

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044
County Clerk
County of: Siskiyou
311 Fourth Street, Room 201
Yreka CA 96097

From: (Public Agency): Environmental Health Division
806 South Main Street
Yreka CA 96097
(Address)

FILED
Siskiyou County

Project Title: Water Well Permit #23076

NOV 07 2024

Project Applicant: Lava Lakes Ranch

Project Location - Specific:
6615 Sterchi Lane, Montague, CA 96062 (APN: 039-320-270)

ENDORSED BY: LAURA BYNUM, CLERK
W. WINNINGHAM
Deputy Clerk

Project Location - City: Gazelle Project Location - County: Siskiyou

Description of Nature, Purpose and Beneficiaries of Project:
Approval of an agricultural production well replacement.

Name of Public Agency Approving Project: Siskiyou County Community Development

Name of Person or Agency Carrying Out Project: Environmental Health Division

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
Declared Emergency (Sec. 21080(b)(3); 15269(a));
Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
Categorical Exemption. State type and section number: 15302 and 15061(b)(3)
Statutory Exemptions. State code number:

Reasons why project is exempt:
See attachment.

Lead Agency
Contact Person: Rick Dean Area Code/Telephone/Extension: 530-841-2100

If filed by applicant:

- 1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: Rick Dean Date: 11/15/2024 Title: Director

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21080 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at ORR:

Reason why project is exempt:

Larry Walker and Associates performed a hydrogeological analysis utilizing their hydrologic modeling tool from which Natural Resources and Community Development has concluded the separation distance and well pumping drawdown indicates that the replacement well will not have a significant adverse impact on public trust resources. County staff has determined that the well does not pose any threat to human health, safety, or the environment. Per the Siskiyou County Flood Control District, this well is consistent with historic activity occurring on the parcel and is also consistent with the Groundwater Sustainability Plan for Shasta Valley. See memorandum's for additional details.

October 29, 2024

MEMORANDUM

MEMO TO: RICK DEAN, DIRECTOR, COMMUNITY DEVELOPMENT
DEPARTMENT; DAN WESSELL, DEPUTY DIRECTOR
ENVIRONMENTAL HEALTH DEPARTMENT, SISKIYOU COUNTY

FROM: MATT PARKER, NATURAL RESOURCES SPECIALIST,
NATURAL RESOURCES DEPARTMENT

RE: PUBLIC TRUST CONSIDERATION: LAVA LAKES
REPLACEMENT PRODUCTION WELL PERMIT APPLICATION,
APN: 039-320-270

Whereas the counties, as subdivisions of the State of California have a fiduciary duty to consider the public trust before authorizing the drilling of groundwater well whose extractions might have an adverse impact on public trust resources.

The Siskiyou County Natural Resources Department (Department) has reviewed the above entitled well permit application for the replacement of a production well to serve the purpose of irrigating 75 acres of farmland in the Shasta Valley. The Department has reviewed 1) the information in the application, and 2) the technical memorandum (Attachment #1) prepared by Larry Walker Associates to aid in its evaluation of Public Trust Doctrine consideration.

The Department finds:

- The well location is approximately 2.85 miles from the nearest navigable waterway (Shasta River).
- The professional technical memorandum prepared by Larry Walker Associates, which models impacts from the proposed well replacement, along with the other materials reviewed, do not indicate that extraction of water from the proposed well would substantially impair or interfere with public trust uses or values within interconnected downstream navigable waters, including the Shasta River.
- More specifically, under the conditions specified below, the limited pumping from this existing Agricultural Use (75 acres) in the Shasta Valley watershed in the same historic farmed acreage/volumes will not substantially impair or interfere

with public trust uses or values within interconnected downstream navigable waters, including the Shasta River.

- To the extent the continued historical use of groundwater from this site may ultimately contribute to cumulative reductions in surface waters in downstream navigable waters, the production of groundwater for irrigation use on this parcel in the Shasta Valley is within the public interest because this parcel holds groundwater rights intended to be put to beneficial use consistent with Article X, section 2 of the California Constitution.
- The issuance of this permit for a replacement well purpose qualifies as a Class 2 categorical exemption under Section 15302 of the CEQA Guidelines which allows for replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. The new replacement well does not propose to serve additional connections/acreage and will have substantially the same purpose and capacity as the well being replaced. In addition, the project has been found to be consistent with Siskiyou County Codes and Policies.
- Alternately, the issuance of this permit for a well to replace the existing well is exempt from CEQA because the activity is covered by the common sense exemption (Cal. Code Regs. Title. 14 Sec. 15061(b)(3)). CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA. The County has determined that the issuance of this permit qualifies under the common sense exemption because it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment based on the proposed continued use of groundwater is consistent with historic activity occurring on the parcels.

Recommended replacement (well permit conditions):

- The new well will be located on the same parcel, no closer to the Shasta River than the well being replaced.
- Water production is not to exceed irrigation of the 75 acres of farmland historically farmed as served by the former well on APN #039-320-270

Attachment:

- Attachment #1 - LWA Technical Memorandum

ATTACHMENT #1

Memorandum

To: Laura Foglia
From: Gerald O'Neill
cc: Matt Parker
Date: October 29, 2024

Re: Preliminary evaluation of proposed well LL1, APN 039-320-270

This memorandum describes a preliminary modeling analysis of the effects of pumping the proposed well LL1 in Shasta Valley (Figure 1) on groundwater levels at nearby wells and streams.

The Shasta Watershed Groundwater Model (SWGM), documented in the GSP¹, was used to simulate pumping from the proposed wells. SWGM represents the best currently available scientific tool for this purpose. The model is presently being updated through the GSP process, and the most recent version available at the date of this memo (referred to herein as the current model) was used for the analysis presented in this memorandum.

SWGM was applied to compute impacts of the proposed pumping on nearby wells and the Shasta River, which may include changes in groundwater levels and changes in streamflow. Location, depth, pumping rate, and period of pumping, along with use information, were provided by the applicant and are listed in Table 1.

Model grid cell locations were determined from the well location provided in Google Earth, and model layer for the pumping from LL1 was determined from the land surface elevation at the proposed well site and the expected completion depth of the well.

Changes from the current model were computed by pumping LL1 at 325 gpm, for approximately 7 months from April through October, with a total annual volume of groundwater pumped of about 300 acre-feet.

In order to represent system conditions during a recent irrigation season, pumping for LL1 was added to the current SWGM for the seven months from April through October, 2022. Further, a second cycle of pumping was

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simulated from April through September, 2023, to demonstrate effects of a pumping and recovery cycle, followed by an additional pumping cycle.

