



**SECONDARY**  
**THE STATE OF NEVADA**

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

**Name of Permittee:** HOMESTRETCH GEOTHERMAL 2010, LLC  
**Source:** GEOTHERMAL  
**Basin:** MASON VALLEY  
**Manner of Use:** IRRIGATION  
**Period of Use:** JANUARY 1ST THROUGH DECEMBER 31ST  
**Priority Date:** 12/05/2003

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**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 secondary permit is issued subject to the terms and conditions under Permit 70677. The granting of this secondary permit is not intended in any way to waive or affect authority or requirements of water quality control agencies or regulations. This permit is further issued subject to the provisions of NRS 533.440 and the State retains the right to regulate the use of the water herein granted at any and all times. This secondary permit is issued subject to existing rights. A totalizing meter must be installed in the discharge pipeline near the point of diversion and accurate measurements must be kept of the geothermal fluid diverted to beneficial use. The meter must be installed prior to the filing of the proof of completion and before any use of effluent begins.

The permittee shall keep monthly records of:

- A. The total amount of geothermal fluid pumped from this well and
- B. A tabular description of the lands irrigated with the geothermal fluid by assessors parcel number and 40 acre section quarter-quarter.

These records shall be submitted to the State Engineer on an annual basis by February 15th of each year. Furthermore notice must be made to the Nevada Division of Water Resources prior to this water being placed to beneficial use on land for the first time.

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

The total combined duty of water under Permit 47644, Certificate 15165; Permits 49690, 62460, 62461, 70677, 70677S04, 70677S05, 73999, 74000, 74002, 74005 and 74007 shall not exceed 8,688 acre-feet annually.

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

Any application to change the manner of use granted under this permit will be subject to additional determination and evaluation with respect to the permanent effects on existing rights and the resource within the ground water basin.

(Continued on Page 2)

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

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 12.0 cubic feet per second or 8,688 acre-feet annually, and not to exceed 4.0 acre-feet per acre from all sources.**

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:

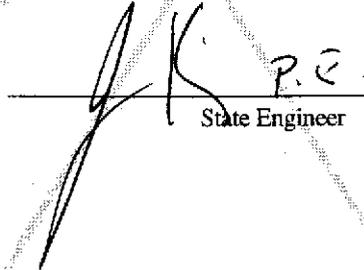
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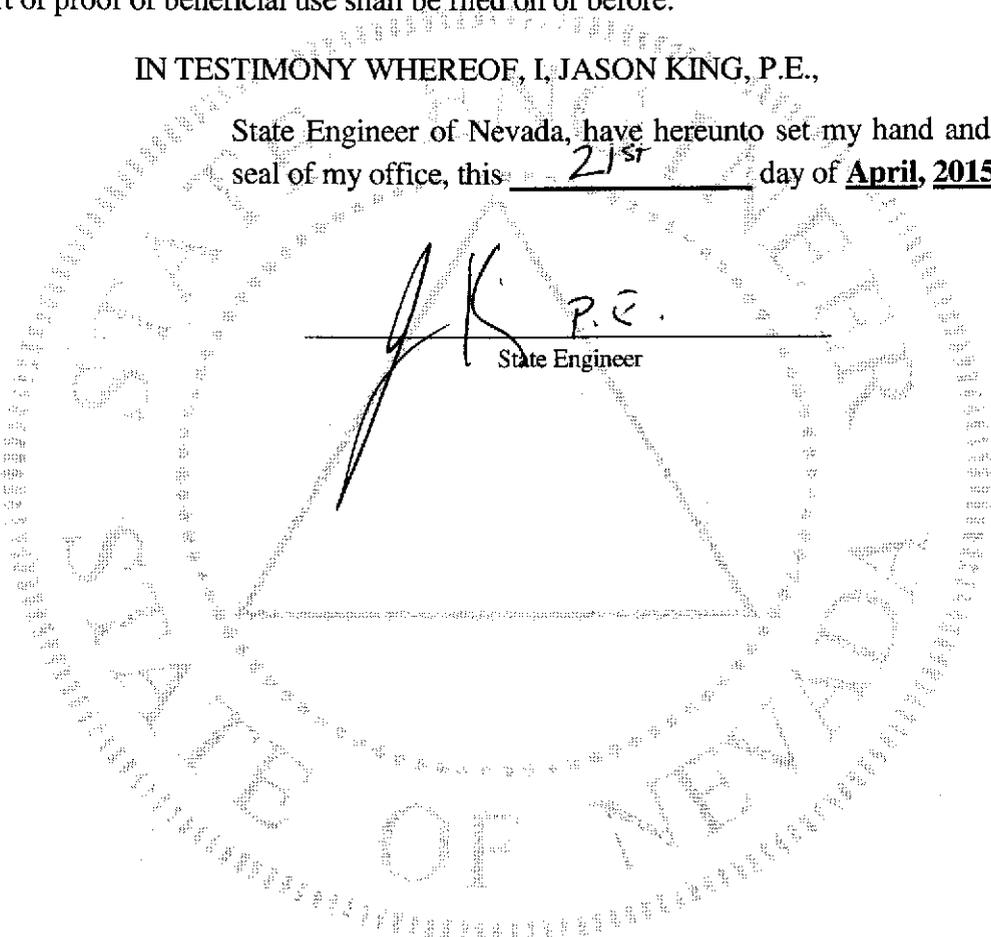
Map in support of proof of beneficial use shall be filed on or before:

