

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

**Application for Extension of Time**

In the Matter of the Application for an Extension of Time	)	PROPOSED
for Permit G-18461, Water Right Application G-18595, in	)	FINAL
the name of Surprise Valley Electric Corp.	)	ORDER

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Permit Information

Application:	G-18595
Permit:	G-18461
Basin:	13 – Goose and Summer Lakes / Watermaster District 12
Date of Priority:	January 2, 2018
Source of Water:	SVE 1 (LAKE 52530/L117043) and SVE 2 (LAKE 52529/L117044) in Chewaucan River Basin
Purpose or Use:	industrial use (geothermal cooling)
Maximum Rate:	0.67 cubic foot per second (cfs)

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***Please read this Proposed Final Order in its entirety as it contains  
additional conditions not included in the original permit.***

*In Summary, the Department proposes to:*

- Grant an extension of time to apply water to full beneficial use from August 11, 2025, to October 1, 2040<sup>1</sup>.
- Make the extension subject to certain conditions set forth below.

This Extension of Time request is being processed in accordance with Oregon Revised Statute 537.630 and 539.010(5), and Oregon Administrative Rule Chapter 690, Division 315.

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<sup>1</sup>Pursuant to ORS 537.630(5), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and a new or revised claim of beneficial use as deemed appropriate by the Department.

## **ACRONYM QUICK REFERENCE**

Application – Application for Extension of Time  
Department – Oregon Department of Water Resources  
FOF – Finding of Fact  
PFO – Proposed Final Order  
SVE 1 - LAKE 52530  
SVE 2 - LAKE 52529  
cfs - cubic foot per second

## **AUTHORITY**

Generally, see ORS 537.630 and OAR Chapter 690 Division 315.

**ORS 537.630(2)** provides in pertinent part that the Oregon Water Resources Department (Department) for good cause shown shall order and allow an extension of time within which irrigation or other works shall be completed or the right perfected. In determining the extension, the Department shall give due weight to the considerations described under ORS 539.010(5) and to whether other governmental requirements relating to the project have significantly delayed completion of construction or perfection of the right.

**ORS 539.010(5)** instructs the Director to consider: the cost of the appropriation and application of the water to a beneficial purpose; the good faith of the appropriator; the market for water or power to be supplied; the present demands therefor; and the income or use that may be required to provide fair and reasonable returns upon the investment.

**OAR 690-315-0040** provides that in order to approve an application for an extension of time to complete construction or apply water to full beneficial use, the Department shall make the findings in OAR 690-315-0040(1) including a finding that there is “good cause” to approve the extension. OAR 690-315-0040(2)-(4) contains the factors that the Department must consider to make findings that support a “good cause” determination.

**OAR 690-315-0050(6)** requires the Department, for extensions exceeding five years, to establish checkpoints to determine if diligence is being exercised in the development and perfection of the water use permit. Intervals between checkpoints will not exceed five year periods.

## **FINDINGS OF FACT**

1. On August 11, 2020, Permit G-18461 was issued by the Department. The permit authorizes the use of up to 0.67 cfs of water from SVE 1 (LAKE 52530/L117043) and SVE 2 (LAKE 52529/L117044) in Chewaucan River Basin for industrial use (geothermal cooling). The permit specified construction of the well was to begin and complete application of water was to be made within five years of the date of permit issuance, being August 11, 2025.
2. On June 23, 2025, Bradley Kresge, General Manager of Surprise Valley Electric Corp, submitted an “Application for Extension of Time” (Application) to the Department, requesting the time to apply water to full beneficial use under the terms and conditions of

Permit G-18461 be extended from August 11, 2025, to October 1, 2040. This is the first permit extension requested for Permit G-18461.

3. On July 1, 2025, notification of the Application for Permit G-18461 was published in the Department's Public Notice. No public comments were received regarding the Application.
4. On July 14, 2025, the permit holder submitted an updated Application. The update was to address questions raised about information on water use under the permit and the dates of installation of the required totalizing flowmeters.

#### **Review Criteria [OAR 690-315-0040]**

*In order to approve an Application for an Extension of Time to complete construction and/or apply water to full beneficial use pursuant to ORS 537.230 or 537.630, or to begin construction, pursuant to ORS 537.248, the Department must make the findings in OAR 690-315-0040(1)(a) – (d).*

#### **Complete Extension of Time Application [OAR 690-315-0040(1)(a)]**

5. On June 23, 2025, the Department received a completed Application and the fee specified in ORS 536.050 from the permit holder.

#### **Start of Construction [OAR 690-315-0040(1)(b) and 690-315-0040(5)]**

6. According to the well log received by the Department on November 3, 2014, construction of LAKE 52529 (SVE 2) was existing at the time the well log was received. SVE-2 was initially constructed as an oil and gas well, which was converted under well log LAKE 52865.

The Department has determined that the prosecution of the construction of the well began prior to August 11, 2025.

#### **Good Cause [OAR 690-315-0040(1)(d)]**

*The Department must find that there is "good cause" to approve the extension. In making a "good cause" finding, the Department shall consider the requirements set forth under OAR 690-315-0040(2).*

#### **Reasonable Diligence of the Appropriator [OAR 690-315-0040(2)(a)]**

*In order to make a finding of "good cause" to approve the extension, the Department shall consider whether the applicant has demonstrated "reasonable diligence" in previous performance under the permit. OAR 690-315-0040(2)(a). In determining "reasonable diligence", the Department shall consider, but is not limited to, the following factors: a) The amount of construction completed within the time allowed in the permit or previous extension; b) The amount of beneficial use made of the water during the permit or previous extension time limits; c) Water right holder conformance with the permit or previous extension conditions; and d) Financial investments made toward developing the beneficial use of water.*

**Amount of Construction [OAR 690-315-0040(3)(a)]**

*The amount of construction completed within the time allowed in the permit.<sup>2</sup>*

7. Construction of SVE-1 and SVE-1, and the Power Production Plant and all associated equipment was completed prior to permit issuance.
8. No additional work was accomplished during the original development time frame under Permit G-18461 as a majority of the work was completed prior to permit issuance.

The Application provides evidence of progress of physical work made towards completion of the water system, enough to qualify as the minimum necessary for the Department to find good cause and reasonable diligence towards complete application of water to a beneficial use.

**Compliance with Conditions [OAR 690-315-0040(3)(c)]**

*The water right permit holder's conformance with the permit conditions.*

9. The Department has considered the permit holder's compliance with conditions, and did not identify any concerns.

The Department has determined that the permit holder has demonstrated compliance with permit conditions as required by Permit G-18461.

**Beneficial Use of Water [OAR 690-315-0040(3)(b)]**

*The amount of beneficial use made of the water during the permit time limits.*

10. No water has been appropriated from SVE-1 or SVE-2 under permit G-18461.
11. Delay of beneficial use of water under Permit G-18461 was due to a need to secure a power purchase agreement for power produced under the permit. Water was appropriated from SVE-1 and SVE-2 during the testing phase under permits issued by Oregon Department of Geology and Mineral Industries (DOGAMI).

The Department has determined that beneficial use of water under Permit G-18461 has not been demonstrated because no water was appropriated for beneficial use since permit issuance.

**Financial Investments to Appropriate and Apply Water to a Beneficial Purpose [OAR 690-315-0040(2)(b),(3)(d),(4)(d)]**

12. The Application identifies an approximate investment total of \$16,002,914. The costs included are associated with construction of Well 3, which is not associated with Permit G-18461, and project engineering, operations, and maintenance costs of a system which are not "actual construction" under this permit and therefore are not counted towards

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<sup>2</sup> "Actual Construction" is defined in OAR 690-315-0020(3)(d)(A) and (B) as physical work performed toward completion of the water system which demonstrates the water right permit holder's good faith and intention to complete the project with reasonable diligence. Actual construction does not include planning a diversion system, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, surveying, clearing land or planting crops.

development. After deducting these costs, the approximate total investment for “actual construction” to date is approximately \$14,338,083 which is the total cost for complete development of this project. No additional investment has been identified as necessary to completed the construction of the water system.

The Department has determined that the permit holder had made an investment, which provides evidence of good cause and reasonable diligence towards the complete application of water to a beneficial use.

### **Reasonable Diligence of the Appropriator [OAR 690-315-0040(2)(a)]**

The Application provides evidence of progress towards completion of the water system; a financial investment has been made and the permit holder has demonstrated compliance with all permit conditions; however, beneficial use has not been demonstrated because no water has been appropriated since permit issuance. The Department has determined the applicant has demonstrated the minimum necessary for the Department to find reasonable diligence towards complete application of water to a beneficial use.

