

STATE OF NEVADA

CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Kyle Synder, Agent, has presented to the State Engineer of the State of Nevada, Proof of Application of Water to Beneficial Use, from an underground (geothermal) source through a drilled well (Well No. 34-32), pump and distribution system for industrial (geothermal power generation) purposes. The point of diversion of water from the source is as follows:

SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32, T.18N., R.20E., M.D.B.&M., or at a point from which the N $\frac{1}{4}$ corner of said Section 32 bears N.28°32'22"E., a distance of 2,527.26 feet situated in Washoe County, State of Nevada.

Under the provisions of NRS 533.425, the State Engineer has determined the date, source, purpose, amount of appropriation, and the place where such water is appurtenant, as follows:

Name of appropriator:	Caithness Operating Water Rights, LLC
Source:	Underground (geothermal-Well No.34-32)
Manner of Use:	Industrial (geothermal power generation)
Amount of appropriation:	*5.88 c.f.s., but not to exceed 3,696.50 acre-feet annually
Period of use:	January 1st through December 31st of each year
Date of priority of appropriation:	**September 15, 1980

Description of works of diversion, manner and place of use:

Water is developed by means of a drilled well, 1,558 feet deep, 30-inch diameter casing, equipped with a Goulds pump, 800 H.P. G.E. motor and totalizing meter, thence through the plant's distribution system including piping, turbine and condenser. Geothermal fluid is utilized for the generation of power at the 30 megawatt Galena 3 plant. The used geothermal fluid is returned to the source via injection wells. The place of use is located within the N $\frac{1}{2}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, and N $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5, T.17N., R.20E., M.D.B.&M., and Section 32, T.18N., R.20E., M.D.B.&M.

*The total combined consumptive use of geothermal fluid under Permit 50914, Certificate 15205; Permit 55191, Certificate 15206; Permit 55192, Certificate 15207; Permit 55194, Permit 55196, Certificate 18735 and Permit 66448, Certificate 18421 shall not exceed 7,963.67 acre-feet annually.

**This certificate changes the point of diversion and place of use of Permit 42445, therefore, the date of priority remains the same as Permit 42445.

This certificate is issued subject to the terms of the permit.

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place and for the purpose as set forth herein.

IN TESTIMONY WHEREOF, I, JASON KING, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 23rd day of May, 2012.

for J. King, P.E.
State Engineer

MM/gkl