



State of California - Department of Fish and Wildlife
2024 ENVIRONMENTAL DOCUMENT FILING FEE
CASH RECEIPT
DFW 753.5a (REV. 01/01/24) Previously DFG 753.5a

Print

Save

RECEIPT NUMBER:

47-11/07/2024-054

STATE CLEARINGHOUSE NUMBER (if applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY	LEAD AGENCY EMAIL	DATE
ENVIRONMENTAL HEALTH DIVISION		11/07/2024
COUNTY/STATE AGENCY OF FILING	DOCUMENT NUMBER	
SISKIYOU COUNTY	2024-47-054	
PROJECT TITLE		

WATER WELL PERMIT #23076

PROJECT APPLICANT NAME	PROJECT APPLICANT EMAIL	PHONE NUMBER
LAVA LAKES RANCH		(530) 841-2100
PROJECT APPLICANT ADDRESS	CITY	STATE
806 SOUTH MAIN ST	YREKA	CA
		ZIP CODE
		96097

PROJECT APPLICANT (Check appropriate box)

☐ Local Public Agency ☐ School District ☐ Other Special District ☐ State Agency ☒ Private Entity

CHECK APPLICABLE FEES:

☐ Environmental Impact Report (EIR) \$ 4,051.25 \$ _____
☐ Mitigated/Negative Declaration (MND)(ND) \$ 2,916.75 \$ _____
☐ Certified Regulatory Program (CRP) document - payment due directly to CDFW \$ 1,377.25 \$ _____

☒ Exempt from fee

☒ Notice of Exemption (attach)

☐ CDFW No Effect Determination (attach)

☐ Fee previously paid (attach previously issued cash receipt copy)

☐ Water Right Application or Petition Fee (State Water Resources Control Board only) \$ 850.00 \$ _____
☐ County documentary handling fee \$ 50.00 \$ _____
☐ Other \$ _____

PAYMENT METHOD:

☐ Cash ☐ Credit ☐ Check ☐ Other

TOTAL RECEIVED \$ 0.00

SIGNATURE	AGENCY OF FILING PRINTED NAME AND TITLE
X 	Wendy Winningham Deputy Clerk

CALIFORNIA ENVIRONMENTAL FEE FORM

On 11/5/2024, Lava Lakes Ranch filed an application
(Date) (Name)

for development with the County of Siskiyou. Before the application
(Name of City)

is accepted as complete for processing, fees in the following amount(s) must be deposited with the County Clerk.

☒	Clerk Processing Fee	\$50.00
☐	Negative Declaration	\$2,916.75*
☐	EIR	\$4,051.25
☒	Categorically Exempt	\$0.00
☐	Statutorily Exempt	\$0.00
☐	Fee Exemption issued by the DFG	\$0.00
☐	Other _____	\$ _____

No project shall be operative, vested or final until the required fee is paid. *Public Resources Code §21089 (b)*

On 11/5/2024, Siskiyou Environmental Health deposited \$ \$50.00,
(Date) (Name)

with the Siskiyou County Clerk _____

(Attest)

Application No. _____

Receipt # 47-11/07/2024-054/
2504307

(To be completed when application is received for processing)

2024 003742

* If it is determined by Siskiyou County that the fee required for a Negative Declaration does not apply to your project a refund will be granted.

2024 Fee Form

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

Project Applicant: Lava Lakes Ranch

NOV 07 2024

Project Location - Specific:

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

LAURA BYNUM, CLERK
BY: Wendy [Signature]
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: [Signature] Date: 11/15/2024 Title: Director

☒ Signed by Lead Agency ☐ Signed by Applicant

Authority cited: Sections 21033 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 preformed 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

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

¹ 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/shasta-valley>

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

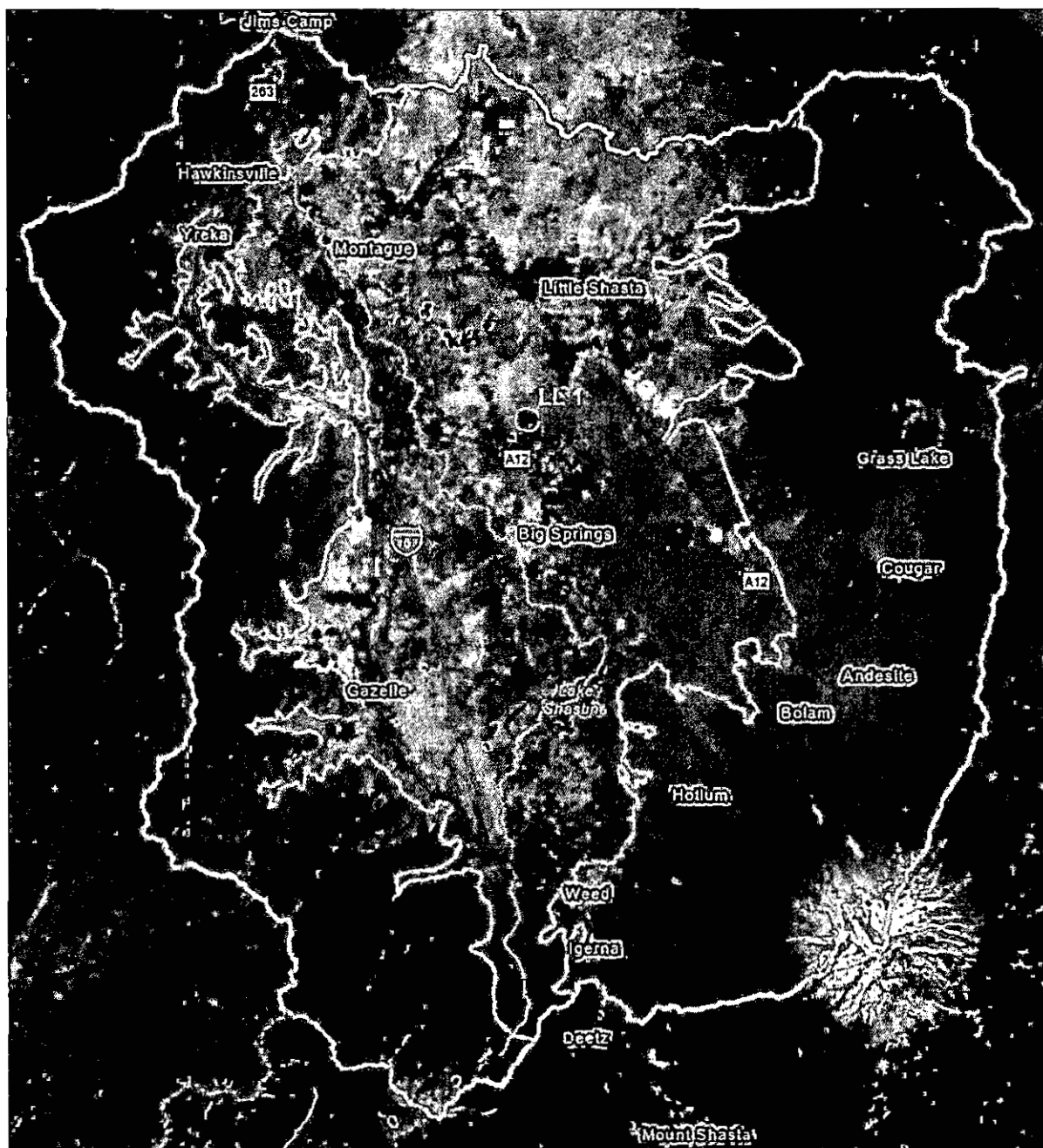


Figure 1. Map showing Shasta Valley watershed and groundwater basin, and proposed location of well LL1.

