



## THE STATE OF NEVADA

### PERMIT TO APPROPRIATE WATER

**Name of Permittee:** GLOBAL SILICA, INC  
**Source:** SECTION 31 WELL (UNDERGROUND)  
**Basin:** COLUMBUS SALT MARSH VALLEY  
**Manner of Use:** MINING AND MILLING AND DOMESTIC  
**Period of Use:** JANUARY 1ST THROUGH DECEMBER 31ST  
**Priority Date:** 06/08/2011

\*\*\*\*\*

#### 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 is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. 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 water begins or before the Proof of Completion of Work is filed.

The permittee shall keep monthly records of the amount of water pumped from this well and the records must be submitted to the State Engineer on an annual basis within 30 days after the end of each calendar year.

This 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 Permits 80894 and 80895 shall not exceed 707 acre-feet annually.

The manner of use of water under this permit is by nature of its activity a temporary use and 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 groundwater basin.

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

(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 707 acre-feet annually.**

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

February 17 2014

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

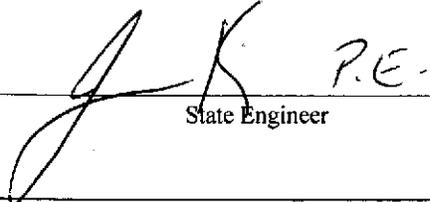
February 17 2015

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 17th day of **February**, A.D. 2012

  
State Engineer

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

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

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

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

Amended

Application No. 80895

**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	<b>JUN 08 2011</b>
Returned to applicant for correction	<b>JUN 13 2011</b>
Corrected Application filed _____	Map filed <u>AUG 1 2011 under 80894 pg.2</u>

The applicant Global Silica, Inc.  
3960 Howard Hughes Parkway - Suite 500 of Las Vegas  
Street Address or P.O. Box City or Town  
Nevada 89169 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.)  
June 12, 2008 in Nevada

- 
1. The source of water is Underground - Section 31 Well  
Name of the stream, lake, underground, spring or other sources.
  2. The amount of water applied for is 2.50 cubic feet per second - not to exceed 1,000.00 acre feet per year  
One second foot equals 448.83 gallons per minute.
    - (a) If stored in a reservoir give the number of acre-feet \_\_\_\_\_
  3. The water is to be used for Mining, Milling and Domestic Purposes  
Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
  4. If use is for:
    - (a) Irrigation, state number of acres to be irrigated \_\_\_\_\_
    - (b) Stockwater, state number and kind of animals \_\_\_\_\_
    - (c) Other use (describe fully in No. 12) \_\_\_\_\_
    - (d) Power:
      - (1) Horsepower developed \_\_\_\_\_
      - (2) Point of return of water to stream \_\_\_\_\_

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.)

SE1/4 NE1/4 Section 31 T4N, R37E, MDM or at a point from which the NE corner of Section 1 T3N, R36E, MDM bears South 51 degrees 43 minutes 41 seconds West, a distance of 5,886.40 feet.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

Section 2 T3N, R36E, MDM; Sections 35 and 36 T4N, R36E, MDM (unsurveyed); Sections 22 through 27 and Sections 31 through 36 T4N, R37E, MDM (unsurveyed)

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 drilled well with a pump and motor, etc.)

Drilled and cased well, equipped with motor, pump, totalizing meter and pipeline to place of use.

9. Estimated cost of works: \$80,000.00

10. Estimated time required to construct works: 2 Years  
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 6 Years

12. 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.)

Ground water from this proposed point of diversion will be commingled with ground water for a proposed point of diversion within the NW1/4 Section 2 T3N, R36E, MDM under Application No. 80894 for mining, milling and domestic uses. The total combined duty under this application (80895) and the application filed for a proposed point of diversion within the NW1/4 of said Section 2 (80894) will not exceed 1,000.00 acre feet per year.

13. Miscellaneous remarks:

Mining, Milling and Domestic uses will include but not limited to the following: road construction and maintenance, dust abatement, unit processing of product, compaction of soils for installation of mine equipment and facilities, construction of related facilities, staff housing and office facilities.

mike@mbuschelman.com

E-mail Address

775-355-9628

Phone No.

Ext.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

Michael D. Buschelman

Michael D. Buschelman  
Type or print name clearly

Signature, applicant or agent

Michael D. Buschelman Consulting, Inc.

Company Name

Post Office Box 51371

Street Address or PO Box

Sparks, Nevada 89435

City, State, ZIP Code

RECEIVED  
2011 AUG - 1 AM 10:59  
STATE ENGINEERS OFFICE