



## THE STATE OF NEVADA

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

**Name of Permittee:** HSS II, LLC  
**Source:** UNDERGROUND  
**Basin:** INDEPENDENCE VALLEY  
**Manner of Use:** INDUSTRIAL  
**Period of Use:** JANUARY 1ST TO DECEMBER 31ST  
**Priority Date:** 06/24/2003

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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 permit to change the point of diversion and place of use a portion of the waters of an underground source as heretofore granted under Permit 70147 is issued subject to the terms and conditions imposed in said Permit 70147 and with the understanding that no other rights on the source will be affected by the change proposed herein. The well shall be equipped with a 2-inch opening and a totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins or before the Proof of Completion of Work is filed. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

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

The well must be sealed with cement grout, concrete grout or neat cement from ground level to 100 feet.

The total combined consumptive use of water under Permits 70146, 80549 and 80550 shall not exceed 4917.2 acre-feet annually.

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

An annual report that documents the amounts of water produced and/or consumed shall be filed under this permit not later than January 31 of the following year. Any exploration and subsurface information obtained as a result of this project shall be kept confidential pursuant to Chapter 534A.031 of the Nevada Revised Statutes (NRS).

This permit is further issued subject to the provisions of NRS 533.372 and with the understanding that the power or energy generated by the beneficial use of water under this permit is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

(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 2.5 cubic feet per second or 1809.925 acre-feet annually.**

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

July // 2013

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

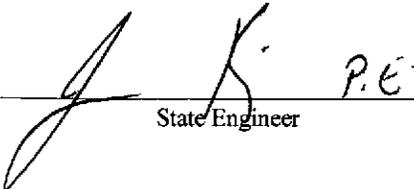
July // 2016

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 11th day of July, A.D. 2011

  
\_\_\_\_\_  
State Engineer P.E.

Completion of work filed \_\_\_\_\_

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_

**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	<u>FEB 10 2011</u>
Returned to applicant for correction	_____
Corrected application filed	Map filed <u>FEB 14 2011</u>

The applicant HSS II, LLC  
6225 Neil Road of Reno  
Street Address or PO Box City or Town  
Nevada, 89511 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.)  
Permit # 70147

- The source of water is Underground  
Name of stream, lake, underground, spring or other sources.
- The amount of water to be changed ~~3619.85 AFA~~ 1809.925 AFA, 2.5 cfs  
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
- The water to be used for Industrial (Power Plant Cooling)  
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 Industrial (Power Plant Cooling)  
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.)  
NW1/4 NW1/4 OF SECTION 21, T.41N., R.52E., M.D.M. or at a point from which the NW corner of said Section 21 bears North 31°01'46" East a distance of 1,574.87 feet.  
WEST
- The existing point of diversion is located within (If point of diversion is not changed, do not answer.)  
SW 1/4 NE 1/4, Section 9, T.41N., R.52E., M.D.M., at a point from which the SW corner of said Section 9 corner bears S.45°16'W., 5334 ft. dist.

*EVS 2/14/2011  
PER EMAIL*

*EVS  
2/14/11*

*36-EL*

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

E 1/2 OF SECTION 8, T.41N., R.52E., M.D.M.

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.)

SE 1/4 Section 5, SW 1/4 Section 4, NE 1/4 Section 8, and the NW 1/4 Section 9 in T.41N., R.52E., M.D.M. in Elko County

9. Proposed use will be from JANUARY 1 to DECEMBER 31 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.)

drilled and cased well, equipped with motor, pump, proper seals, and pipeline to place of use

12. Estimated cost of works \$500,000

13. Estimated time required to construct works 2 years

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 years

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.)

Primarily used as cooling water for a geothermal power plant and other industrial uses for a geothermal power plant.

16. Miscellaneous remarks:

This application is being filed in conjunction with application 80550. The applications intent is to share a portion of the water right.

garmstrong@usgeomatics.com

E-mail Address

775-786-5111

Phone No.

Glen C. Armstrong

Type or print name clearly



Signature, applicant or agent

US Geomatics

Company Name

P.O. Box 3299

Street Address or PO Box

Reno, Nevada 89505

City, State, ZIP Code

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

STATE ENGINEERS OFFICE

2011 FEB 10 PM 12:55

RECEIVED