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).

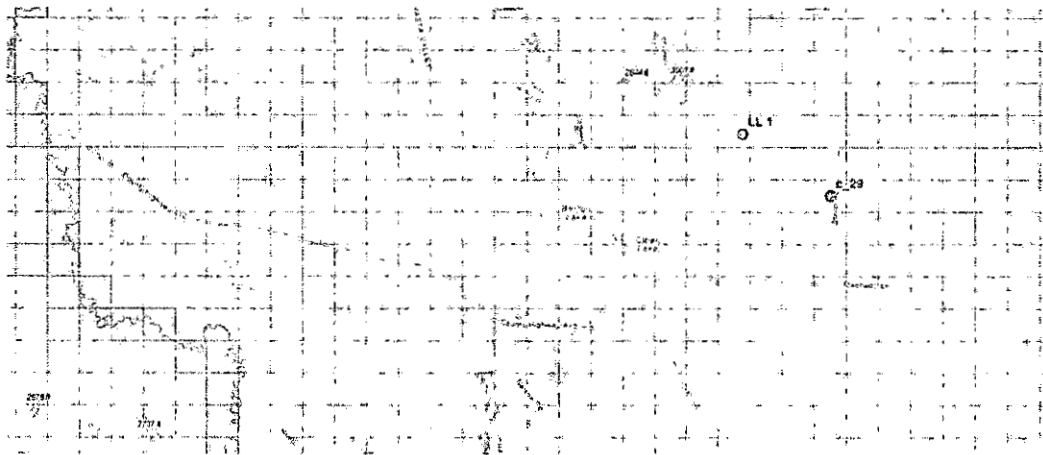


Figure 2. Map showing location of proposed well LL1, and DWR regional monitoring well c_29. Stream cells along the Shasta River, and the model grid, are also shown.

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

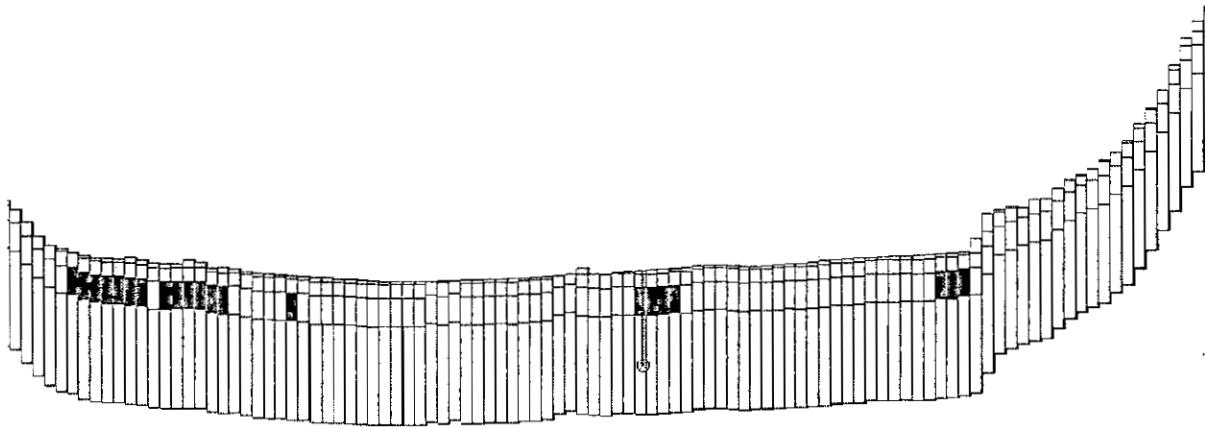


Figure 3. Cross-section of model grid in vicinity of well LL1. Model rows are oriented along east-west cardinal directions on a compass: east is to the right and west is to the left.

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.

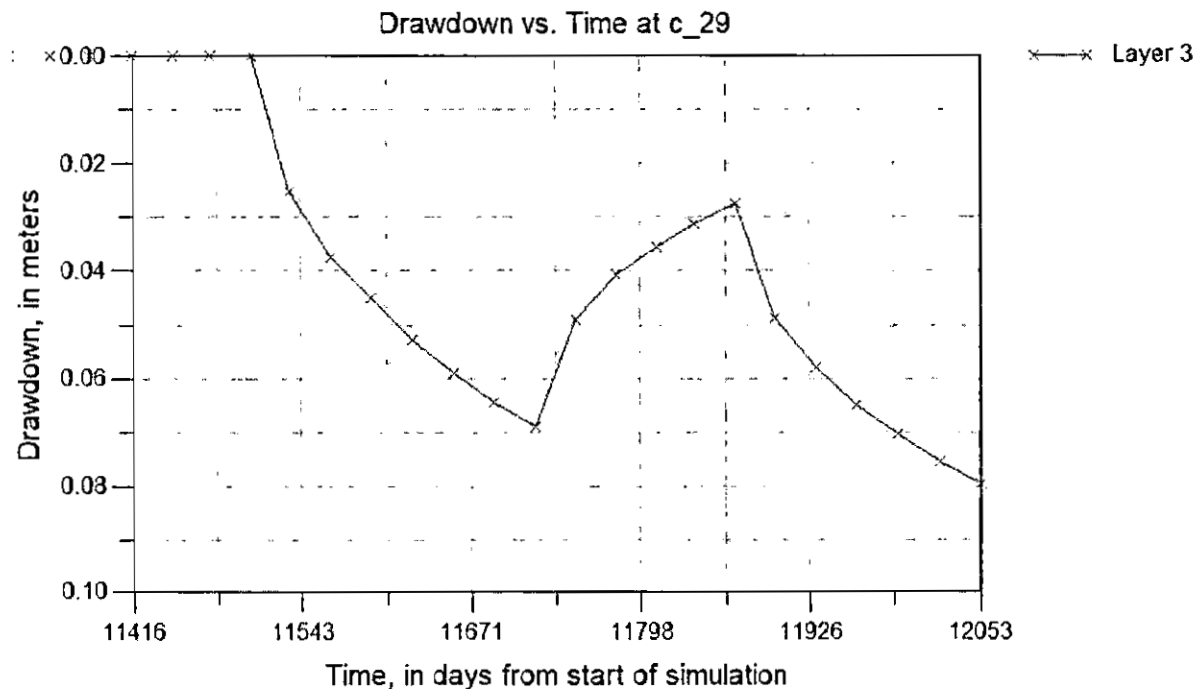


Figure 4. SWGM computed drawdown at well c_29, due to pumping from Well LL1.

