	26
BROWN BASALT MED HARD	26	92
BLUE/GREY BASALT BROKEN	92	140

Date Started 7/18/2015 Completed 7/18/2015

(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 1835 Date 7/20/2015

Signed KEVIN D GILL (E-filed)

Contact Info (optional) CLOUSER DRILLING INC

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: