



THE STATE OF NEVADA

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

Name of Permittee: ORMAT NEVADA, INC
Source: TRUCKEE RIVER
Basin: TRUCKEE CANYON SEGMENT
Manner of Use: INDUSTRIAL
Period of Use: AS DECREED
Priority Date: AS DECREED

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, to change the point of diversion, place and manner of use of Permit 75491, which changed the point of diversion, place and manner of use of a portion of Permit 44378, Certificate 11140, which changed the point of diversion and place of use of a portion of the waters of the Truckee River as heretofore granted under Claim 178.5, Truckee River Decree, is issued subject to the terms and conditions imposed in said decree and with the understanding that no other rights on the source will be affected by the change proposed herein. A totalizing meter must be installed and accurate measurements of water placed to beneficial use must be kept.

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 approved for the entire 1.00 acre-feet annually as requested. However, pursuant to NRS 533.3703, initially only the net consumptive use amount of the base right, 0.63 acre-feet, can be diverted annually. Additional diversion up to the total 1.00 acre-feet may be granted if it can be shown that the additional diversion will not cause the consumptive use of 0.63 acre-feet to be exceeded.

This permit is subject to the continuing jurisdiction and regulation by the Federal Water Master and State Engineer.

Monthly records of water use must be kept and reported annually to the State Engineer and the Federal Water Master no later than February 15 of each year.

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 0.0035 cubic feet per second or 1.0 acre-feet annually.**

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

July 15 2013

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

July 15 2016

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 15th day of July, A.D. 2011



State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

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 DEC 30 2010

Returned to applicant for correction _____

Corrected application filed _____ Map filed JAN 12 2011 under 80343

The applicant Ormat Nevada, Inc
6225 Neil Road of Reno
Street Address or PO Box City or Town
Nevada, 89511 hereby make(s) application for permission to change the
State and ZIP Code

- 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.)

A PORTION OF WATER HERETOFORE APPROPRIATED UNDER PERMIT # 75491

1. The source of water is Truckee River
Name of stream, lake, underground, spring or other sources.
2. The amount of water to be changed 1.00 AFA
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
3. The water to be used for INDUSTRIAL
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 MUNICIPAL AND 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.)
NE1/4 SW1/4 SECTION 31, T.19N, R.18E, M.D.M. OR AT A POINT FROM WHICH THE SOUTHEAST CORNER OF SAID SECTION 31 BEARS S 62°04' E 3.195 FEET (STEAMBOAT CANAL).
6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
As shown on the map supporting Application No. 74746 on file with the Division of Water Resources, State of Nevada.

See Ech. b. + B

by phone con
1/13/11

JAN 12 2011

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

SEE EXHIBIT "A" ATTACHED HERETO AND MAP SUPPORTING APPLICATION 80343 ON FILE WITH THE STATE ENGINEER

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.)

As shown on the map under said Application No. 74746 on file with the Division of Water Resources, State of Nevada.

See Exhibit C

by phone on 1/13/11

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.)

Water to be diverted via pump and pipe.

12. Estimated cost of works 1,000,000

13. Estimated time required to construct works 2 years

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 years

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.)

PRIMARILY TO ENHANCE COOLING OPERATIONS AND OTHER INDUSTRIAL USES

16. Miscellaneous remarks:

garmstrong@usgeomatics.com
E-mail Address
(775) 786-5111
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Glen C. Armstrong
Type or print name clearly
[Signature]
Signature, applicant or agent
US Geomatics
Company Name
P.O. Box 3299
Street Address or PO Box
Reno, Nevada, 89505
City, State, ZIP Code

RECEIVED BY MAIL

EXHIBIT "A"

