



**TEMPORARY**  
**THE STATE OF NEVADA**

**PERMIT TO CHANGE THE PUBLIC WATERS OF THE  
STATE OF NEVADA HERETOFORE APPROPRIATED**

**Name of Permittee:** GRASS VALLEY RANCH, LLC  
**Source:** UNDERGROUND  
**Basin:** GRASS VALLEY  
**Manner of Use:** CONSTRUCTION  
**Period of Use:** ONE DAY FROM DATE OF ISSUANCE.  
**Priority Date:** 09/20/1966

\*\*\*\*\*

**APPROVAL OF STATE ENGINEER**

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This temporary permit to change the place and manner of use of a portion of the waters of an underground source as heretofore granted under Permit 83740, is issued subject to the terms and conditions imposed in said Permit 83740 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water and a totalizing meter at or near the well to facilitate the measurement and control of the water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State reserves the right to regulate the use of the water under this proposed change at any and all times.

This temporary permit is issued pursuant to the provisions of NRS 533.345 Section 2 and accounts for pumpage for construction of the McGinness Hills Geothermal Plant (now complete), and therefore expires one day after the date of approval, at which time all rights herein granted shall revert to the right being changed by this temporary permit.

This temporary permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this temporary permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.02 cubic feet per second or 14.0 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

N/A

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

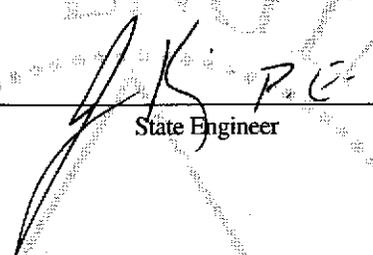
N/A

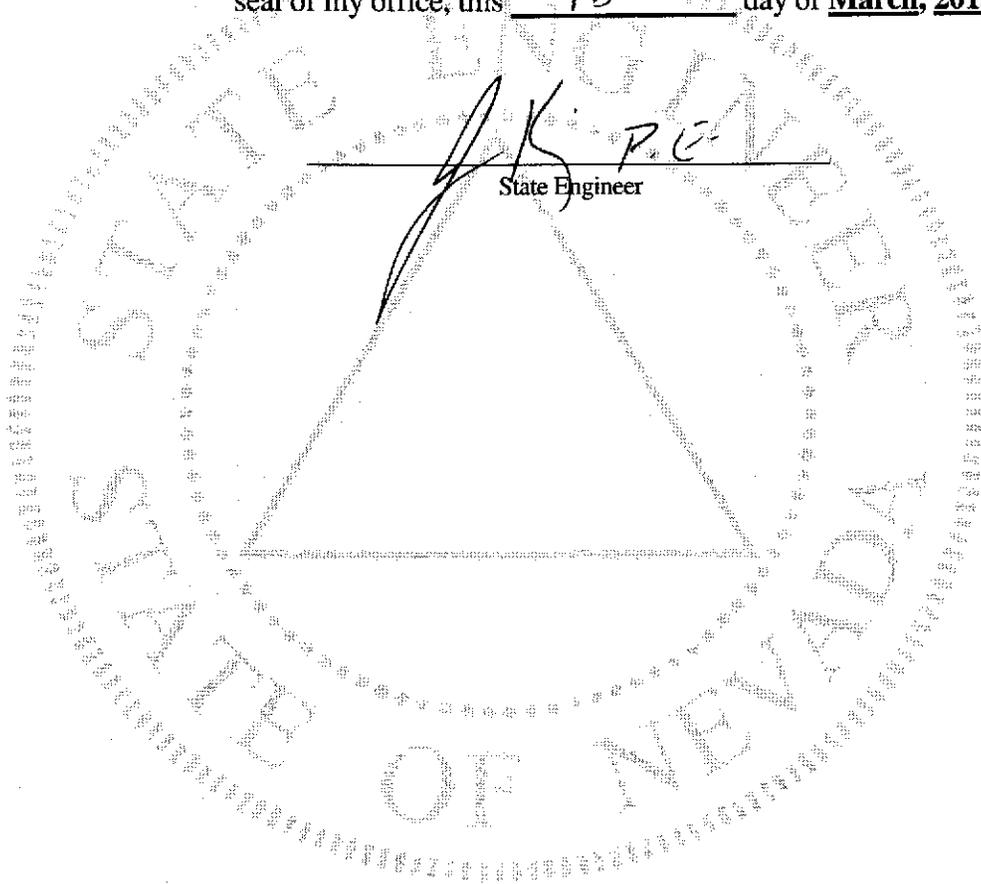
Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 18<sup>th</sup> day of March, 2015