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).

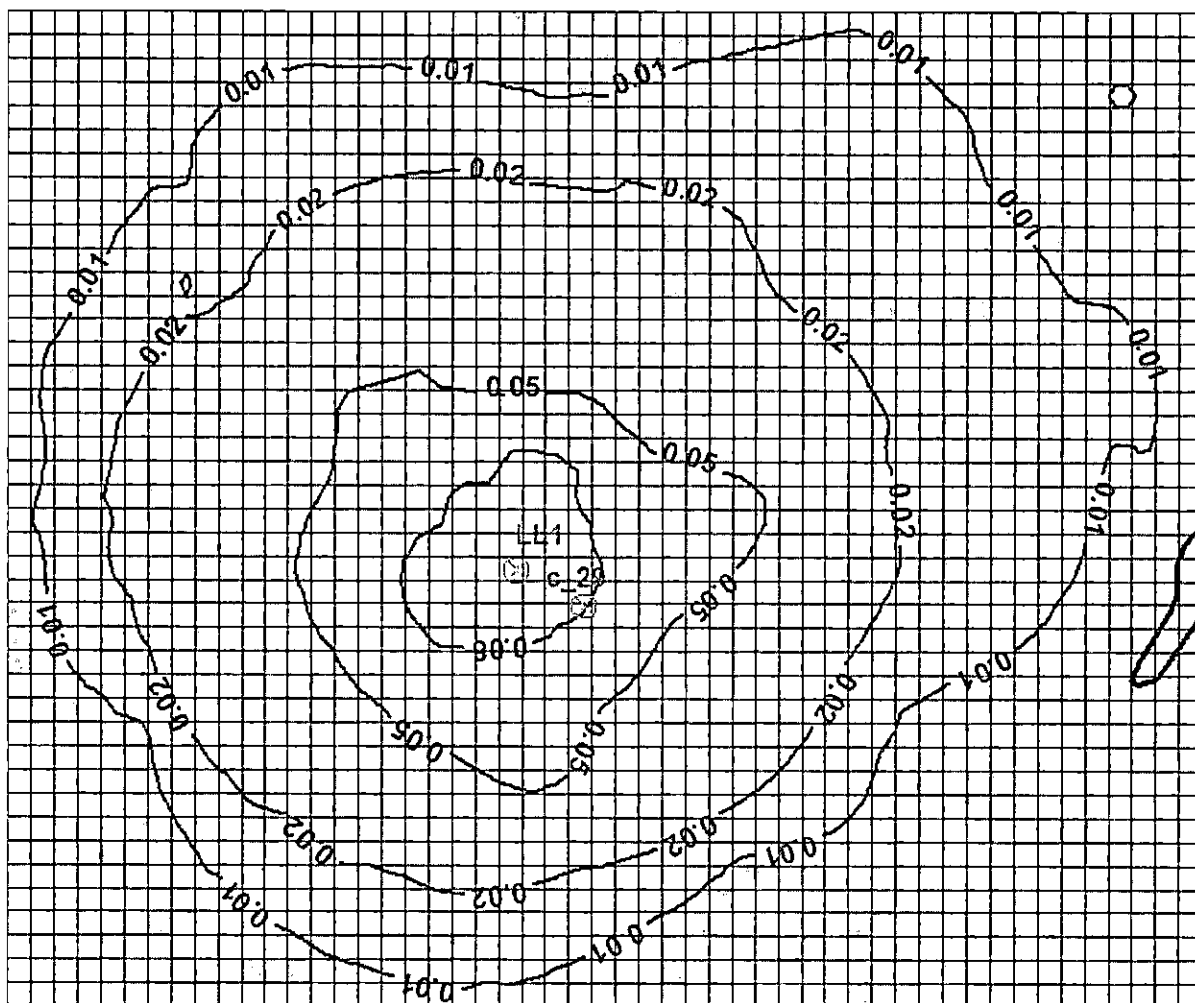


Figure 5. Drawdown contours in layer 1, in meters, resulting from pumping Well LL1 for 7 months. Contour interval varies.

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-sigma>

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

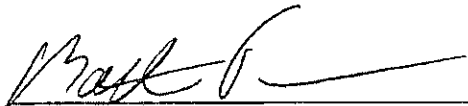
A.P.N: 039-320-270
Latitude: 41.65252
Longitude: -122.41946
Township 44N
Range 5W
Section 21

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
Manage
Title

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

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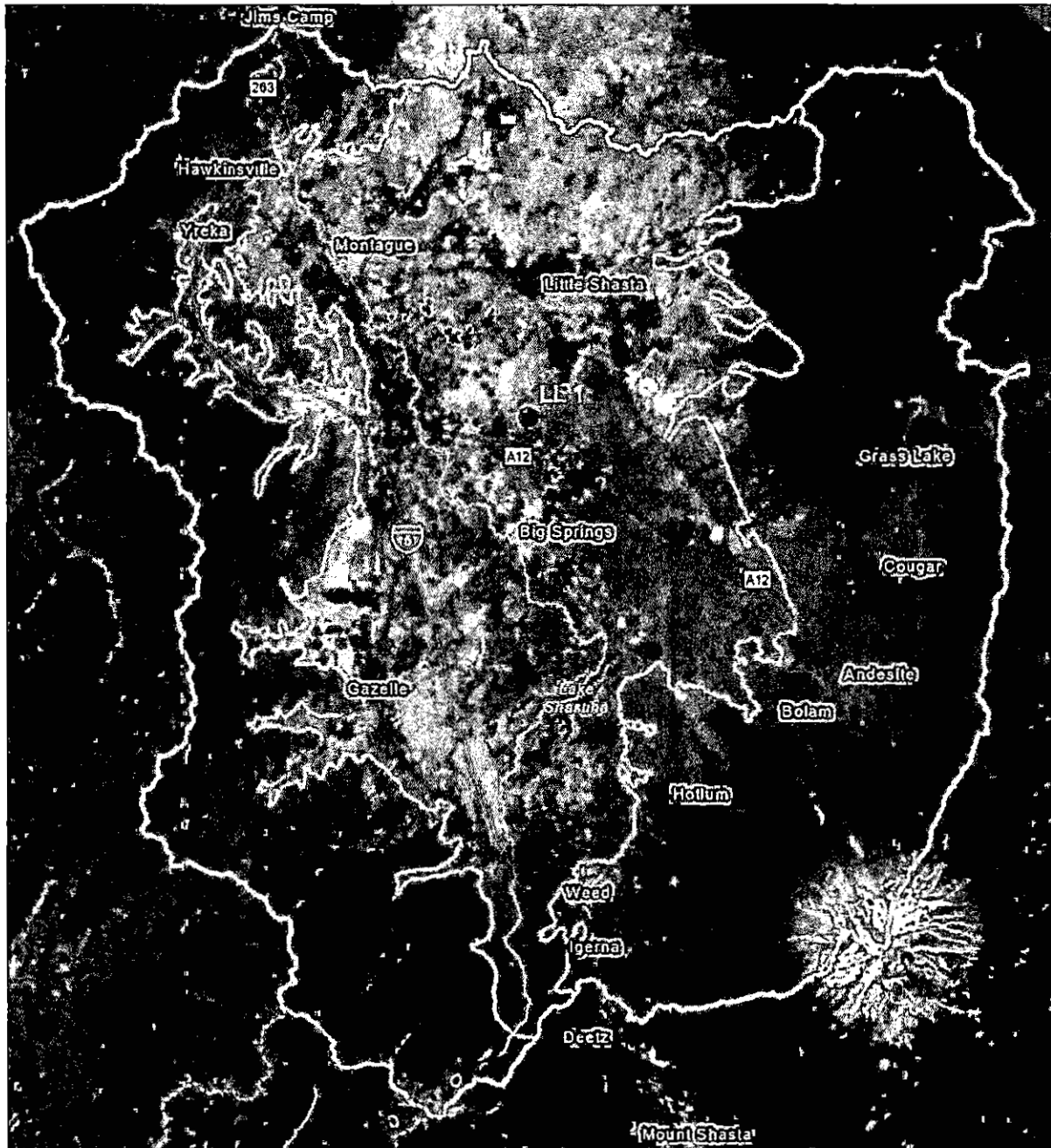