PROPOSED PLACE OF USE

| <u>DIVISION</u> | <u>SECTION</u> | <u>T-N</u> | <u>R-E</u> | <u>MERIDIAN</u> |
|----------------------|----------------|------------|------------|-----------------|
| ALL | 32 | 18 | 20 | M.D.M. |
| NW ¼ | 33 | 18 | 20 | M.D.M. |
| SW ¼ | 28 | 18 | 20 | M.D.M. |
| SW¼ NW¼ | 28 | 18 | 20 | M.D.M. |
| A portion of SE¼ NW¼ | 28 | 18 | 20 | M.D.M. |
| A portion of NE¼ NW¼ | 28 | 18 | 20 | M.D.M. |
| A portion of NW¼ NW¼ | 28 | 18 | 20 | M.D.M. |
| A portion of SE¼ NE¼ | 29 | 18 | 20 | M.D.M. |
| NE¼ SE¼ | 29 | 18 | 20 | M.D.M. |
| SE¼ SE¼ | 29 | 18 | 20 | M.D.M. |
| A portion of NW¼ SE¼ | 29 | 18 | 20 | M.D.M. |
| A portion of SW¼ SE¼ | 29 | 18 | 20 | M.D.M. |
| NW ¼ | 5 | 17 | 20 | M.D.M. |
| NW¼ NE¼ | 5 | 17 | 20 | M.D.M. |
| A portion of NE¼ SW¼ | 5 | 17 | 20 | M.D.M. |
| A portion of NW¼ SW¼ | 5 | 17 | 20 | M.D.M. |

The following describes the multiple points of diversion for Truckee Meadows Water Authority's Water Treatment Plants and Facilities and Washoe County's Hidden Valley Induction Well #4, which are shown on the map accompanying Application No. 74746 on file with the State of Nevada, Division of Water Resources, more particularly described as follows:

STEAMBOAT CANAL (HUNTER CREEK RESERVOIR) Detail 1:

The point of diversion is situate within the Northeast one-quarter of the Southwest one-quarter (NE $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 31, T.19N., R.18E., M.D.B.&M., Washoe County, Nevada, from said point of diversion, the Southeast corner of said Section 31 bears South 62°04' East, a distance of 3,195.00 feet.

KATZ DITCH (VERDI FLUME) Detail 2:

The point of diversion is situate within the Southeast one-quarter of the Southeast one-quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 19, T. 19N., R. 18E., M.D.B.&M., Washoe County, Nevada from said point of diversion, the Southeast corner of said Section 19 bears South 39°58' East, a distance of 845.00 feet.

HIGHLAND DITCH (HIGHLAND RESERVOIR) Detail 3:

The point of diversion is situate within the Southwest one-quarter of the Southeast one-quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 9, T.19N., R.18E., M.D.B.&M., Washoe County, Nevada, from said point of diversion, the Southeast corner of said Section 9 bears South 75°16' East, a distance of 1,650.00 feet.

ORR DITCH (CHALK BLUFF TREATMENT PLANT) Detail 4:

The point of diversion is situate within the Northeast one-quarter of the Southwest one-quarter (NE $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 17, T.19N., R.19E., M.D.B.&M., Washoe County, Nevada, from said point of diversion, the Southwest corner of said Section 17 bears South 44°40' West, a distance of 3,211.00 feet.

ORR DITCH PUMP STATION (CHALK BLUFF TREATMENT PLANT) Detail 5:

The point of diversion is situate within the Northeast one-quarter of the Southeast one-quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 17, T.19N., R.19E., M.D.B.&M., Washoe County, Nevada, from said point of diversion, the Northeast corner of said Section 17 bears North 15°39'36" East, a distance of 3,264.77 feet.

IDLEWILD TREATMENT PLANT Detail 6:

The point of diversion is situate within the Southeast one-quarter of the Southeast one-quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 10, T.19N., R.19E., M.D.B.&M., Washoe County, Nevada, from said point of diversion, the Southeast corner of said Section 10 bears South 69°57'58" East, a distance of 842.34 feet.

NORTH TRUCKEE DITCH (GLENDALE TREATMENT PLANT) Detail 7:

The point of diversion is situate within the Southwest one-quarter of the Northeast one-quarter (SW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 7, T.19N., R.20E., M.D.B.&M., Washoe County, Nevada, from said point of diversion, the Northeast corner of said Section 7 bears North 39°28' East, a distance of 3,015.00 feet.

WASHOE COUNTY (HIDDEN VALLEY INDUCTION WELL #4) Detail 8:

The point of diversion is situate within the West one-half of the Northwest one-quarter (W $\frac{1}{2}$ NW $\frac{1}{4}$) of Section 16 T.19N., R.20E., M.D.B.&M., Washoe County, Nevada from said point of diversion, the West one-quarter corner of Section 21, T.19N., R.20E., M.D.B.&M. bears South 09°54'07" West, a distance of 6929.94 feet.