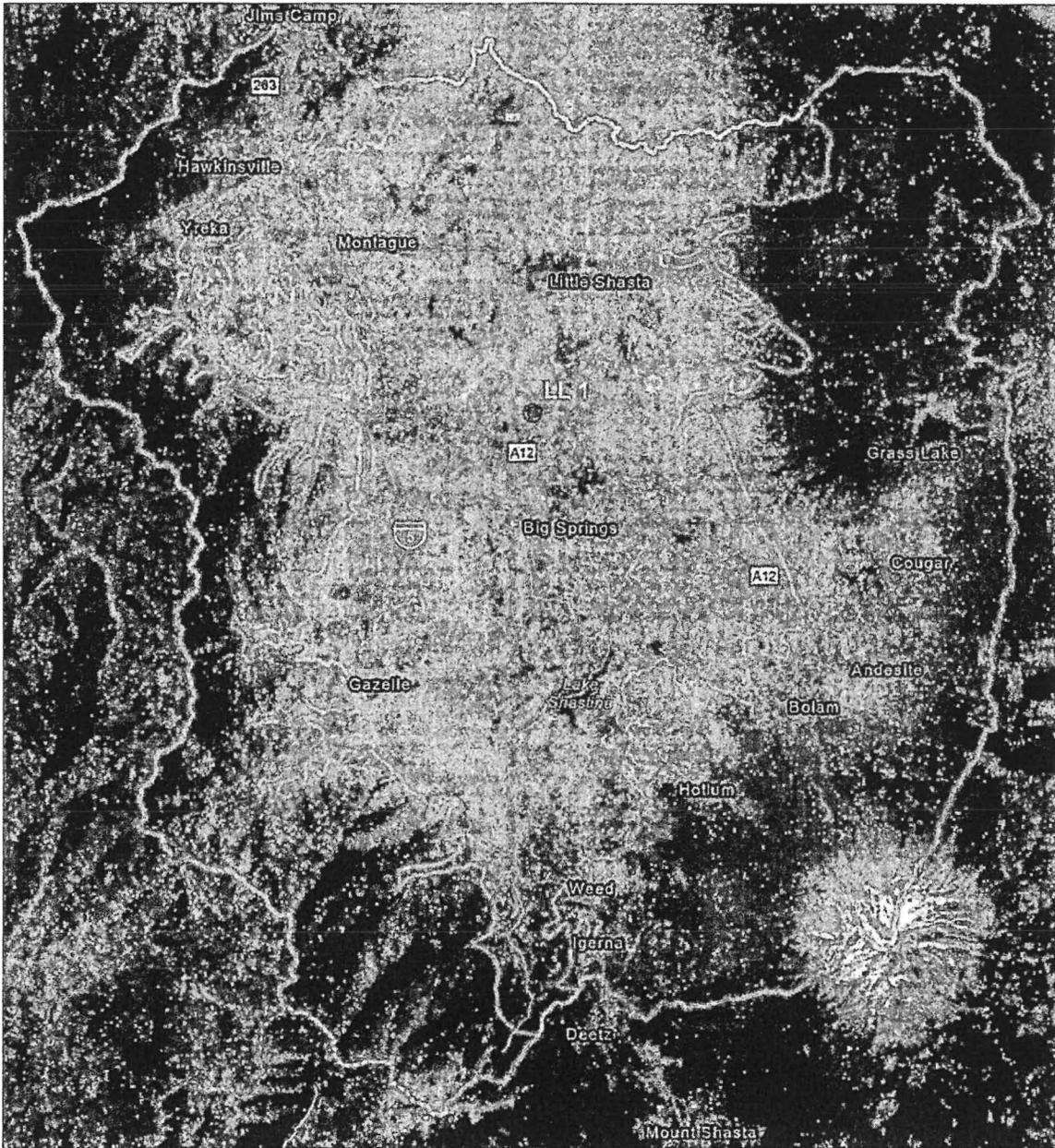


Figure 1. Map showing Shasta Valley watershed and groundwater basin, and proposed location of well LL1.

Table 1. Proposed well information.

Well	Estimated Pumping Rate (gpm)	Estimated Depth (ft)	Expected Pumping Period	Estimated Irrigated Area (acres)	Estimated Annual Volume Pumped (acre-ft)	Crop Type	Irrigation Method
LL1	325	1,000	7 Months	75	300	Pasture	Flood

Note that Table 1 indicates that well LL1 has an estimated depth of 1,000 ft, which is for drilling the test boring, but the expected well completion depth is 750 ft².

² Rick Dean, personal communication October 23, 2024.

Evaluation of Proposed Well LL1

Figure 2 shows locations of the proposed pumping well LL1, and nearby well c_29, which is a DWR regional monitoring well used in SWGM calibration. It is the only CASGEM³ well located within 1-mile of LL1 (at 0.56 miles). The screen interval of LL1 is located within SWGM model layer 4, corresponding with the expected depth of LL1 at 750 ft; the screen interval of c_29 corresponds with model layer 3. The model grid is shown for reference; the closest reach of the Shasta River, the nearest surface water body simulated in SWGM, is located 2.85 miles to the southwest of LL1. Model grid cells are uniform 270 m squares (~886 ft).

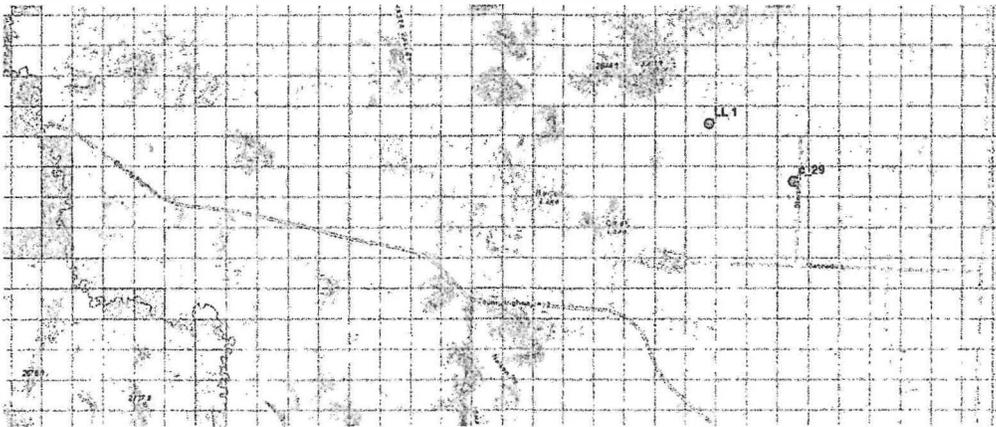


Figure 2. Map showing location of proposed well LL1, and DWR regional monitoring well c_29. Stream cells along the Shasta River, and the model grid, are also shown.

Figure 3 shows a cross-section along model row 78, where LL1 is located in layer 4 as shown by the symbol: blue circle with an X inside. Layers are numbered from top to bottom, where the top of layer 1 represents the land surface, and the bottom of layer 4 represents the base of the aquifer system. Green shaded cells in layer 1 represent the Shasta River, about 3.7 miles to the west along row 78, and red shaded cells represent virtual agricultural pumping wells⁴ in model layer 3. Cyan shaded cells in layer 1 represent farmers ditches.

³ California Statewide Groundwater Elevation Monitoring (CASGEM), California Statewide Groundwater Elevation Monitoring (CASGEM)

⁴ Actual agricultural irrigation well locations were not determined in the current model configuration; thus, virtual wells were used to distribute the irrigation pumping estimated by Davids Engineering and Larry Walker Associates.

The model layers approximately correspond with different geologic units at depth. Thickness of model layer 1 in the vicinity of the proposed wells varies from about approximately 5-15 m, or about 15-50 ft; thickness of layer 2 is approximately 50 m, or about 164 ft, thickness of layer 3 is 100 m, or about 328 ft, and thickness of layer 4 is 300-350 m or about 1,000-1,150 ft.

Cross-Section Along Row 78

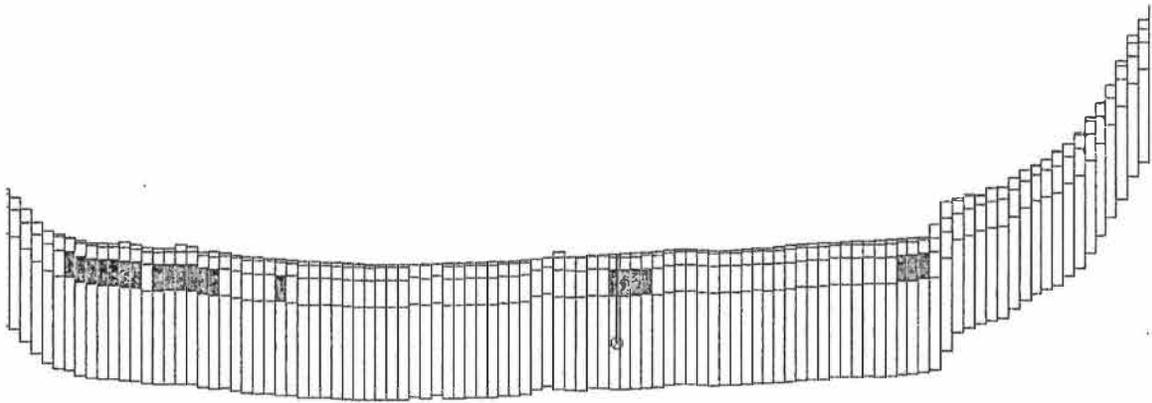


Figure 3. Cross-section of model grid in vicinity of well LL1. Model rows are oriented along east-west cardinal directions on a compass: east is to the right and west is to the left.

Figure 4 shows the SWGM computed drawdown⁵ at well c_29, located approximately 2,873 ft from LL1. Drawdown is plotted for model layer 3 where c_29 is screened. Time is shown in days since the start of the simulation, with pumping beginning at April 1, 2022 or 11,506 days from October 1, 1990, and cessation of pumping at October 31, 2022 or 11,719 days from model start time, for a pumping period of 213 days or 7 months. Drawdown is plotted at the end of each monthly "stress period" in the model over which pumping and recharge and stream flows are constant. After pumping stopped, groundwater levels recovered over 61 percent before a second cycle of pumping for 6 months, from April 1, 2023 through September 30, 2023, began. Note that computed drawdown increases in the second cycle because groundwater levels had not fully recovered before pumping resumed in the following irrigation season.

Maximum computed drawdown at c_29, for the conditions described above, is approximately 0.08 m or about 0.26 ft.

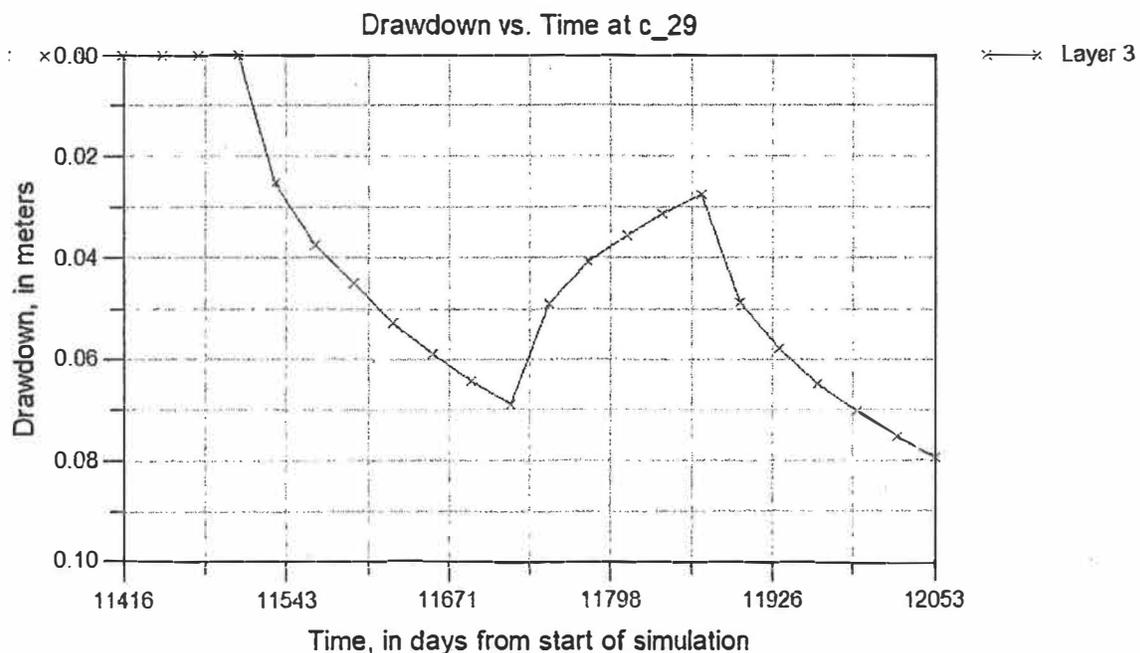


Figure 4. SWGM computed drawdown at well c_29, due to pumping from Well LL1.

⁵ Note that "drawdown" shown on the figures presented in this memorandum refers to the groundwater level difference between the current model and the simulation results.

Figure 5 shows contours of drawdown in Layer 1, the uppermost model layer, along with stream cells (shaded green) representing the Shasta River and its tributaries. Model computed drawdown at the Shasta River, to the west and south of LL1, from pumping Well LL1 in this simulation, is approximately 1 cm (0.01 m).

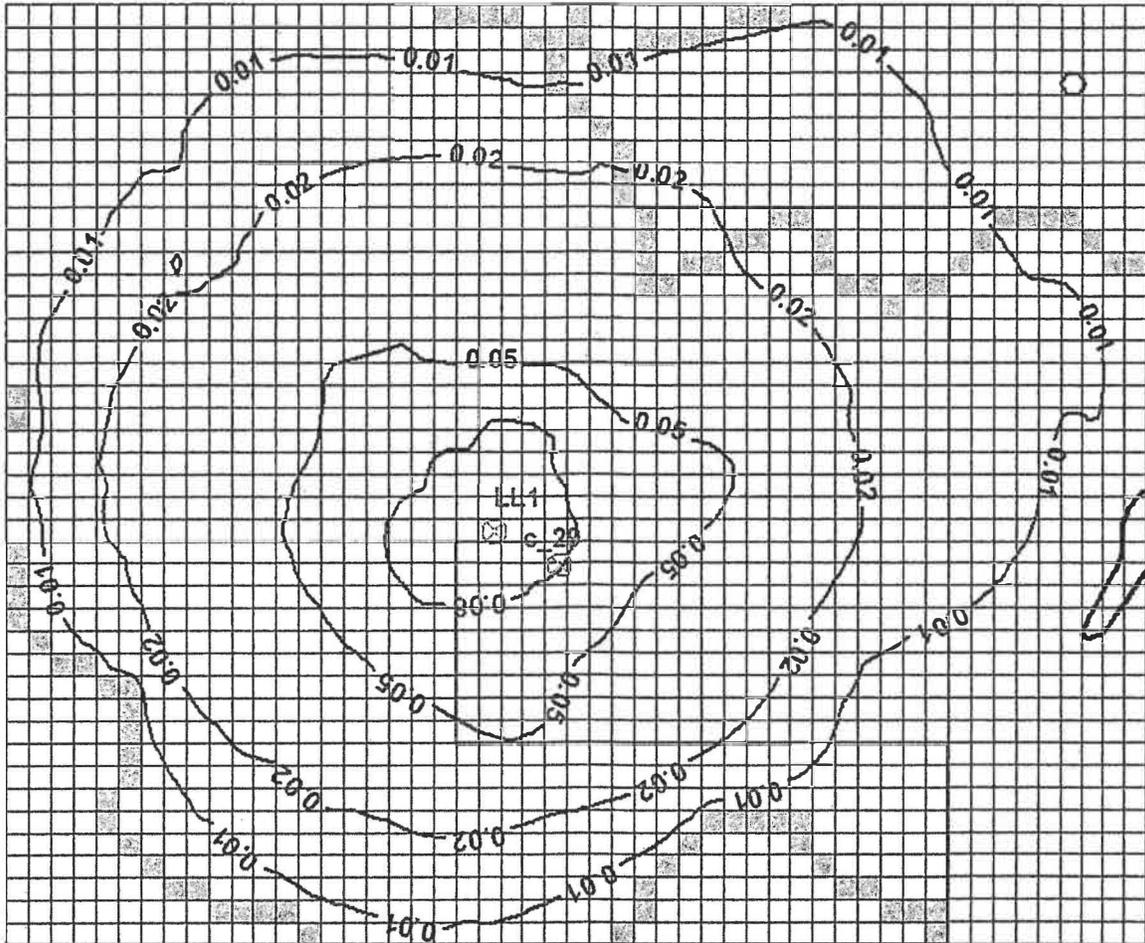


Figure 5. Drawdown contours in layer 1, in meters, resulting from pumping Well LL1 for 7 months. Contour interval varies.