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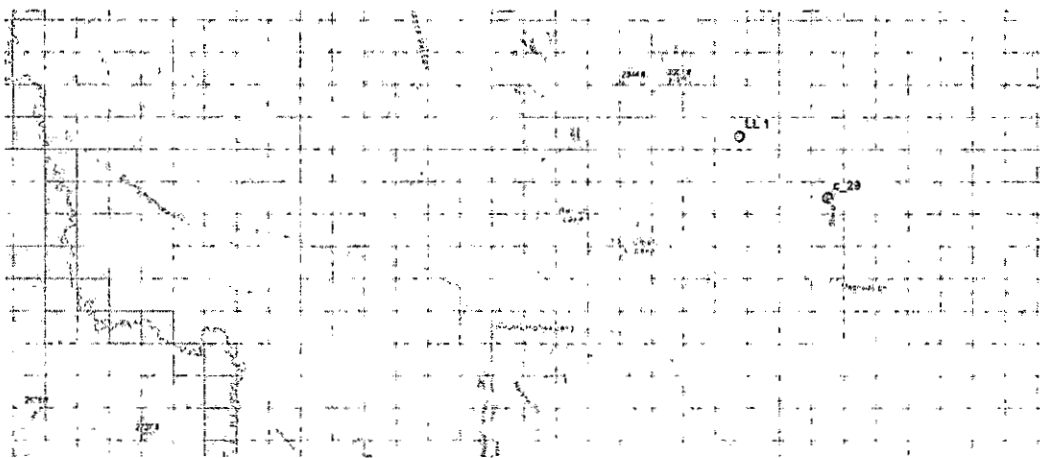


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Cross-Section Along Row 78

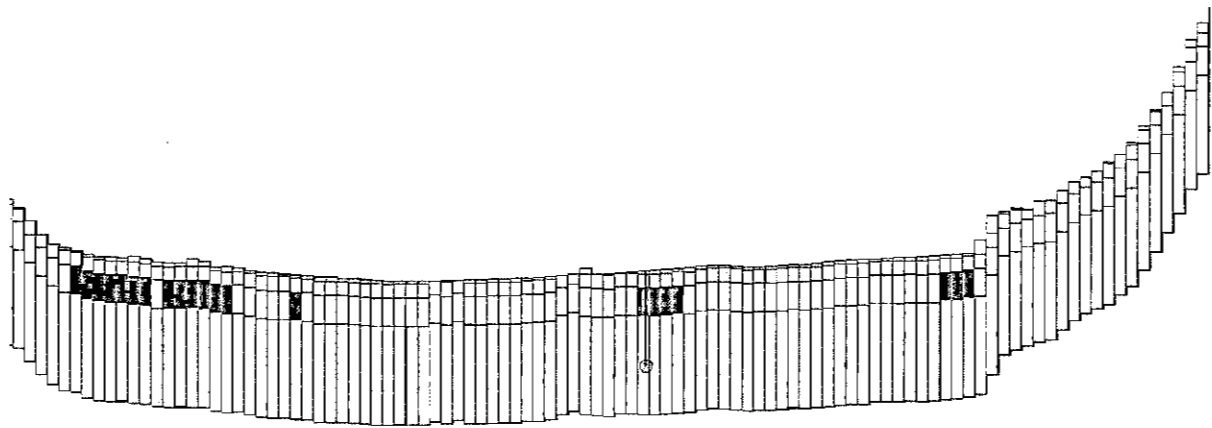


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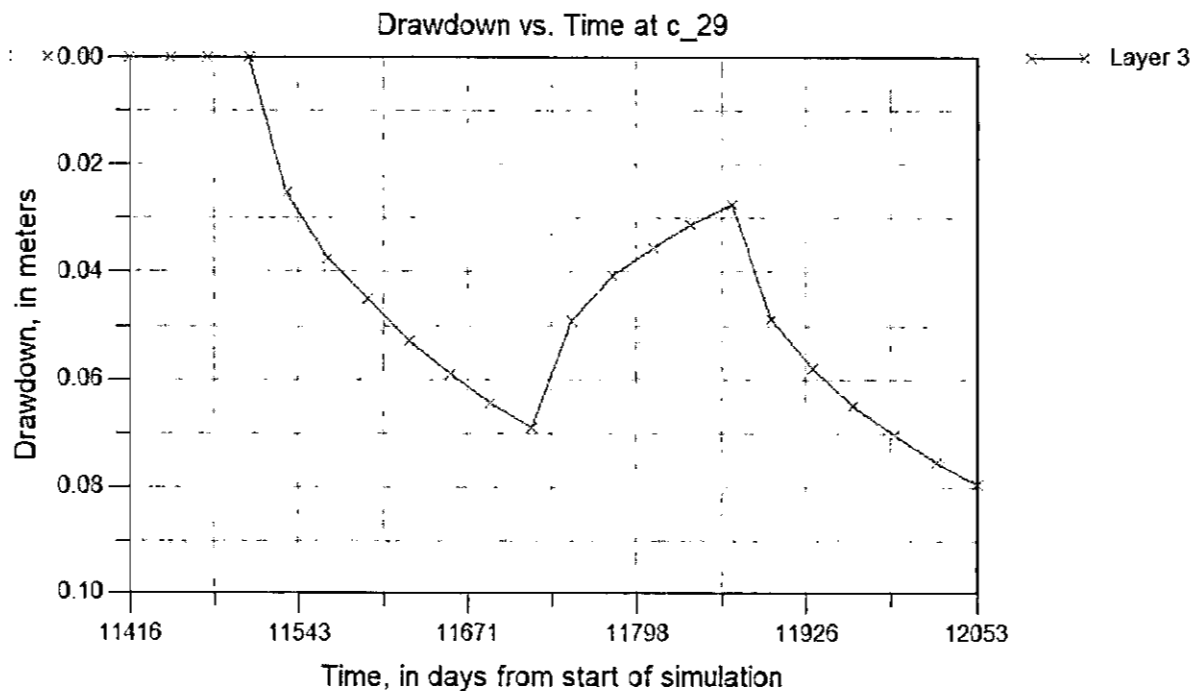


Figure 4. SWGM computed drawdown at well c_29, due to pumping from Well LL1.