### **The Market and Present Demands for Water [OAR 690-315-0040(4)(a-f)]**

*The Department’s determinations of market and present demand for water or power to be supplied shall consider the requirements set forth under OAR 690-315-0040(4)(a-f). In accordance with OAR 690-315-0040(4), the Department shall consider, but is not limited to, the following factors when determining the market and the present demand for water or power to be supplied:*

- *(a) The amount of water available to satisfy other affected water rights and scenic waterway flows;*
- *(b) Special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C. 1313(d);*
- *(c) The habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife;*
- *(d) Economic investment in the project to date;*
- *(e) Other economic interests dependent on completion of the project; and*
- *(f) Other factors relevant to the determination of the market and present demands for water and power.*

### **OAR 690-315-0040(4)(a)**

**The amount of water available to satisfy other affected water rights and scenic waterway flows.**

13. A review of the amount of water available to satisfy other affected water rights and scenic waterway flows was determined at the time of issuance of Permit G-18461; furthermore, water availability for other affected water rights and scenic waterway flows after the permit was issued is determined when an Application for a new water right is submitted.

**OAR 690-315-0040(4)(b)**

Special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C. 1313(d).

14. The points of appropriation for Permit G-18461, located within the Chewaucan River Basin, are not located within a limited or critical groundwater area.
15. Chewaucan River is not located within or above any state or federal scenic waterway.
16. The points of appropriation are in an area listed by the Department of Environmental Quality as a water quality limited stream.

**OAR 690-315-0040(4)(c)**

The habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife.

17. Chewaucan River is located within an area ranked “high” for stream flow restoration needs as determined by the Department in consultation with the Oregon Department of Fish and Wildlife, and is located within a Sensitive, Threatened or Endangered Fish Species Area as identified by the Department in consultation with Oregon Department of Fish and Wildlife.

**OAR 690-315-0040(4)(d)**

Economic interests dependent on completion of the project.

18. An approximate total of \$14,338,083 has been invested in the project.

**OAR 690-315-0040(4)(e)**

Other economic interests dependent on completion of the project.

19. Other economic interests directly dependent on completion of the project have not been identified.

**OAR 690-315-0040(4)(f)**

Other factors relevant to the determination of the market and present demand for water and power.

20. No other factors relevant to the determination of the market and present demand for water and power have been identified.
21. OAR 690-315-0050(6) requires the Department to place a checkpoint condition on this extension of time in order to ensure diligence is exercised in the development and perfection of the water use permit. A “Checkpoint Condition” is specified under Item 1 of the “Limitations and Conditions” section of this PFO to meet this condition.

**Fair Return Upon Investment [OAR 690-315-0040(2)(f)]**

22. The use and income from the permitted water development will likely result in reasonable returns upon the investment made to date.

**Other Governmental Requirements [OAR 690-315-0040(2)(g)]**

23. Delay in the development of this project was not caused by any other governmental requirements.

**Unforeseen Events [OAR 690-315-0040(2)(h)]**

24. Unexpected changes in the power market has limited the need for the power generated under the permit.

**Denial of the Extension Will Result in Undue Hardship [OAR 690-315-0040(2)(i)]**

25. A denial of the extension would result in undue hardship, and no other reasonable alternatives exist for meeting water use needs.

**Good Faith of the Appropriator [OAR 690-315-0040(2)(e)]**

26. The Application provides evidence of good faith of the appropriator under Permit G-18461.

Based on FOF 6, 7, 9, 12, and 18, the Department has determined that the applicant has shown good faith and reasonable diligence.

**Duration of Extension [OAR 690-315-0040(1)(c)]**

*Under OAR 690-315-0040(1)(c), in order to approve an extension of time for water use permits the Department must find that the time requested is reasonable and the applicant can complete the project within the time requested.*

27. As of June 23, 2025, construction of the water system and power production plant are complete, and the system is maintained in a “ready for use” state for when a power purchase agreement is secured.

Given the amount of development left to occur, the Department has determined that the permit holder’s request to have until October 1, 2040, accomplish the application of water to beneficial use under the terms and conditions of Permit G-18461 is both reasonable and necessary.