Limitations

SWGM is presently being recalibrated with both new and updated hydrogeologic data, and with improved estimates of streamflow and diversions. Currently, some areas of the model are better calibrated than others. Thus, computed groundwater levels and flows, and stream flows, may change as improvements are included in the model. However, the proposed well evaluations are based on changes in heads from the current model, which should help minimize issues with the current status of calibration. An additional limitation of this analysis is that, currently, pumping from individual wells is evaluated separately; however, the effects of permitting multiple new wells are additive. Further, pumping cycles were simulated only in the most recent two years of the current model, i.e., from 2022-2023. Future hydrology (wet or dry years), if different than the period simulated, could result in more or less computed drawdown due to differences in accompanying aquifer recharge rates. A future simulation with projected hydrology could address this limitation on estimating long-term impacts from the proposed pumping.

Conclusions

The SWGM was used to compute groundwater level impacts, from pumping proposed well LL1, on nearby monitoring wells, and at the closest reach of the Shasta River. Results based on the current model suggest that pumping at the proposed location, depth, pumping rate and duration, would have minimal impact on nearby wells and groundwater levels adjacent to streams.

References

Siskiyou County Flood Control and Water District Groundwater Sustainability Agency, Shasta Valley Groundwater Sustainability Plan, January 2022, <https://www.co.siskiyou.ca.us/naturalresources/page/sustainable-groundwater-management-act-sgma>

October 29, 2024

MEMORANDUM

MEMO TO: RICK DEAN, DIRECTOR, COMMUNITY DEVELOPMENT
DIRECTOR; DAN WESSELL, DEPUTY DIRECTOR
ENVIRONMENTAL HEALTH, SISKIYOU COUNTY

FROM: MATT PARKER, SHASTA VALLEY GROUNDWATER
SUSTAINABILITY AGENCY, PLAN MANAGER

RE: GSA COMPATABILITY REVIEW: LAVA LAKES REPLACEMENT
PRODUCTION WELL PERMIT APPLICATION ON APN: 039-320-
270

The Shasta Valley Groundwater Sustainability Agency (GSA), has reviewed the above entitled replacement well permit application and accompanying LWA technical memorandum for a new replacement production well in the Shasta Valley. The GSA has considered the information in the application, along with the Siskiyou County Flood Control and Water Conservation District's Groundwater Sustainability Plan for the Shasta Valley.

➤ The Department finds:

- The application is for replacing a failed production well.
- The applicant is not expanding the applicant's irrigation footprint. (75 acres) outside the property's historic irrigation practices pre-2015.
- The replacement well will not cause an increase in net consumptive groundwater use in the Shasta Valley groundwater basin in accordance with the "Avoiding Significant Increase of Total Net Groundwater Use from the Basin" in the Shasta Valley Groundwater Sustainability Plan (Shasta GSP), Chapter 4.

➤ The applicant should be made aware of and encouraged to voluntarily implement practices as described in the Shasta GSP Chapter 4, to improve irrigation efficiency [for example, the applicant is welcome to work with Siskiyou County Natural Resources Staff, UC Cooperative Extension, Siskiyou RCD, NRCS or other entities with resources to assist in acquiring funding for irrigation efficiency improvements].

➤ Attachment:

- GSA Verification form
- Attachment #1 - LWA Technical Memorandum.

Groundwater Sustainability Agency Verification Form

Siskiyou County Flood Control and Water Conservation District

Owner Information

Name: Lava Lakes Ranch
Address: 6615 Sterchi Lane
City: Montague
Zip: 96064
Phone: 530-646-7021
Email:

Well Information

A.P.N: 039-320-270
Latitude: 41.65252
Longitude: -122.41946
Township 44N
Range 5W
Section 21

Groundwater Sustainability Agency:

The proposed well is not inconsistent with the Groundwater Sustainability Agency's adopted, or in progress, Groundwater Sustainability Plan; and,

The proposed well does not interfere with the Groundwater Sustainability Agency's SGMA authorities, including the Agency's addressing of undesirable results and the likelihood of achieving the sustainability goal.

I hereby certify that the GSA has reviewed the above conditions for the subject property for compliance with Executive Order N-7-22 and have marked each box for compliance as applicable.



 Groundwater Sustainability Agency Signature

Matt Parker

 Printed Name

10/22/24

 Date

Natural Resources / GSA Plan

 Title
 Manager

ATTACHMENT #1

Memorandum

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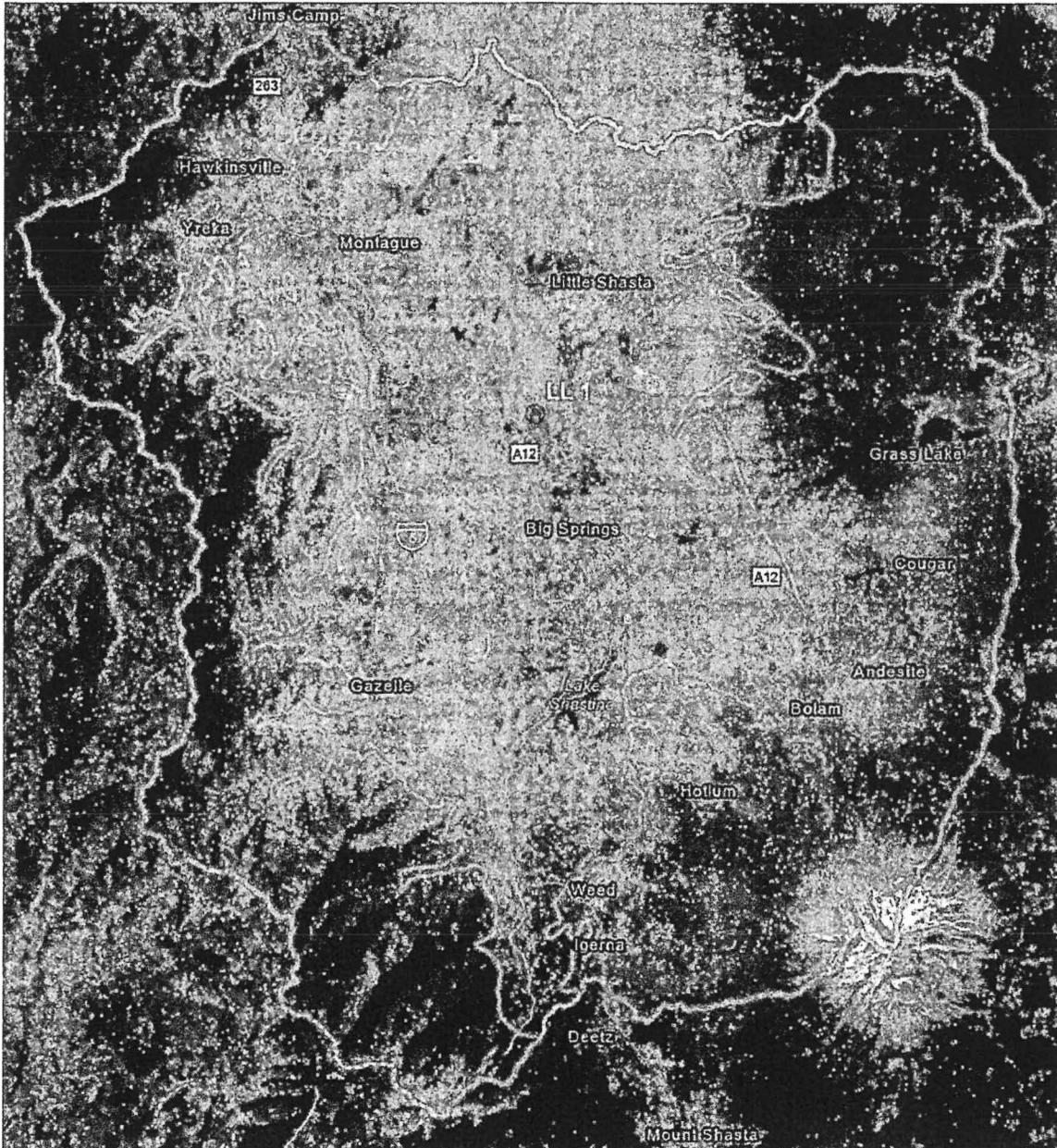