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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).

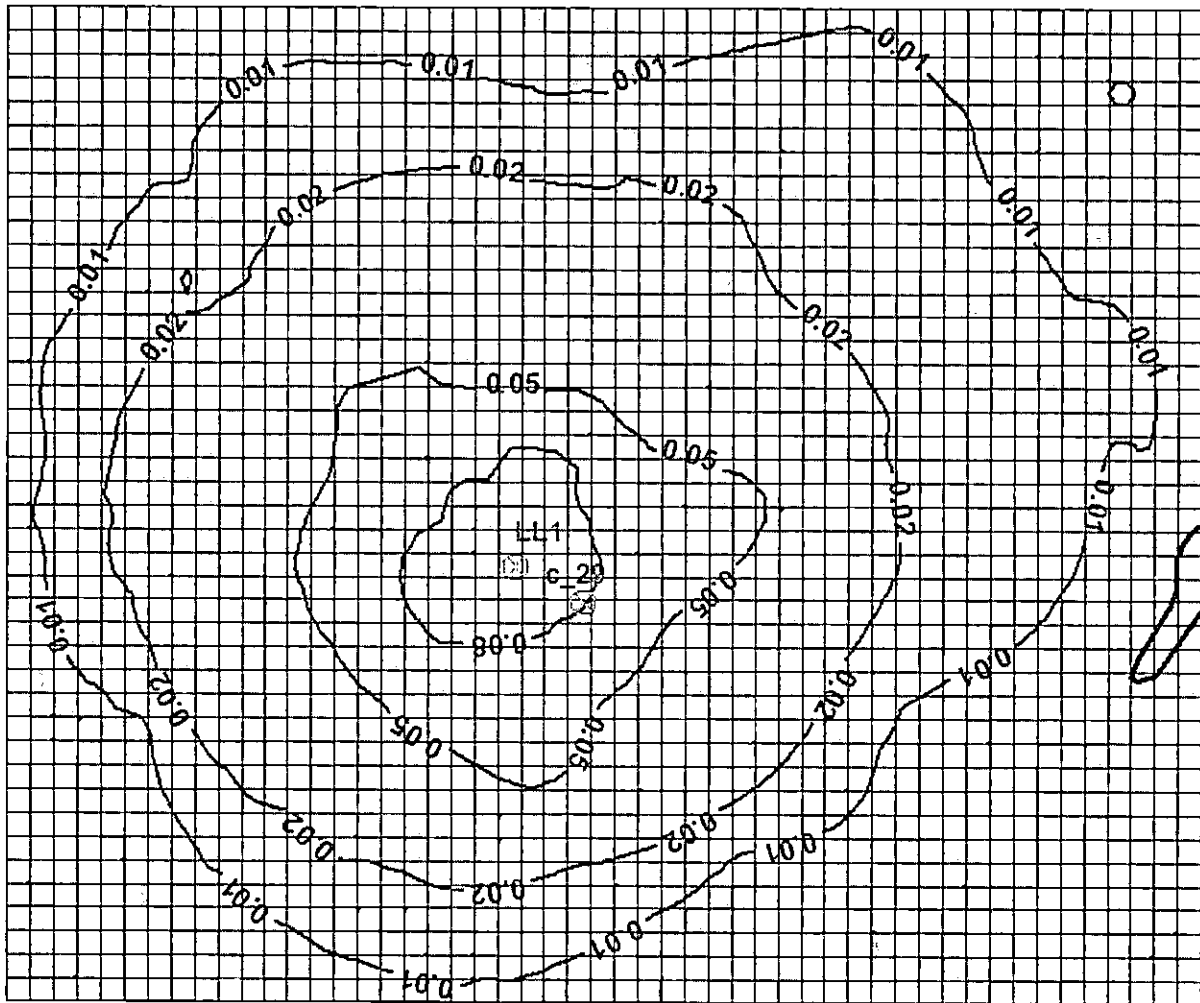


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Conclusions

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Siskiyou County Community Development-Environmental Health Division

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

Permit # 23076
Check # 2417

T 44 NR 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

Well Type	Annular Seal Depth
☐ Domestic	20 foot minimum
☐ Industrial	50 foot minimum
☒ Agricultural	20 foot minimum
☐ Public	50 foot minimum
☐ Monitoring	as approved #
☐ Deepening	n/a
☐ Destruction	n/a
☐ Soil bores	as approved #
☐ 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.

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 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 Sitwell 7/28/22
Contractor Date

Property Location	
Property Owner	<u>LAVA LAKES RANCH</u>
Assessors parcel #	<u>039-320-270</u>
Location	<u>6615 STERCHI LANE</u>
Parcel Size	<u>433 AC</u>

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

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

For Official Use Only

Property Owner Verification	Date <u>10-29-24</u>	Initials <u>JD</u>
Set back Requirements	<u>10-29-24</u>	<u>JD</u>
Flood		
City Public Works		

Received by HB Date 10-29-24
Fee Received \$3600 CH 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 Da. W. H. H. Date 10-29-24
Seal Inspection _____ Date _____

