



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

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

**Name of Permittee:** ESMERALDA COUNTY  
**Source:** GEOTHERMAL  
**Basin:** FISH LAKE VALLEY  
**Manner of Use:** MINING AND MILLING  
**Period of Use:** ONE YEAR FROM DATE OF ISSUANCE  
**Priority Date:** 02/21/1995

\*\*\*\*\*

**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 a geothermal source as heretofore granted under Permit 60964 is issued subject to the terms and conditions imposed in said Permit 60964 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 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. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. 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 issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This temporary permit is issued pursuant to the provisions of NRS 533.345 Section 2 and will expire 1 year after the approval of the permit at which time all rights herein granted shall revert to the right being changed by this temporary permit.

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 0.0534 cubic feet per second or 38.67 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:

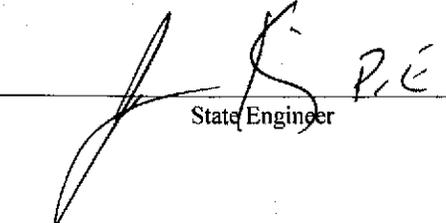
N/A

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 17<sup>th</sup> day of September, 2013

  
\_\_\_\_\_  
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 06 2013  
Returned to applicant for correction \_\_\_\_\_  
Corrected application filed \_\_\_\_\_ Map filed April 06 1990 under 54493

The applicant Esmeralda County  
P.O. Box 155 of Goldfield  
Street Address or PO Box City or Town  
89013 State and ZIP Code

hereby make(s) application for permission to change the

- 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 60964

Temporary Place of use and Manner of Use under permit 60964 to PERMIT 60034 Place of Use

1. The source of water is Underground Geothermal *MDM*  
Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 38.67 AF  
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Mining & Milling  
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Recreation & Domestic  
If for stock, state number and kind of animals.

5. 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.)

*MDM* In the NW 1/4 of the NE 1/4 of section 16. T 1 S, R 36 E, MDM or at a point from which the NE corner of said section 16 bears N 79 Deg. 20 Min. 32 Sec. East a distance of 2277.9 feet  
Reference POD Map 60964 54493

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)  
Same as number (5)

*Fish Lake Valley  
10-117  
ES*

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

T1S/R38E: Sec. 25 (All), Sec. 35 (SE 1/4), Sec. 36 (All);  
T2S/R38E: Sec. 1 (All), Sec 2 (All), Sec. 12 (NW1/4 & NE1/4);  
T1S/R39E: Sec. 29 (All), Sec 30 (All), Sec. 31 (All), Sec. 32 (All);  
T2S/R39E: Sec. 5 (All), Sec. 6 (All), Sec. 7 (NW1/4 & NE1/4).  
Reference Map 60034.

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.)

W 1/2 of NW 1/4 of NE 1/4 of Sec. 16, T1S, R36E, MDM.  
Reference Place of Use Map 54493.

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.)

This temporary change of use application with the NDWR will provide Mineral Ridge Gold (MRG) with emergency backup water for the operations. MRG will transport water by trucks up from the valley floor to the mine site.

12. Estimated cost of works \$100,000

13. Estimated time required to construct works Temporary change to be in effect for one full year  
If well completed, describe well.

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

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.)

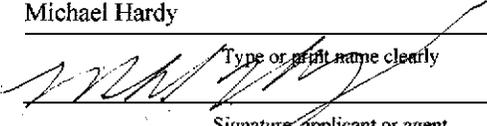
MRG will transport water by trucks up from the valley floor to its mine site as emergency backup water for its gold mining operations. The existing well at the mine sometimes has power disruptions that cause the submersible motor to fail. The emergency backup source will be utilized while MRG main well source is being repaired.

16. Miscellaneous remarks:

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AUG -6 PM 3:22  
STATE ENGINEERS OFFICE

mhardy@lumosengineering.com  
E-mail Address  
775 827-6111 210  
Phone No. Ext.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

Michael Hardy  
Type or print name clearly  
  
Signature, applicant or agent  
Lumos & Associates, Inc.  
Company Name  
9222 Prototype Drive  
Street Address or PO Box  
Reno Nevada 89521-8987  
City, State, ZIP Code

**Fish Lake Valley Water Haulage  
Gallons and Ac-ft.**

Date	Gallons	
8/9/12-8/16/12	295000	0.905
8/16/12-8/23/12	653500	2.006
8/23/12-8/30/12	591000	1.814
8/30/12-9/6/12	641000	1.967
9/6/12-9/13/12	597500	1.834
9/13/12-9/20/12	482500	1.481
9/25/12-9/28/12	208000	0.638
9/28/12-10/3/12	423000	1.298
10/4/12-10/10/12	581000	1.783
10/11/12-10/17/12	513500	1.576
10/18/12-10/24/12	632000	1.940
10/25/12-10/31/12	490000	1.504
11/1/12-11/7/12	450500	1.383
11/8/12-11/15/12	520500	1.597
11/26/12-11/29/12	308000	0.945
<b>Total gallons</b>		7387000
<b>Total acre-feet</b>	38.67 ac.-ft allowed	
<b>Total acre-feet left</b>		16.000

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