

**THE STATE OF NEVADA****PERMIT TO APPROPRIATE WATER**

**Name of Permittee:** MICHAEL AND DIANE VAN CAMP  
**Source:** UNDERGROUND  
**Basin:** DAYTON VALLEY  
**Manner of Use:** COMMERCIAL  
**Period of Use:** JANUARY 1ST THROUGH DECEMBER 31ST  
**Priority Date:** 01/11/2016

\*\*\*\*\*  
**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 granted herein at any and all times.

Monthly records shall be kept of the total amount of water pumped from this well with both commercial and domestic uses reported separately.

These records must be submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

Permit 85780 is issued for commercial water service to the parcel identified by the Lyon County Assessor as APN 15-321-03. Upon cessation of pumping for commercial purposes at this place of use, the water under Permit 85780 shall return to the groundwater source and no application to change or relinquish will be allowed.

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.

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 0.03 cubic feet per second or 0.753 acre-feet annually.

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

August 12 2017

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

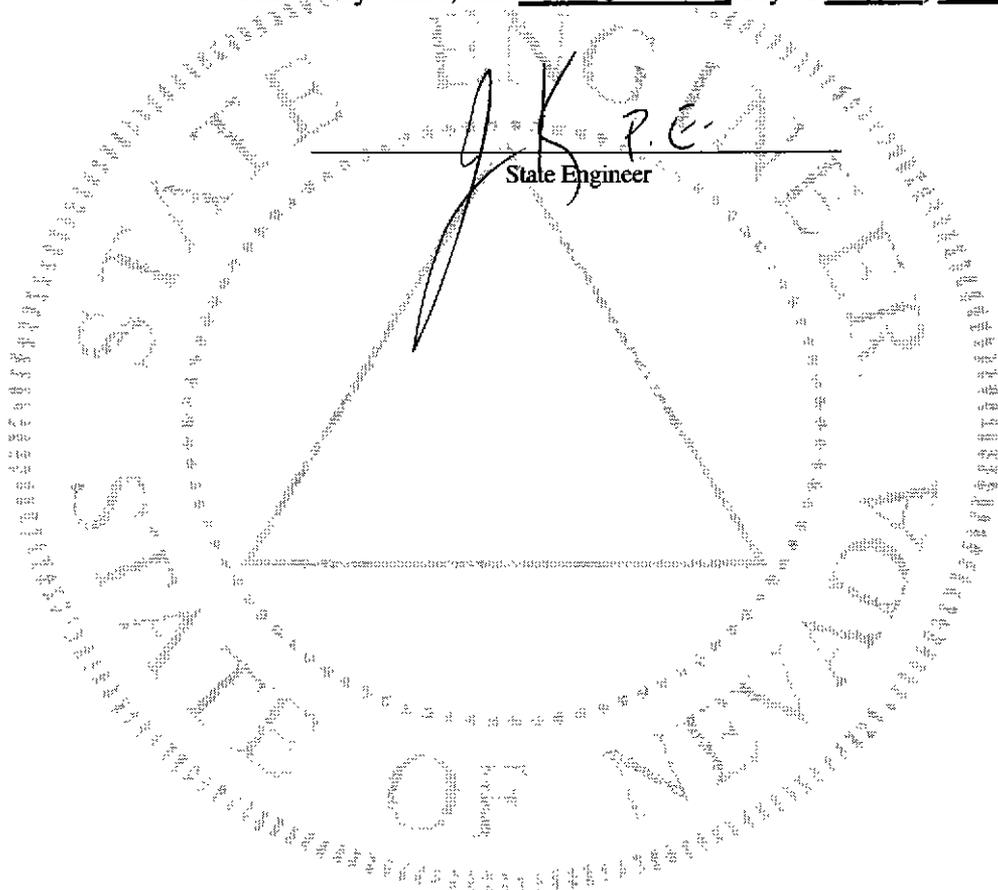
August 12 2019

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 12<sup>th</sup> day of August, 2016



85780

Application No. \_\_\_\_\_

# 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 _____	JAN 11 2016
Returned to applicant for correction _____	JAN 11 2016
Corrected Application filed _____	Map filed _____

The applicant Michael and Diane Van Camp

12390 Shawnee Road of Stagecoach  
Street Address or P.O. Box City or Town

Nevada 89429 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.)