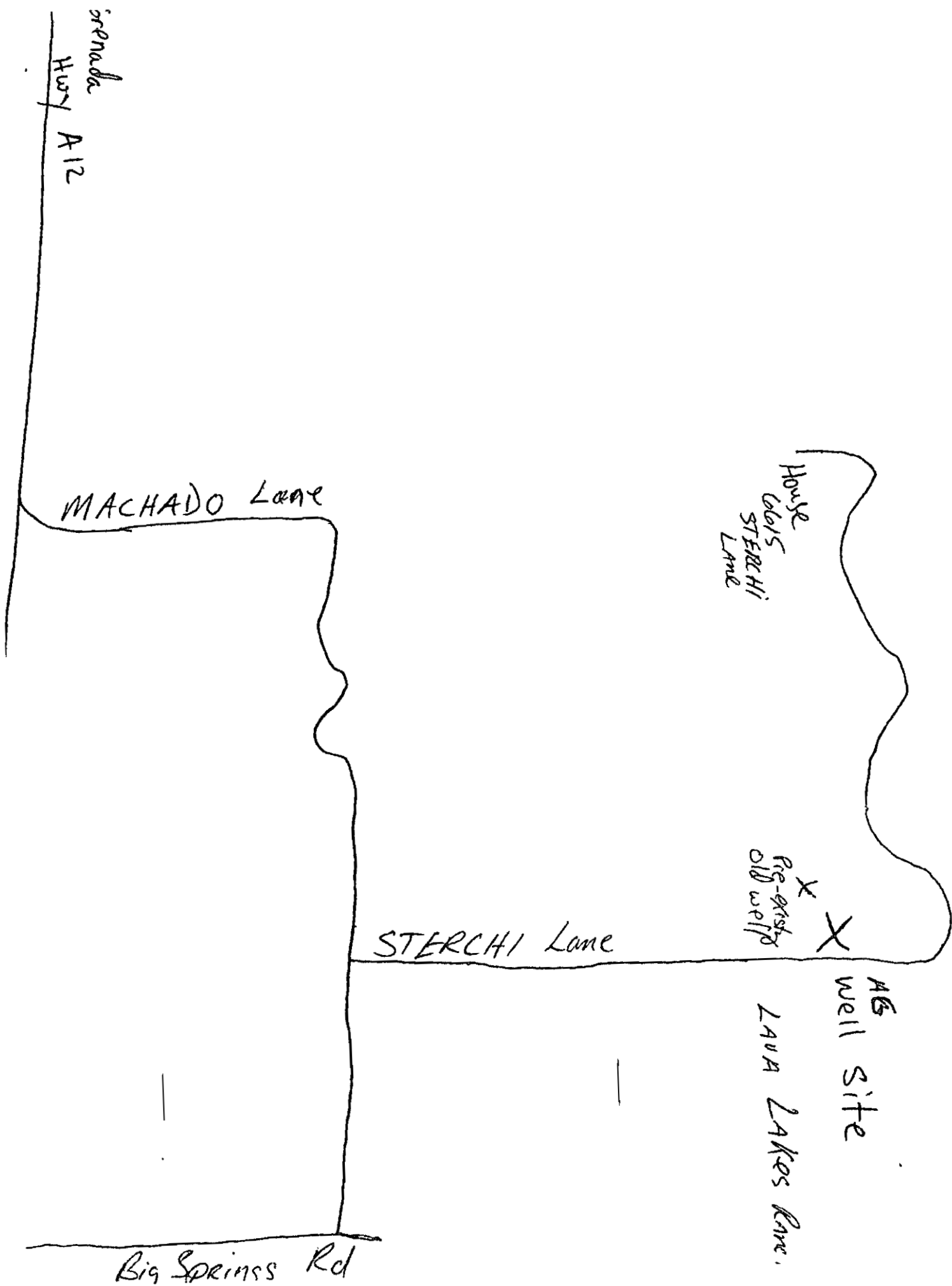
Seal Depth _____

Final Inspection by _____ Date _____

Inspection Notes: AB well replacement See condition below.
Date Well Log Received _____ Log # _____

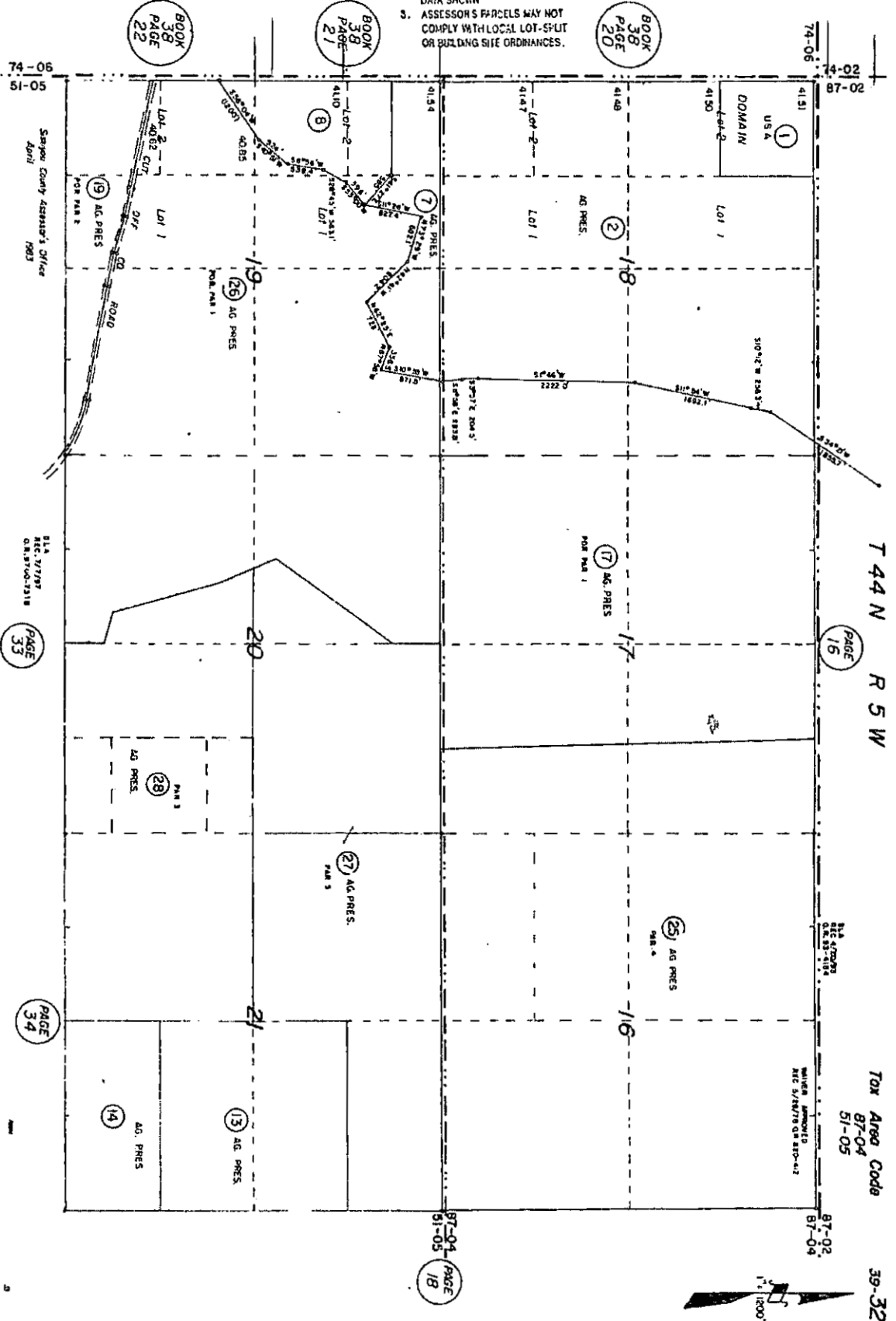
LOCATION MAP (to be completed by department)