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 21<sup>st</sup> day of **April, 2015**

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



**SECONDARY**

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC  
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY	
Date of Filing in State Engineer's Office	<u>JUL 03 2014</u>
Returned to applicant for correction	_____
Corrected Application filed	Map filed <u>JUL 03 2014</u>

The applicant Homestretch Geothermal 2010, LLC  
611 W. 1760 N. of Washington  
Street Address or P.O. Box City or Town  
Utah 84780 hereby make(s) application for permission to appropriate the  
State and ZIP Code

public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)  
2010 - Nevada

- The source of the proposed appropriation is Geothermal Underground Source  
Name of the stream, lake, underground, spring or other sources.
- The amount of water applied for is 12.0 cubic feet per second and 8,688 acre-feet annually  
One second foot equals 448.83 gallons per minute.  
 (a) If stored in a reservoir give the number of acre-feet \_\_\_\_\_
- The water is to be used for Irrigation Purposes  
Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
- If use is for:
  - Irrigation, state number of acres to be irrigated 2,172 acres
  - Stockwater, state number and kind of animals \_\_\_\_\_
  - Other use (describe fully in No. 12) \_\_\_\_\_
  - Power:
    - Horsepower developed \_\_\_\_\_
    - Point of return of water to stream \_\_\_\_\_

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*44*

5. The water is to be diverted from its source 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 so stated.)  
within the NW1/4 SW1/4 of Section 15, T.15N., R.25E., M.D.M., or at a point from which the NW corner of said Section 15 bears North 22 degrees 51 minutes 50 seconds West, a distance of 3,256.41 feet. Refer to map filed in support of Permit No. 70677.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)  
Refer to attached Exhibit A. The exact location to be determined under Proof of Beneficial Use. Refer to map filed in support of this application.

7. Use will begin about January 1st and end about December 31st of each year.  
Month and Day Month and Day

8. Description of proposed works. (Under the provisions 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 and flumes, drilled well with a pump and motor, etc.)

Diversion from existing geothermal facilities through cooling ponds and pipeline to proposed place of use.

9. Estimated cost of works: \$100,000.00

10. Estimated time required to construct works: Two (2) Years

(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: Five (5) Years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Homestretch Geothermal 2010, LLC, obtained a 10 year lease for agricultural purposes within portions of the proposed place of use. Easements from the BLM and other parties are being obtained to allow for construction of a pipeline from the existing geothermal cooling ponds. This application seeks to deliver geothermal effluent permitted under Primary Permit No. 70677 for irrigation purposes within the proposed place of use. The total combined duty under Permit Nos. 49690, 62460, 62461, 70677, 70677-S04 and this application shall not exceed 8,688.0 acre-feet annually.

cfacque@farrwestengineering.com

E-mail Address

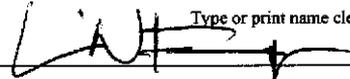
775-853-7268

Phone No.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

Chris N. Facque

Type or print name clearly



Signature, applicant or agent

Farr West Engineering

Company Name

5442 Longley Lane, Suite A

Street Address or PO Box

Reno, Nevada 89511

City, State, ZIP Code

\$300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

## Exhibit "A"

### **Item No. 6: Place of Use**

#### **Township 15N., Range 25E., MDM.**

SE1/4 SE1/4 of Section 19;  
S1/2 S1/2, N1/2 SE1/4 of Section 20;  
SE1/4 NE1/4, NE1/4 SE1/4, S1/2 SE1/4 of Section 22;  
S1/2 SW1/4, SE1/4 of Section 23;  
SW1/4 of Section 24;  
NW1/4, a portion of the NW1/4 SW1/4 of Section 25;  
All of Section 26;  
SW1/4, S1/2 NW1/4, E1/2 NE1/4 NW1/4, E1/2 of Section 27;  
S1/2, S1/2 NW1/4, SW1/4 NE1/4 of Section 28;  
All of Section 29;  
E1/2 of Section 30;  
E1/2 of Section 31;  
N1/2 N1/2 of Section 32;  
N1/2 N1/2 of Section 33;  
All of Section 34;  
W1/2 W1/2 of Section 35

#### **Township 14N., Range 25E., MDM**

W1/2 NW1/4 of Section 2  
  
N1/2 of Section 3

The exact location to be determined under Proof of Beneficial Use. Refer to map filed in support of this application.

2014 JUL -9 PM 1:29  
COUNTY ENGINEER'S OFFICE