



THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee: TGP NEW YORK CANYON, LLC
Source: UNDERGROUND
Basin: BUENA VISTA VALLEY
Manner of Use: INDUSTRIAL
Period of Use: JANUARY 1ST THROUGH DECEMBER 31ST
Priority Date: 03/30/2012

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 issued under the provisions of NRS 533.371 for a finite period of time. **This permit will expire 5 years from the date that it is issued** and all rights herein will revert to the source. If after 5 years the permit still meets the criteria in NRS 533.371, this expiration date may be extended. 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.

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 2.23 cubic feet per second or 550.0 acre-feet annually.

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

July 31 2015

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

July 31 2018

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 31st day of July, 2013

J. King, P.E.
for State Engineer

81717

Application No. _____

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY	
MAR 30 2012	
Date of Filing in State Engineer's Office	_____
Returned to applicant for correction	_____
Corrected Application filed	_____ Map filed APR 5 2012 under 81717

The applicant TGP New York Canyon, LLC
9590 Prototype Court, Suite 200 of Reno
Street Address or P.O. Box City or Town
Nevada 89521-5916 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.)

TGP New York Canyon, LLC was incorporated in the state of Delaware on November 18, 2010.

1. The source of water is underground
Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 1,000 gpm, not to exceed 550 afa
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 industrial MM
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 _____

REL

129-76

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.)

The NE/4 of the NE/4, Section 25, T26N, R35E, MDM, or at a point from which the NE corner of said Section 25 bears N 63°27'12" E, a distance of 554.26', situated in Pershing County, State of Nevada.

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

New York Canyon Geothermal Unit: Sec. 6, T24N, R35E MDM; Sec. 24-25, T25N, R34E MDM; Sec. 1-3, 9-12, 14-16, 19-22, 28-32, T25N, R35E MDM; Sec. 1-6, NE/4 10, N/2 11, NW/4 12, T25N, R36E MDM; Sec. 13, 22-27, 34-36, T26N, R35E MDM; Sec. 8-10, 15-21, 26-36, T26N, R36E MDM.

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 a pump and motor, etc.)

9. Estimated cost of works: \$400,000

10. Estimated time required to construct works: 5 years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 8 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.)

A proposed geothermal power project will provide renewable green energy. Water needs would not be permanent. Project life may last 30 years or more and would be dependent on a number of factors including resource and sales contract. Uses of water for the project include but not limited to: cooling tower makeup water; plant domestic; injection augmentation of the reservoir to maintain reservoir pressure; well drilling and maintenance; and dust abatement.

13. Miscellaneous remarks:

The project is in a federal unit and is subject to federal, state and county regulations, including National Environmental Policy Act (NEPA). Royalties would be paid to the federal government and shared with the state and county.

mmiller@tgpny.com
E-mail Address
775-850-2266
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Missy Miller (Agent)
Type or print name of agent
Missy Miller
Signature, applicant or agent
TGP New York Canyon, LLC
Company Name
9590 Prototype Court, Suite 200
Street Address or PO Box
Reno, Nevada 89521-5916
City, State, ZIP Code

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STATE ENGINEER'S OFFICE