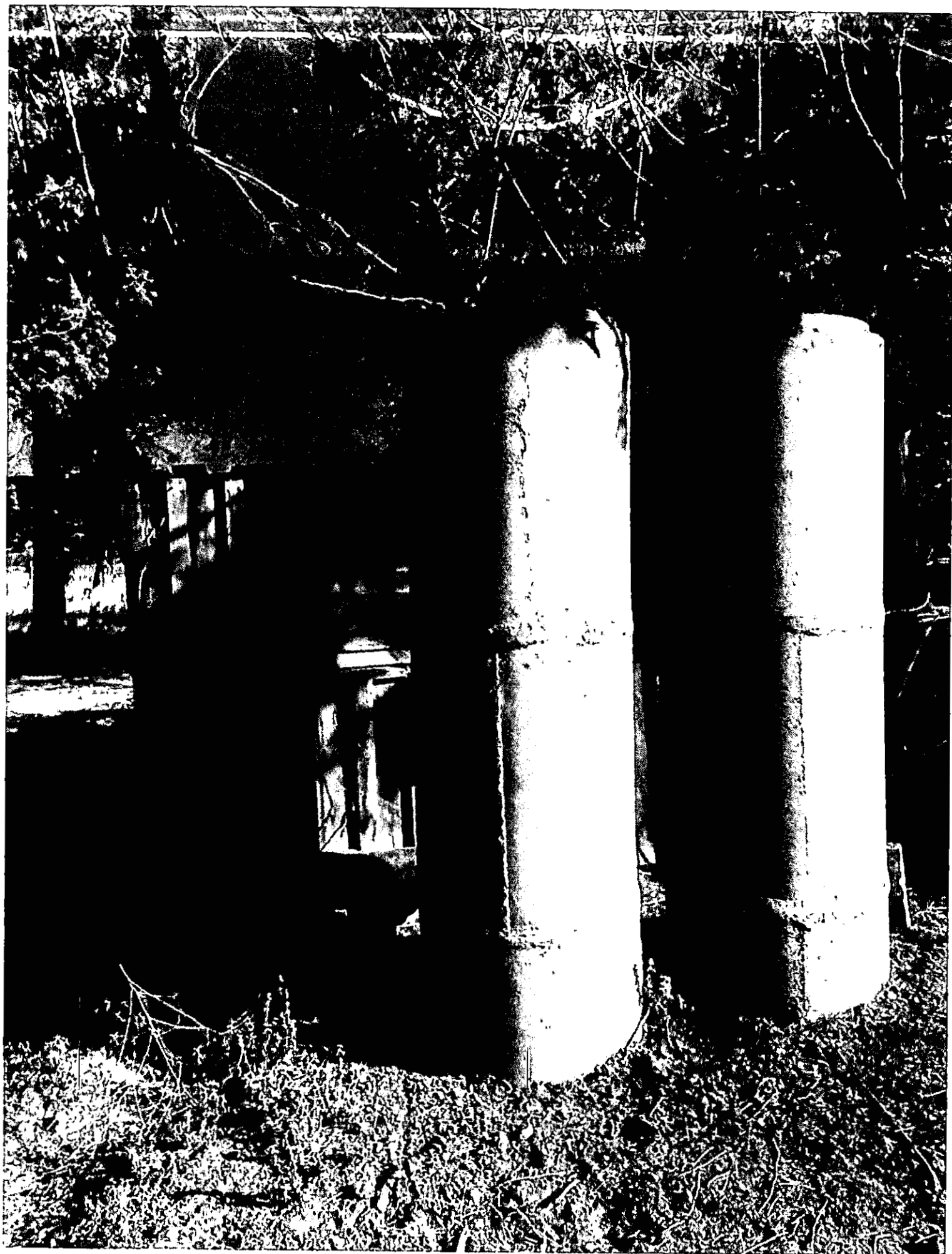
Well will irrigate 75 Acres per historic use as condition of permit. & replace well to be destroyed IN W24121



ASSESSOR'S CADASTRAL MAP

- 1 THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY.
- 2 NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN.
- 3 ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.





Siskiyou County Community Development-Environmental Health Division

806 South Main Street, Yreka, CA 95597
Telephone (530) 841-2100 FAX (530) 841-4378

WATER WELL PERMIT

T _ R _ S _

PERMIT#

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

Name Lava Lakes Ranch

Address 16615 Storchi Lane

Mailing Address P.O. Box 7

City, State, Zip Code Montague, CA 95644

Telephone 530-646-2021

Well Type	Annular Seal Depth
☐ Domestic	20 foot minimum
☐ Industrial	50 foot minimum
☐ Agricultural	20 foot minimum
☐ Public	50 foot minimum
☐ Monitoring	as approved
☐ Deepening	75'
☐ Destruction	n/a
☐ Soil boring	as approved
☐ 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 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-37 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 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 certify that I possess a valid C-37 contractor 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 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.

Signature [Signature] Date [Date]

Property Location

Property Owner: _____

Assessor's parcel #: _____

Location: _____

Parcel Size: _____

WELL CONTRACTOR

Name Nor!!

Mailing Address: _____

City, State, Zip Code: _____

Telephone: _____

License #: _____

FEES

Water Well Permit: \$350
Water Well Deepening: \$185
Water Well Destruction: \$185
Monitoring well(s) construction or destruction and Soil boring: First three \$300
\$75 for each additional boring/WW construction or destruction

For Official Use Only

Date	Initials
Property Owner Verification	
Setback Requirements	
Floods	
Zoning	
City Public Works	

Received by: _____ Date: _____

Fee Received: _____

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 5 and any conditions set forth in this permit.