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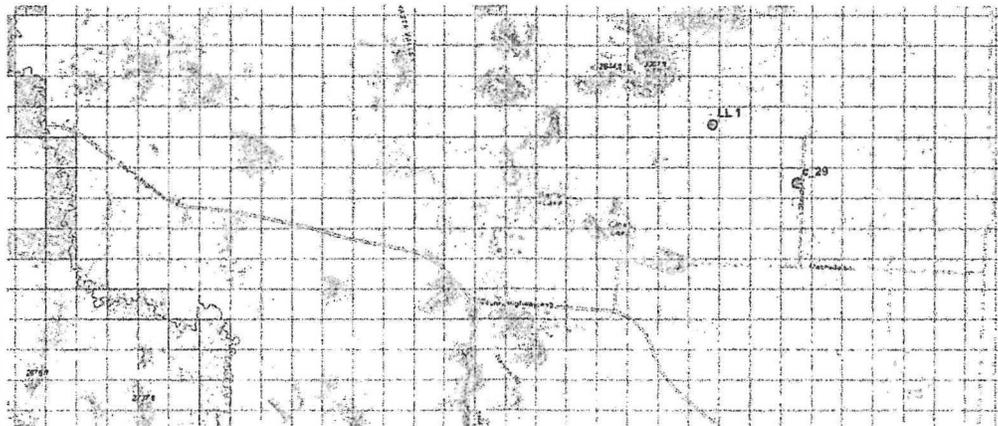


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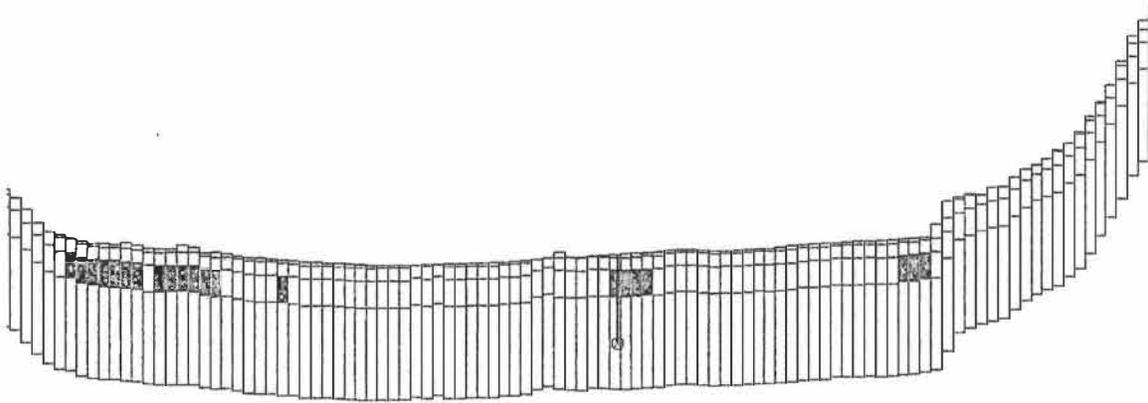


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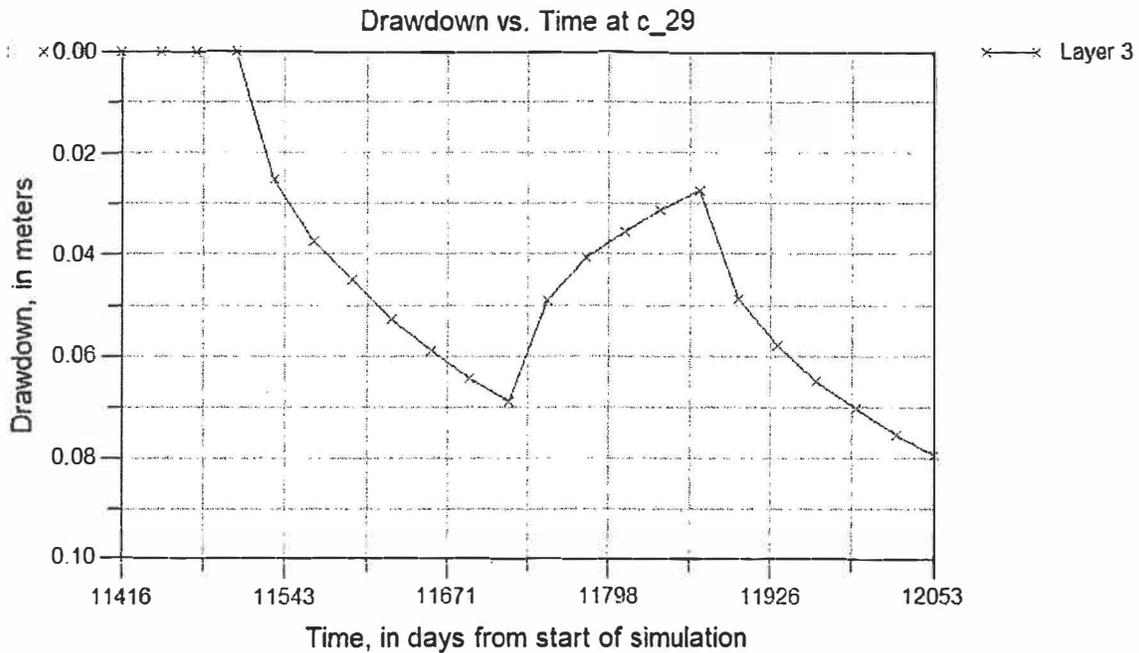


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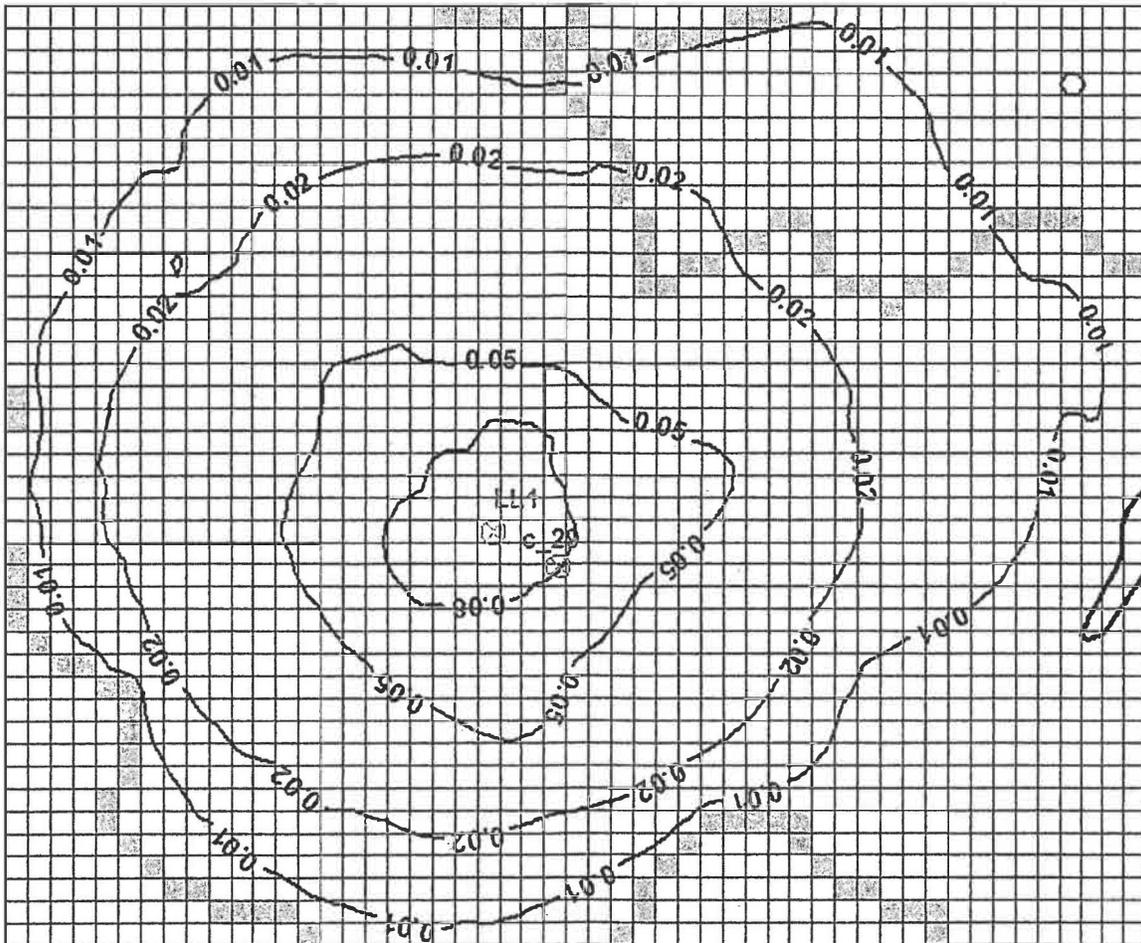


