

## THE STATE OF NEVADA

### PERMIT TO APPROPRIATE WATER

**Name of applicant:** MICHAEL J. SULLIVAN  
**Source:** UNDERGROUND  
**Basin:** PAHRUMP VALLEY  
**Manner of Use:** COMMERCIAL  
**Period of Use:** January 1st to December 31st  
**Priority Date:** 02/13/2009

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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 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. 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.

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

This permit is issued under the provisions of NRS 534.120(2) as a preferred use under State Engineers Order #1107.

Permit 78033 is issued for commercial purposes on the parcel identified by the Nye County assessor as the 1.25 acre APN 45-031-15. Upon cessation of pumping for commercial purposes at this place of use, the water under Permit 78033 shall return to the groundwater source and no application to change will be allowed.

(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 0.045 cubic feet per second or 1.90 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:

September 3, 2012

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

N/A

IN TESTIMONY WHEREOF, I, TRACY TAYLOR, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 3rd day of September, A.D. 2009

  
State Engineer

Completion of work filed July 18, 2008 under 71148

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

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

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

llb

**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 FEB 13 2009

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

Corrected application filed \_\_\_\_\_ Map filed **APR 30 2004** under **71148**

The applicant Michael J. Sullivan

5170 East Manse Road of Pahrump

Street Address or P.O. Box City or Town

Nevada 89061 hereby make(s) application for permission to appropriate

State and Zip Code

the 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.)

1. The source of water is Underground Source  
Name of stream, lake, underground, spring or other sources
2. The amount of water applied for is 1.90 AFA .045 CFS second feet.  
One second foot equals 448.83 gallons per minute.
  - (a) If stored in reservoir give number of acre-feet \_\_\_\_\_
3. The water to be used for Commercial Use  
Irrigation, power, mining, commercial, domestic or other use. Must limit 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) See Item # 12 and attached fixture count
  - (d) Power:
    - (1) Horsepower developed \_\_\_\_\_
    - (2) Point of return of water to stream \_\_\_\_\_

*162-144*

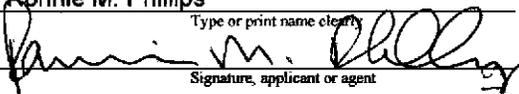
- 5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)  
within the SW1/4 SW1/4 of Section 4, T.21 S., R.54 E., M.D.B. & M., Nye County, Nevada at a point from which the SW corner of said Section 4 bears S 82° 53' W a distance of 987.54 feet. See map A.O.F. for existing Permit # 71148, same Point of Diversion
  
- 6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)  
within the SW1/4 SW1/4 of Section 4, T.21 S., R.54 E., M.D.B. & M., Nye County, Nevada being the E1/2 of Lot-14, Christensen Record of Survey, file No. 31951 recorded in the Office of the Nye County Recorder, Nye County, Nevada also known as A.P.N. # 45-031-15. See map A.O.F. for Permit # 71148 same Place of Use
  
- 7. Use will begin about January 1 and end about December 31 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 pump and motor, etc.)  
See existing POC for Permit # 71148 filed 4-30-04; ex. 8' well, pump, dist. system, and totalizing meter
  
- 9. Estimated cost of works: \$5000.00 dollars
  
- 10. Estimated time required to construct works: see Item #8 above & existing POC filed for Permit # 71148,  
(If well completed, describe works.)
  
- 11. Estimated time required to complete the application of water to beneficial use: 4-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.)  
This application, when approved, will provide water to an existing Commercial office building consisting of one (1) 8,888 square foot building on a 1.25 acre parcel and 9,699 square feet of existing landscaping. See attached "Fixture Count" prepared by Douglas A. Grisham, P.E., Nev Lic. # 05739.
  
- 13. Miscellaneous remarks:  
The existing Permit # 71148 for this commercial site applied for only .25 AFA and was approved on 12-7-04. That permit will be withdrawn upon approval of this new application. The owner Mike Sullivan is in the process of testing the existing totalizing meter and the existing distribution system for possible leaks. The 2007 pumpage report shows them using 3.13 AFA per Scott Clark, D.W.R. Addition water will be obtained, if required, after BeneficalUse is completed for the new permit.

RPHILLIPS@PAHRUMP.COM  
E-mail Address

1-775-727-1940  
Phone No.

**APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT**

By Ronnie M. Phillips  
Type or print name clearly

  
Signature, applicant or agent

Triangle Surveying Inc.  
Company Name

P.O. Box 550  
Street Address or P.O. Box

Pahrump, Nevada 89041  
City, State, Zip Code

**\$250 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION**

STATE ENGINEERS OFFICE  
2009 FEB 13 AM 11:34  
RECEIVED

# NEVADA GEO-TECH, INC.

# 78033

P.O. BOX 6780  
 5170 EAST MANSE ROAD  
 PAHRUMP, NV 89061  
 Phone: (775) 751-5222 Fax: (775) 751-1663  
 e-mail: mike@nvgeotechinc.com

January 30, 2009

Michael J. Sullivan  
 5170 East Manse Road  
 Pahrump, Nevada 89061

**Subject:** Permit # 71148, Water Usage Calculations with Fixture Count Worksheet

**Address:** Nevada Geo-Tech, Inc.  
 5170 East Manse Road  
 Pahrump, Nevada 89061  
 Nye County APN: 45-031-15, Development: Christensen Ros L14 E1/2 1.25AC

**Use, Scope and Purpose:** This project is a Commercial Office  
 The structure is supporting a public facility  
 Total Floor Area: = 8,888 s.f.  
 Total Acreage: = 1.25 Acre  
 Total Landscape Area: = 9,600 s.f.

**A. ESTIMATED WATER USAGE REQUIREMENT PER YEAR**

Fixture Count Type	Number of Fixtures	Private Use	Fixture Unit	Public Use	Fixture Unit	Calculations Count
Coffee Maker	1	1	1		1	1
Dishwasher- Home	1	1	2			2
Hose bib	14	14	3			42
Lavatory Sink	3	1	1	2	2	5
Sink Kitchen	1	1	2			2
Sink Service	2	2	2			4
Shower	1	1	1			1
Water Closet	3	1	1.5	2	2.5	6.5
Other, in AF Landscaping						
Lawnsprinkler head	50	50	1			50

Total fc = **113.5**

Calculation: (Fixture Unit Count x 15 gpd x 365 da /325851 gal/AF)  
 $113.5 \times 15 \times 365 / 325851 =$  **1.90 acre-feet**

RESPECTFULLY,

DOUGLAS A. GRISHAM, P.E.  
 Project Engineer

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 2009 FEB 13 AM 11:34  
 STATE ENGINEER'S OFFICE