RECEIVED  
2015 JAN 11 AM 11:00  
STATE ENGINEERS OFFICE

1. The source of water is Underground Sources  
Name of the stream, lake, underground, spring or other sources.

2. The amount of water applied for is 0.03 cubic feet per second not to exceed 0.753 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 Commercial 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 \_\_\_\_\_

8-103  
LY

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.)  
w/in the NW1/4 NE1/4 of Section 7, T17N, R23E, MDB & M, or at a point from which the N1/4 corner of said Section 7 bears N 17 degrees 38 minutes W, a distance of 1,293 feet

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)  
w/in a portion of the NW1/4 NE1/4 of Section 7 T17N, R23E, MDB & M, also known as Lyon County Assessor Parcel Number 15-321-03

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.)

Existing well, submersible pump, totalizing meters and pipeline to place of use. The existing well also serves as the domestic well for the Van Camp residence.

9. Estimated cost of works: None - Existing Works

10. Estimated time required to construct works: None - Existing Works

(If the well is complete, describe works.)

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

Based on current metered water demands and projected expansion of lavender plants, the total annual volume of water consumed for commercial purposes will not exceed 0.753 acre feet per year. See attached water consumption estimates.

13. Miscellaneous remarks:

The total combined duty of domestic and commercial use under this application will not exceed 2.0 acre feet per year.

campieslavenderpatch@earthlink.net]

E-mail Address

(775) 720-2420

Phone No.

Ext.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

Michael and Diane Van Camp

Type or print name clearly

Signature, applicant or agent

Company Name

12390 Shawnee Road

Street Address or PO Box

Stagecoach, Nevada 89429

City, State, ZIP Code

**ITEM NO. 12:**

Appropriators = Michael and Diane Van Camp

Source = Underground

Manner of use = Commercial

Amount of appropriation = 0.03 cubic feet per second not to exceed 0.753 acre feet per year

Period of use = 1 January through 31 December each year

RECEIVED  
 2016 JAN 11 AM 11:00  
 STATE ENGINEERS OFFICE

**DESCRIPTION OF MANNER AND PLACE OF USE:**

Water is developed by means of a drilled well, 330 feet deep with a 6" diameter steel casing with a 2 horsepower submersible pump, pressure tank and three totalizing meters:

- The first meter is for inside the residence use.
- The second meter is located 5 feet east of the well head, for commercial Lavender and non- commercial, trees and bushes in the front (south) of the residence.
- The third meter is in the northwest corner of the residence for commercial Lavender and non- commercial trees and bushes on the (north) side of the residence.

Water through the two meters for outside irrigation is distributed through ½ and ¾ drip irrigation tubing except for the irrigation of plants in the hoop houses, those plants are in pots and are irrigated by overhead sprinklers.

The location for the appropriation is 12390 Shawnee Road, Stagecoach Nevada 89429/ Parcel 7-C-1 as shown on the map of IRON MOUNTAIN RANCH UNIT NO. ONE, recorded in the Official records of Lyon County, Nevada on August 26, 1987 as file No. 109792 and also known as Lyon County Assessor Parcel No. 15-321-03.

**ASSUMPTIONS BASED ON METER READINGS TAKEN DURING 2015 FOR YEARLY COMMERCIAL WATER USE ARE:**

1. In-ground 1,884 Lavender plants @ **131,959** gallons or **0.405 acre ft.**
2. Overhead water for plants prepared for sale @ **20,000** gallons or **0.061 acre ft.**
3. Water use for incidental use such as, Equipment cleaning, Burn pile control, water for temporary toilets for seminars, dust control for newly cleared areas etc. @ **20,000** gallons or **0.061 acre ft.**
4. Standby water for dry winters @ **22,500** gallons or **0.070 acre ft.**

5. If approved we intend to increase our in-ground Lavender over the next four years to 2,500 plants. We currently have 1,884 plants in-ground and the increase to 2,500 plants would amount to **43,500 gallons or 0.133 acre ft.**
6. This addition will increase our dry winter standby @ **7,500 gallons or 0.023 acre ft.**
7. **TOTAL PROJECTED COMMERCIAL WATER USE @ 245,459 GALLONS or 0.753 ACRE FEET PER YEAR.**

We continue to closely monitor our water use by paying close attention to the details such as;

1. Utilizing drip irrigation for 95% of our outside watering needs.
2. Standardizing the GPH drip irrigation emitters for all commercial plants.
3. Utilizing gravel to slow water evaporation.
4. Watering overnight in the hottest months July, August and September.
5. All plants are on an automatic watering system that is adjusted as needed to Take advantage of summer rain or cooler days.

Also choosing Lavender as a commercial crop because of its low water requirements, we use less water on 2,500 Lavender plants than one would use on a domestic lawn and landscaping.

Michael and Diane Van Camp  
12390 SHAWNEE RD.  
STAGECOACH, NEVADA, 89429

RECEIVED  
2016 JAN 11 AM 11:01  
STATE ENGINEERS OFFICE