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Siskiyou County Community Development-Environmental Health Division

808 South Main Street, Yreka CA 96097
 Telephone: (530) 841-2100 FAX: (530) 841-4076

Permit # 2379
 Check # 2417

T44 MR SWS 21

WATER WELL PERMIT

PERMIT# W 23076

APPLICANT (Must be licensed contractor or property owner and must be legible)

Name LAVA LAKES RANCH

Address 6615 STERCHI LANE

Mailing Address P.O. BOX 7

City, State, Zip Code MONTAGUE, CA 96064

Telephone 530-646-7021 / Chris Del-dotto

Property Location
 Property Owner LAVA LAKE RANCH
 Assessors parcel # 039-320-270
 Location 6615 STERCHI LANE
 Parcel Size 433 AC

WELL CONTRACTOR
 Name NORTH STATE DRILLING
 Mailing Address 3282 CA-32
 City, State, Zip Code CHICO, CA 95973
 Telephone 530-891-5545
 License # 812678

FEES

Well permit.....	\$360
Well deepening.....	\$185
Well destruction.....	\$185
Monitoring Well(s) and Soil bores (First Three)	\$360
and \$75 for each additional well	

Well Type

<input type="checkbox"/>	Domestic.....	20 foot minimum
<input type="checkbox"/>	Industrial.....	50 foot minimum
<input checked="" type="checkbox"/>	Agricultural.....	20 foot minimum
<input type="checkbox"/>	Public.....	50 foot minimum
<input type="checkbox"/>	Monitoring.....	as approved #.....
<input type="checkbox"/>	Deepening.....	n/a
<input type="checkbox"/>	Destruction.....	n/a
<input type="checkbox"/>	Soil bores.....	as approved #.....
<input type="checkbox"/>	Other.....	as approved

Minimum thickness of annular space seal is 2 inches

A PLOT PLAN MUST be submitted on an 8.5" x 11" sheet of paper. It must include all property boundaries, waterways, roads, septic systems and structures, location of the proposed well in relationship to the property boundaries.

- Permit Conditions**
- Well driller must provide a minimum of 24 hours notice prior to installing or placing annular seal.
 - All wells must be drilled under a C-57 license
 - Applicant/well driller is responsible for maintaining all setbacks as approved by on location map below including a minimum of 100 feet from any established on-site sewage disposal location.
 - Owner and well contractor are required to submit a completed well log within 30 days of well completion.
 - This permit does not guarantee issuance of any other development permits or land use requests for this property.
 - This permit expires one year from the date of issuance.

For Official Use Only

Property Owner Verification 10-29-24 Date 10-29-24 Initials JD
 Set back Requirements 10-29-24 Initials JD
 Flood _____
 City Public Works _____

Received by VB Date 10-29-24
 Fee Received \$3600 CB 2417

Permission is hereby granted for the above well work in accordance with all State and County laws and standards as provided in Siskiyou County Code, Title 5, Chapter 8 and any conditions as set forth in this permit.

Issued by Pa Wood Date 10-29-24
 Seal Inspection _____ Date _____
 Seal Depth _____
 Final Inspection by _____ Date _____
 Inspection Notes: AG well replacement See condition below.
 Date Well Log Received _____ Log # _____

Owner/Contractor Signatures

SIGNATURE OF OWNER: (required on all applications)

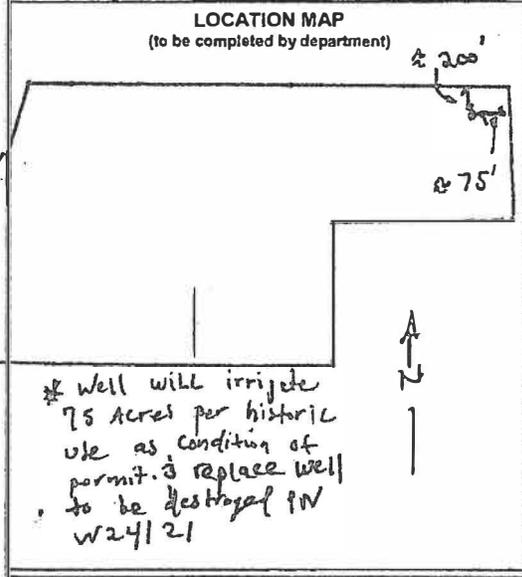
I am the owner of the property and certify that the information contained herein is accurate. I understand that this application will become a permit upon review and approval by the Environmental Division. I understand that well construction may not begin prior to receiving a permit and all terms and conditions apply. I hereby authorize SISKIYOU COUNTY to enter the property for inspection purposes.

I hereby authorize the contractor listed herein to obtain the permit
Chris Del-dotto 7/19/2022
 Signature Date

Signature of Contractor (required on all applications)

I certify that I possess a valid C-57 contractor's license that is in full force and effect. I certify that I have read this application and the above information is correct. I agree to comply with all Siskiyou County Ordinances and State Laws relating to this well construction. I understand that this application will become a permit upon review and approval by the Environmental Division. I understand that well construction may not begin prior to receiving a permit and all terms and conditions apply.

Cody Stitwell 7/28/22
 Contractor Date



Spokane Hwy A12

MACHADO Lane

STERCHI Lane

W. Coines Rd

House
6015
STERCHI
Lane

X
Fire-grist
old well

X
AG
well site

LAVA LAKES Lane.

T 44 N R 5 W

Tax Area Code
87-04
51-05

39-32

ASSESSOR'S CADASTRAL MAP

- 1. THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY.
- 2. THIS MAP IS NOT TO BE USED FOR THE ACCURACY OF THE DATA SHOWN.
- 3. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.