**Good Cause [OAR 690-315-0040(1)(d)]**

*The Department must find that there is “good cause” to approve the extension. In making a “good cause” finding, the Department shall consider the requirements set forth under OAR 690-315-0040(2).*

The Department has considered the reasonable diligence and good faith of the appropriator, the cost to appropriate and apply water to a beneficial purpose, the market and present demands for water to be supplied, the financial investment made and fair and reasonable return upon the investment, the requirements of other governmental agencies, and unforeseen events over which the permit holder had no control, whether denial of the extension will result in undue hardship to the applicant and whether there are no other reasonable alternatives for meeting water use needs, any other factors relevant to a determination of good cause, and has determined that the applicant has shown that good cause exists for an extension of time to apply water to full beneficial use pursuant to OAR 690-315-0040(1)(d).

### **LIMITATIONS AND CONDITIONS**

1. OAR 690-315-0050(6) requires a checkpoint condition on this extension of time in order to ensure diligence is exercised in the development and perfection of the water use permit. A "Checkpoint Condition" is specified under Item 3 of the "Limitations and Conditions" section of this PFO to meet this condition.

### **CONCLUSIONS OF LAW**

1. The applicant has submitted a complete extension application form and the fee specified in ORS 536.050, as required by OAR 690-315-0040(1)(a).
2. The applicant has complied with the construction timeline requirements to begin construction as required by ORS 537.630, OAR 690-315-0040(1)(b) and OAR 690-315-0040(5).
3. Based on Finding of Facts 6, through 27, application of water to beneficial use can be accomplished by October 1, 2040, as required by OAR 690-315-0040(1)(c).
4. The applicant can complete the project within the time period requested for the extension on the project.
5. The applicant has demonstrated good cause for the extension.
6. For extensions exceeding five years, the Department shall establish progress checkpoints to determine if diligence is being excised in the development and perfection of the water use permit. Intervals between progress check points will not exceed five years periods, as required by OAR 690-315-0050(6).

### **PROPOSED ORDER**

Based upon the foregoing Findings of Fact and Conclusions of Law, the Department proposes to issue an order to:

Extend the time to apply water to beneficial use under Permit G-18461 from August 11, 2025, to October 1, 2040.

Subject to the following conditions:

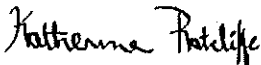
## LIMITATIONS AND CONDITIONS

### 1. Checkpoint Condition

The permit holder must submit a completed Progress Report Form to the Department by **October 1, 2031, and 2036**. *A form will be enclosed with your Final Order.*

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

DATED: February 24, 2026



Katherine Ratchliffe  
Water Right Services Division Administrator, for  
Ivan Gall, Director  
Oregon Water Resources Department

*If you have any questions,  
please check the information  
box on the last page for the  
appropriate names and  
phone numbers.*

### **Protests**

Pursuant to OAR 690-315-0060(1), the applicant or any other person adversely affected or aggrieved by the proposed final order may submit a written protest to the proposed final order. Protests must be received by the Water Resources Department no later than **April 10, 2026**, at this address: Oregon Water Resources Department, Water Right Services Division, 725 Summer St NE, Suite A, Salem, OR 97301-1266. Protests may not be submitted by electronic mail. OAR 690-002-0025(3).

Protests must be in writing and include all of the following:

- The name, address, and telephone number of the protestant

- A detailed description of the protestant's interest in the proposed final order, and, if the protestant claims 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 the protestant's interest
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency
- If the applicant protests, a statement of whether a hearing is requested
- Citation of legal authority supporting the protestant, if known
- Proof of service of the protest on the water right permit holder, if protestant is other than the water right permit holder, and
- If you are the applicant, the protest fee of \$720 required by ORS 536.050; and
- If you are not the applicant, the protest fee of \$1,425 required by ORS 536.050.

Within 60 days after the close of the period for requesting a contested case hearing, the Director shall either issue a final order on the extension request, or schedule a contested case hearing if a protest has been submitted, and, upon review of the issues, the Director finds there are significant disputes related to the proposed agency action; or, the applicant submits a written request for a contested case hearing within 30 days after the close of the period for submitting protests. The hearing will be conducted as provided in Oregon Revised Statutes (ORS) Chapter 183, and Oregon Administrative Rules (OAR) 137-003-0501 to 137-003-0700.

If the applicant does not request a hearing within 30 days after the close of the protest period, or if the request for a hearing is withdrawn, or the Department or the administrative law judge is notified that the protestant will not appear, or the protestant fails 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 submitted relating to this matter, as the record for purpose of proving a *prima facie* case upon default.

A party 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 971-453-1175, or the nearest United States Armed Forces Legal Assistance Office through <http://legalassistance.law.af.mil>.