  
\_\_\_\_\_  
State Engineer



**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED**

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office AUG 21 2014

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_ Map filed Nov 12 2010 under 80188

The applicant Grass Valley Ranches, LLC. *CCA 9-3-14*  
HC 65 Box 500 of Austin  
Street Address or PO Box City or Town  
Nevada, 89310 hereby make(s) application for permission to change the  
State and ZIP Code

- Point of diversion       Place of use       Manner of use       of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Pending Application to Change No. 83740

- The source of water is Underground  
Name of stream, lake, underground, spring or other sources.
- The amount of water to be changed 14 AFA 0.02 CFS  
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
- The water to be used for Construction  
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use
- The water heretofore used for Irrigation  
If for stock, state number and kind of animals.
- The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)  
SE 1/4 NW 1/4 Section 16, T.21N., R.46 E., M.D.M., or a point from which the NW corner of said Section 16 bears N 63° 27' 38" E., a distance of 4,380 feet.  
14,254.94 FT. *SEE MAP 80188*  
*CCA 9-3-14*
- The existing point of diversion is located within (If point of diversion is not changed, do not answer.)  
No change

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*Grass Valley  
10-138  
La*

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

Construction Power Plant at a portion of SW 1/4 SW 1/4 Section 15, T.20N., R.45 E., and SE 1/4 SE 1/4 of Section 16 of said township and range.  
NE 1/4 NE 1/4 Section 21 T. 20 N., R.45E . NW 1/4 NW 1/4 Section T22 20N., R. 45E.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

See Pending Application to Change No. 83740

9. Proposed use will be from March 15 to March 15 of each year.  
Month and Day Month and Day

10. Existing use permitted from January 1 to December 31 of each year.  
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Water truck to attach to existing agricultural irrigation pipe to withdrawal water.

12. Estimated cost of works None

13. Estimated time required to construct works Existing agricultural discharge  
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use Existing

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

This temporary is requested for the construction of a second geothermal power plant in this area. The previous temporary requested was used to construct the previous power plant which is complete and operating. No changes in construction practices are planned so the same amount of water is being requested again. This water is not for any future or proposed cooling operation for a geothermal power plant.

See attached agreement.

See attached BLM Site License.

16. Miscellaneous remarks:

The Point of Diversion is located approximately 8 miles away from the construction activities which are located in Big Smoky Valley. The Point of Diversion is located in Grass Valley.

Pending Application to Change No. 83740 proposes to change Permit No. 27941, certificate 9481.

garmstrong@usgeomatics.com

E-mail Address

775.786.5111

Phone No.

Ext.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

Glen C. Armstrong

Type or print name clearly

Signature, applicant or agent

US Geomatics

Company Name

PO Box 3299

Street Address or PO Box

Reno, NV 89505

City, State, ZIP Code

## WATER PURCHASE AGREEMENT

This water purchase agreement made on March 15, 2014 between Grass Valley Ranch, LLC and Ormat Nevada Inc. (Ormat), For valuable consideration, the parties agree as follows:

1. Grass Valley Ranch, LLC shall provide water to Ormat and contractors from a designated site on their property for the purpose of road maintenance well pad construction, drilling activities and power plant site construction for the McGinness Hills II power plant project.
2. The quantity of water shall be unrestricted as to Ormat's usage for the stated activities
3. Ormat shall pay Grass Valley Ranch a total sum of \$120,000 for usage of water from March 15<sup>th</sup> 2014 to March 15<sup>th</sup> 2015. Payment is due on the 15th of each month in \$10,000 increments.

By Jerry Lancaster  
HC 65 Box 500  
Austin, Nevada 89310  
(775)964-2620

Ormat Nevada Inc.  
6225 Neil Road  
Reno, Nevada 89511  
(775)356-9029

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