BOOK 38
PAGE 20

BOOK 38
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BOOK 38
PAGE 22

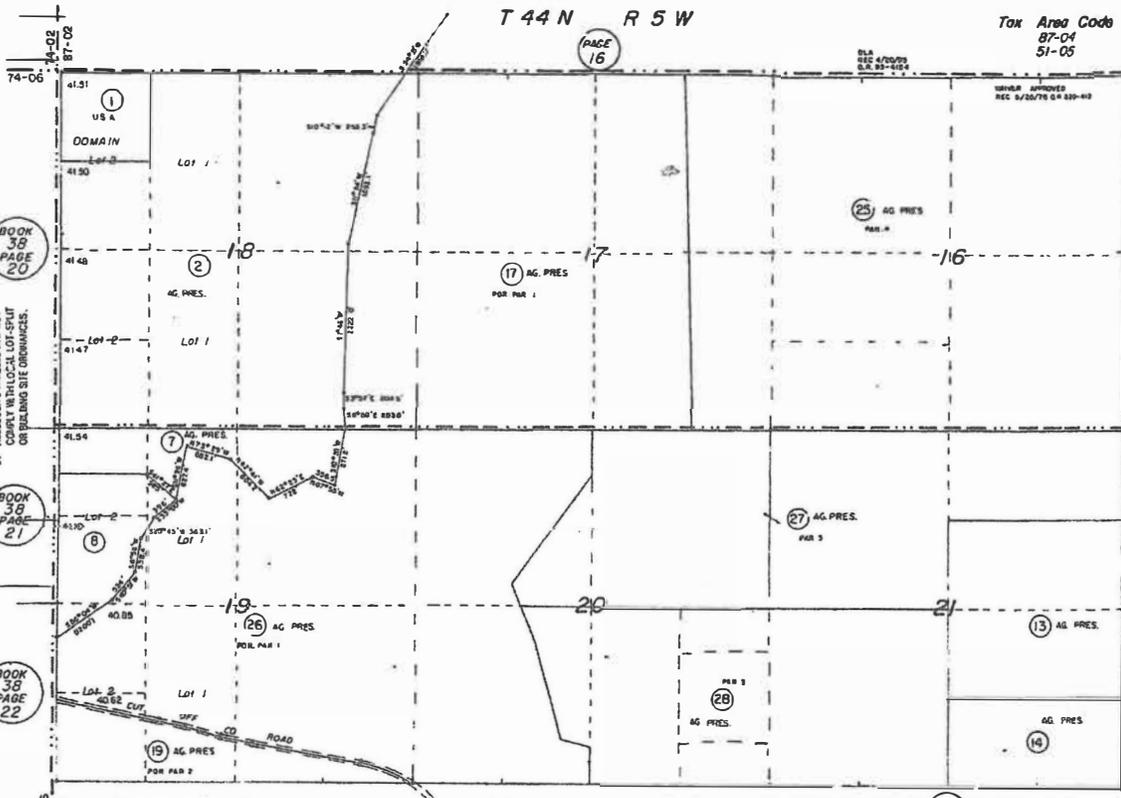
PAGE 16

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87-04

87-04
51-05

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Sanjour County Assessor's Office
April 1987

BLA
REC. 12/7/87
O.R. 9740.7518



Siskiyou County Development-Environmental Health Division
806 South Main Street, Yreka CA 96097
Telephone: (530) 841-2100 FAX: (530) 841-4076

1958

WATER WELL PERMIT

T R S

PERMIT#

APPLICANT (Must be licensed contractor or property owner and must be legible)

Name: Lava Lake Ranch
Address: 10615 Starck Lane
Mailing Address: PO Box 7
City, State, Zip Code: Montague CA 96064
Telephone: 530-646-7021

Property Location
Property Owner
Assessor's parcel #
Location
Parcel Size

WELL CONTRACTOR
Name: MOS
Mailing Address
City, State, Zip Code
Telephone
License #

FEE'S

Water Well Permit	\$360
Water Well Deepening	\$400
Water Well Destruction	\$360
Monitoring well construction or destruction and Seal bore	\$7 per foot
\$75 for each additional bore or W construction/destruction	

Well Type

<input type="checkbox"/> Domestic	Annular Seal Depth
<input type="checkbox"/> Industrial	20 feet minimum
<input type="checkbox"/> Agricultural	60 feet minimum
<input type="checkbox"/> Public	20 feet minimum
<input type="checkbox"/> Monitoring	As approved
<input type="checkbox"/> Deepening	As approved
<input type="checkbox"/> Destruction	As approved
<input type="checkbox"/> Seals bore	As approved
<input type="checkbox"/> Other	As approved

Minimum thickness of annular space seal is 2 inches

A PLOT PLAN MUST be submitted on an 8 1/2 x 11 sheet of paper. It must include a property boundaries, waterways, roads, septic systems and structures, location of the proposed well in relationship to the property boundaries.

Permit Conditions

- Well driller must provide a minimum of 24 hours notice prior to installing or placing annular seal.
- All wells must be drilled under a C-57 license.
- Applicant/well driller is responsible for maintaining all setbacks as approved by an location map below including a minimum of 100 feet from any established on-site sewage disposal location.
- Owner and well contractor are required to submit a completed well log within 30 days of well completion.
- This permit does not guarantee issuance of any other development permits or land use requests for this property.
- This permit expires 6 months from the date of issuance.

Owner/Contractor Signatures

SIGNATURE OF OWNER: (required on all applications)

I am the owner of the property and certify that the information contained herein is accurate. I understand that this application will become a permit upon review and approval by the Environmental Division. I understand that well construction may not begin prior to receiving a permit and all terms and conditions apply. I hereby authorize SISKIYOU COUNTY to enter the property for inspection purposes.

I hereby authorize the contractor listed herein to obtain the permit.

Signature: [Signature] Date: [Date]

SIGNATURE OF CONTRACTOR: (required on all applications)

I hereby certify that I am a duly licensed contractor and I have read and understand the information contained herein and agree to comply with all Siskiyou County, Ordinance and State Laws relating to well construction. I understand that this application will become a permit upon review and approval by the Environmental Division and that well construction may not begin until I receive a permit and all terms and conditions apply.

Signature: [Signature] Date: [Date]

For Official Use Only

Property Owner Verification Date: [Date]
Set back: [Feet]
Flood
Zoning
City Public Works

Received by: [Signature] Date: [Date]

Fee Received

Permit is hereby granted for the above well work in accordance with all Siskiyou County laws and standards, as provided in Siskiyou County Code, Title 5, Chapter 5 and any amendments set forth in the permit.

Issued by: [Signature] Date: [Date]

Seal in location: [Signature] Date: [Date]

Drawn by: [Signature] Date: [Date]

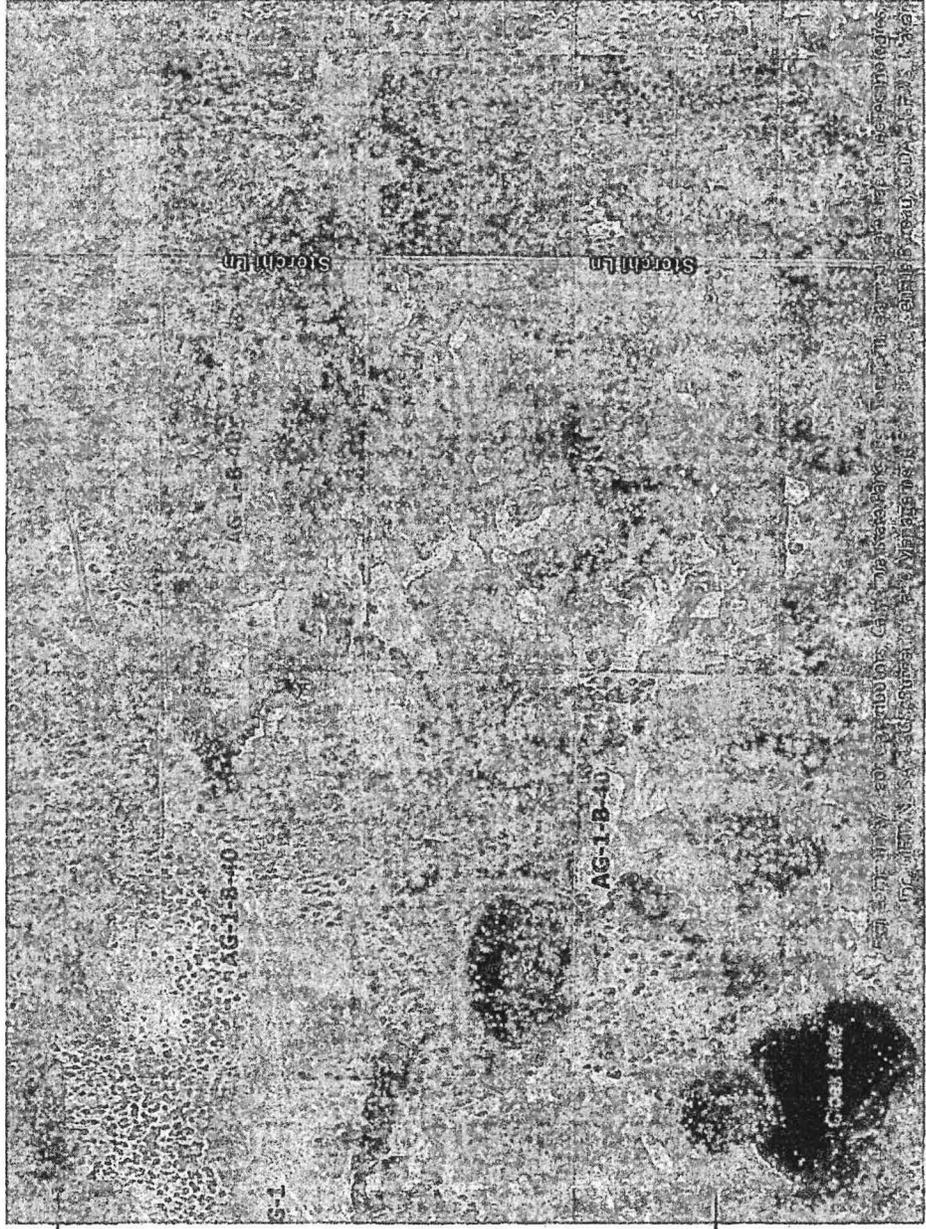
Printed by: [Signature] Date: [Date]