80347

Exhibit C

80367

~~EXHIBIT B~~
PROPOSED PLACE OF USE

75491

| <u>DIVISION</u> | <u>SECTION</u> | <u>T-N</u> | <u>R-E</u> | |
|-----------------|----------------|------------|------------|-------------|
| ALL | 1 - 5 | 18 | 18 | M.D.B. & M. |
| E ½ | 6 & 7 | 18 | 18 | M.D.B. & M. |
| ALL | 8 - 17 | 18 | 18 | M.D.B. & M. |
| E ½ | 18 & 19 | 18 | 18 | M.D.B. & M. |
| ALL | 20 - 29 | 18 | 18 | M.D.B. & M. |
| E ½ | 30 & 31 | 18 | 18 | M.D.B. & M. |
| ALL | 32 - 36 | 18 | 18 | M.D.B. & M. |
| ALL | 1 - 5 | 19 | 18 | M.D.B. & M. |
| E ½ | 6 & 7 | 19 | 18 | M.D.B. & M. |
| ALL | 8 - 17 | 19 | 18 | M.D.B. & M. |
| E ½ | 18 & 19 | 19 | 18 | M.D.B. & M. |
| ALL | 20 - 29 | 19 | 18 | M.D.B. & M. |
| E ½ | 30 & 31 | 19 | 18 | M.D.B. & M. |
| ALL | 32 - 36 | 19 | 18 | M.D.B. & M. |
| ALL | 1 - 5 | 20 | 18 | M.D.B. & M. |
| E ½ | 6 & 7 | 20 | 18 | M.D.B. & M. |
| ALL | 8 - 17 | 20 | 18 | M.D.B. & M. |
| E ½ | 18 & 19 | 20 | 18 | M.D.B. & M. |
| ALL | 20 - 29 | 20 | 18 | M.D.B. & M. |
| E ½ | 30 & 31 | 20 | 18 | M.D.B. & M. |
| ALL | 32 - 36 | 20 | 18 | M.D.B. & M. |
| ALL | 1 - 5 | 21 | 18 | M.D.B. & M. |
| E ½ | 6 & 7 | 21 | 18 | M.D.B. & M. |
| ALL | 8 - 17 | 21 | 18 | M.D.B. & M. |
| E ½ | 18 & 19 | 21 | 18 | M.D.B. & M. |
| ALL | 20 - 29 | 21 | 18 | M.D.B. & M. |
| E ½ | 30 & 31 | 21 | 18 | M.D.B. & M. |
| ALL | 32 - 36 | 21 | 18 | M.D.B. & M. |
| ALL | 1 - 36 | 17 | 19 | M.D.B. & M. |
| ALL | 1 - 36 | 18 | 19 | M.D.B. & M. |
| ALL | 1 - 36 | 19 | 19 | M.D.B. & M. |
| ALL | 1 - 36 | 20 | 19 | M.D.B. & M. |
| ALL | 1 - 36 | 21 | 19 | M.D.B. & M. |
| ALL | 5 & 6 | 16 | 20 | M.D.B. & M. |
| ALL | 1 - 36 | 17 | 20 | M.D.B. & M. |
| ALL | 2 - 35 | 18 | 20 | M.D.B. & M. |
| W ½ | 36 | 18 | 20 | M.D.B. & M. |
| ALL | 1 - 12 | 19 | 20 | M.D.B. & M. |
| N ½ | 13 | 19 | 20 | M.D.B. & M. |
| ALL | 14 - 23 | 19 | 20 | M.D.B. & M. |
| ALL | 26 - 35 | 19 | 20 | M.D.B. & M. |
| ALL | 06, 07 & 18 | 19 | 21 | M.D.B. & M. |
| ALL | 1 - 36 | 20 | 20 | M.D.B. & M. |
| ALL | 1 - 36 | 21 | 20 | M.D.B. & M. |
| ALL | 1 - 36 | 20 | 21 | M.D.B. & M. |
| ALL | 1 - 36 | 21 | 21 | M.D.B. & M. |

See supporting map on file under Application No. 74748.