Issued by: _____ Date: _____

Seal Placement: _____ Date: _____

Seal Depth: _____

First Inspection by: _____ Date: _____

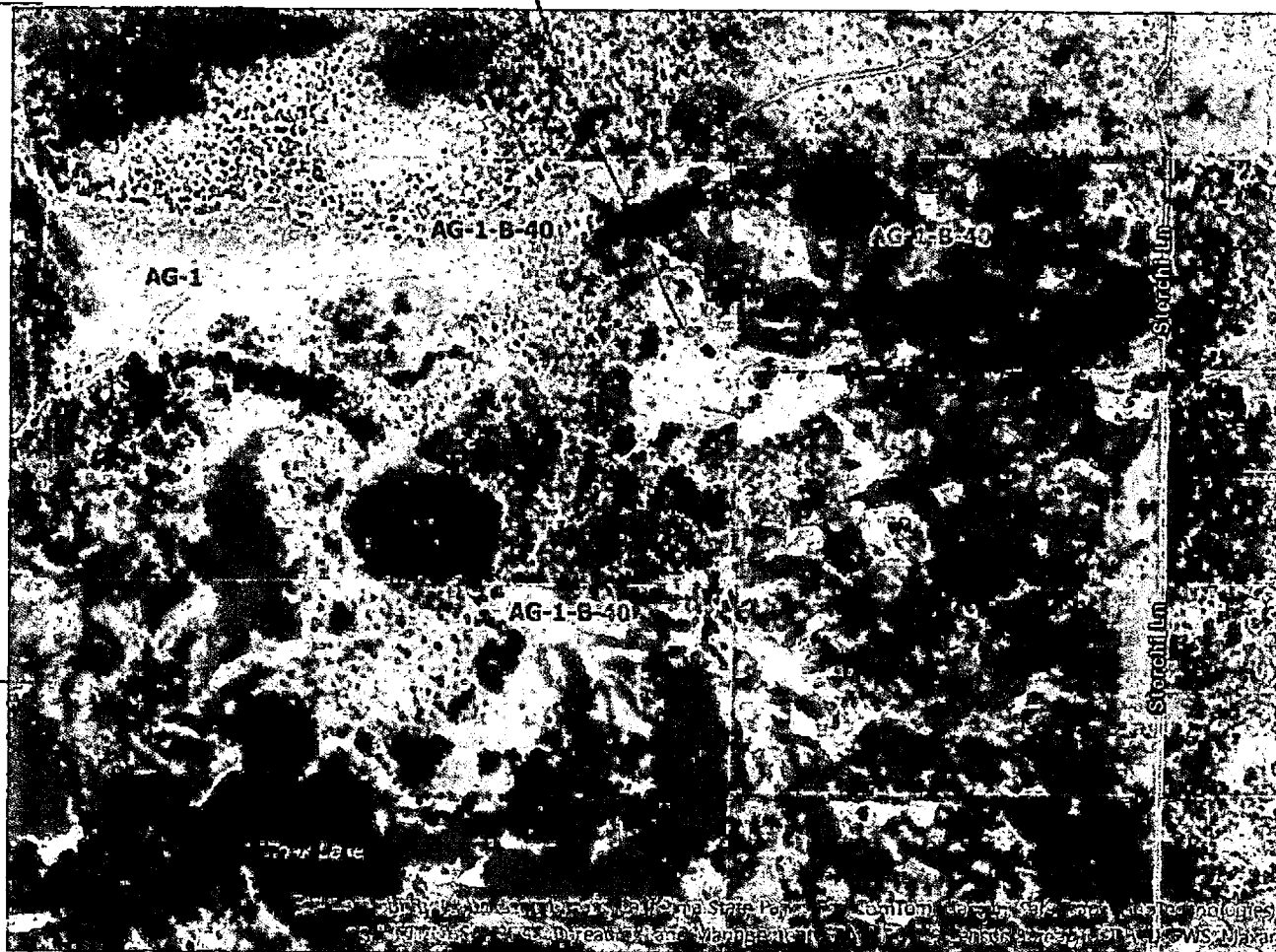
Inspection Notes: _____

Date Well Log Received: _____ Log # _____

LOCATION MAP

(to be completed by applicant)

Existing well
(to be destroyed)





This is To Certify, That

Charles T. Fennell and Ellen J. Fennell
Route 1, Box 93
Montague, California 95954

LICENSE 1777
DATE WELL REGISTRATION 11/1/99

ORIGINAL
THIS WITH DWR

AMENDED WELL COMPLETION REPORT - TO REPLACE #713270

RECEIVED WELL COMPLETION REPORT

STATES OF CALIFORNIA
Refer to Instruction Pamphlet

Page of 82 NOV 03 1999

No. 713283

Owner's Well No. 82

Date Work Began 10-04-99

Local Permit Agency SISKIYOU COUNTY HEALTH DEPARTMENT

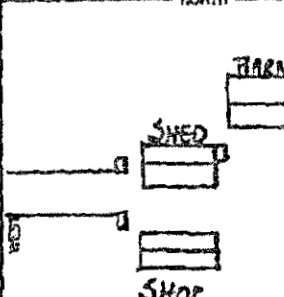
Permit No. 3287 Permit Date 9/18/99

GEOLOGIC LOG

ORIENTATION (±)			X VERTICAL HORIZONTAL ANGLE (°)		DEPTH FROM SURFACE FLUID	DESCRIPTION Describe the material, grain size, color, etc.
FL	TO	FL	FL	FL		
0	10	54	170	187	220	230
10	54	80	170	187	220	230
54	80	170	187	220	230	250
80	170	187	220	230	250	270
170	187	220	230	250	270	285
187	220	230	250	270	285	305
220	230	250	270	285	305	640
230	250	270	285	305	640	
250	270	285	305	640		
270	285	305	640			
285	305	640				
305	640					

WELL LOCATION
Address 6515 STERCHI LANE
City MONTAGUE
County SISKIYOU
APN Book 39 Page 320 Parcel 270
Township 44N Range 51 Section 20/23
Latitude 41° 14' 00" N Longitude 122° 14' 00" W

LOCATION SKETCH
NORTH



ACTIVITY (±)
X NEW WELL
MODIFICATION/REPAIR
— Deepen
— Other (Specify)

PLANNED USES (±)
WATER SUPPLY
X Domestic
— Irrigation
— Industrial
— Other (Specify)

LOCATIONING
TEST WELL
CATHODIC PROTECTION
HEAT EXCHANGE
DYE/OT PUSH
EJECTION
VAPOR EXTRACTION
EVAPORATION
REMEDIATION
OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

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

DEPTH FROM SURFACE			CASING (S)					DEPTH FROM SURFACE			ANNULAR MATERIAL			
FL	TO	FL	MATERIAL / GRAIN	INTERNAL DIAMETER (Inches)	GALVE OR WALL THICKNESS	GROUT SIZE IF ANY (Grades)		FL	TO	FL	CE-MENT (±)	ED-GE TONTE (±)	FLL (±)	FILTER PACK (TYPESIZE)
0	52	12						0	80		X			
52	220	5												
220	230	5												
230	250	5												
250	270	5	STEEL	8	.250									
270	285	5	STEEL	6	.156									

CERTIFICATION STATEMENT

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

NAME AQUARIUS WELL DRILLING INC

PRINTED NAME OF CORPORATION, FIRM OR PERSON

P.O. BOX 6

MT SHASTA

CA

96067

Charles T. Fennell

10/14/99

356433

USE NEXT CONSECUTIVELY NUMBERED FORM

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:	☐ Domestic ☒ Irrigation ☐ Small Public Water Supply ☐ Municipal Public Water Supply ☐ Industrial ☐ Stock ☐ 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: _____

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:
x Legal lot and parcel dimensions.
x All well locations on legal lot and parcel with type and use information shown for each well.
x 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.
x 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

FY24/25

**INTERGOVERNMENTAL CHARGE
JOURNAL ENTRY**Date 7/30/2024

FUND	COST CENTER	OBJECT	ACTIVITY CODE	DEPARTMENT	AMOUNT	D/C
1001	207080	724000		publications & legal notices	50.00	Debit
1001	201080	551550		Clerk	50.00	Credit

DESCRIPTION

Clerks fee to file/post Notice of Exemption for Well W23076

DEPARTMENT SIGNATURES: _____

IGC/J.E. NO. _____

20240730
11/1/24