Inspection Notes: [Text]

Cost Well Log Received: [Text]

LOCATION MAP

(To be furnished by the applicant)



Storlin

Storlin

AG-1-B-40

AG-1-B-40

AG-1-B-40

S-1

Cart

Charles T. Driscoll and Ellen B. Driscoll
 Route 1, Box 97
 Newcastle, California

LICENSE 1000

ORIGINAL APPROPRIATED WELL COMPLETION REPORT - TO REPLACE #713270
 STATE OF CALIFORNIA

RECEIVED WELL COMPLETION REPORT

Refer to Instruction Pamphlet

STATE WELL REGISTRATION #
 LATITUDE _____ LONGITUDE _____
 APN: 018-018-0000

Page _____ of _____
 Owner's Well No. 42 NOV 03 1999 No. 713283
 Date Work Began _____ Ended 10-04-99
 Local Permit Agency SISKIYOU COUNTY HEALTH DEPARTMENT
 Permit No. 3287 Permit Date 8/18/99

GEOLOGIC LOG

ORIENTATION (±) VERTICAL HORIZONTAL ANGLE _____ (SPECIFY)
 DRILLING METHOD AIR ROTARY FLUID _____
 Describe material, grain size, color, etc.

DEPTH FROM SURFACE (ft)	DESCRIPTION
0	10: BASALT BOULDERS & TAN ADDBE.
10	54: HARD ROCK
54	80: GRAVEL & BROWN CLAY
80	170: GREEN CLAY WITH FEW BOULDERS
170	187: HARD GREEN/BLACK ROCK
187	220: BROWN CLAY WITH FEW BOULDERS
220	230: GREEN CLAY WITH FEW BOULDERS
230	250: GRAY CLAY WITH LARGE GRAVEL
250	270: GRAY CLAY & GRAVEL
270	285: HEAVING SAND & WATER
285	305: WHITE & BROWN CLAY & GRAVEL
305	640: MIXED COLORS (YELLOW, BROWN, GREEN, & BLACK) ROCK, MEDIUM TO HARD

WELL LOCATION

Address _____
 City _____
 County _____
 APN Book 39 Page 120 Parcel 710
 Township 46N Range 5W Section 20/21
 Latitude _____ Longitude _____

LOCATION SKETCH (NORTH/SOUTH)

ACTIVITY (±)
 NEW WELL
 MODIFICATION
 DEEPEN
 CLEAN (BASIC)
 DESTROY (PUMP, PUMP AND MOTOR, LIFT, ETC.)

PLANNED USES (±)
 WATER CLEVER
 DEEPEN
 IRRIGATION
 FLOOD CONTROL
 FLOOD CONTROL
 HEAT EXCHANGE
 DYE/DYESTUFF
 FLOOD CONTROL
 W/PCB EXTRACTION
 DRAINAGE
 RECREATION
 OTHER (SPECIFY) _____

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (ft) BELOW SURFACE
 DEPTH OF STAND WATER LEVEL 40 (ft) & DATE MEASURED 10/4/99
 ESTIMATED YIELD 50+ (GPM) & TEST TYPE AIRLIFT
 TEST LENGTH 2 (HRS) TOTAL DRAWDOWN _____ (ft)
 * May not be representative of a well's long-term yield.

DEPTH FROM SURFACE (ft)	Casing (9)	ANNULAR MATERIAL			
		CEMENT (±)	EDG (±)	FILL (±)	FILTER PACK (TYPE/AMT)
0 - 80	STEEL 6" 250		X		
80 - 640	STEEL 6" 156				

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

QUARIUS WELL DRILLING INC
 100 BOX 6 MT SHASTA CA 96057
 DATE: 10/14/99

Environmental Health Department Water Well Permit Application

All new well applications in the Scott River Watershed require submission of the following information, to the extent that it can be reasonably known. The Environmental Health Department collects this information to consider effects on Public Trust resources before a new well permit is issued.

WELL LOCATION AND OWNER INFORMATION			
Well Location Address:	6615 STERCHI LANE	City:	MONTAGUE
Well Location APN:	039-320-270		
Well Latitude:	41.652267	Well Longitude:	-122.419446
Applicant Name:	NORTH STATE DRILLING	Applicant Title:	DRILLING CONTRACTOR
Applicant Address:	3282 STATE HIGHWAY 32	City:	CHICO
Applicant Phone:	530-891-5545	Applicant email:	dale@wellindustriesinc.com
Property Owner Name:	LAVA LAKES RANCH		
Property Owner Address:	6615 STERCHI LANE	City:	MONTAGUE
Property Owner Phone:	530-646-7021	Property Owner email:	pmarenco40@gmail.com

PROPOSED WELL INFORMATION			
REPLACEMENT IRRIGATION WELL			
Use of Well:	<input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Small Public Water Supply <input type="checkbox"/> Municipal Public Water Supply <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Other:		
IF OTHER THAN DOMESTIC WELL PERMANENT PASTURE			
Proposed Well Capacity (gal/ft):		Estimated Pumping Rate (gal/min):	500 GPM
Anticipated Pumping Schedule (gal/day):		Estimated month(s) of use: (ex., March – August; or "year round")	June - September
Estimated Annual Extraction Volume (325,850 gal/acre foot)(acre-feet):			T.B.D.
Acres to be Served by Well			

DECREE WATER RIGHTS

Is the right for the use of all or part of the water that would be extracted through this well subject to a Decree or other Court Order?

YES NO

If YES, please specify: _____

Please describe the right in acres served or acre feet adjudicated: _____

pmarenco40@gmail.com

SITING INFORMATION					
Distance To Nearest (ft.):	Onsite:	Offsite:	Distance To Nearest (ft.):	Onsite:	Offsite:
Wastewater Treatment System:	>2,000'		Transmission Lines:	UNK.	UNK.
Onsite Well:	>2,000'		Pond/Lake:		> 1 MILE
Sewer Lines:	>2,000'		Stream/River:		> 1 MILE
Animal or Fowl Enclosure:	300'				

MAP INFORMATION
A map of the well location must be attached to this form and shall include the following information:
<input checked="" type="checkbox"/> Legal lot and parcel dimensions.
<input checked="" type="checkbox"/> All well locations on legal lot and parcel with type and use information shown for each well.
<input checked="" type="checkbox"/> Distance from proposed well to any potential sources of pollution onsite and on adjacent properties, including: Existing or proposed onsite sewage treatment systems, wells, animal or fowl enclosures, transmission lines, sewer lines.
<input checked="" type="checkbox"/> Distance from ponds, lakes, and streams within 300 feet.

I hereby certify that the information I have provided is accurate and truthful to the extent reasonably known. I understand that well construction may not begin prior to receiving a permit and all terms and conditions apply. I hereby authorize SISKIYOU COUNTY to enter the property for inspection purposes.

Signed: Cody Stilwell, Mgr. Date: 9/25/2023

Information Provided By: Well Driller Well/Property Owner
 Other: _____

Signature of Contractor (required on all applications)

I certify that I possess a valid C-57 contractor's license that is in full force and effect. I certify that I have read this application and the above information is correct. I agree to comply with all Siskiyou County Ordinances and State Laws relating this well construction. I understand that well construction may not begin prior to receiving a permit and all terms and conditions apply.

Cody Stilwell, Mgr. 9/25/2023
 Contractor Date

