Application No. 89030

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 JUL 0 9 2019

Returned to applicant for correction

Corrected Application filed Map filed JUL 0 9 2019

The applicant Nanoforce Technologies LLC

1 East Liberty, 6th Floor, Reno Business Center (Street Address or P.O. Box) of Reno (City or Town)

Nevada, 89501 (State and ZIP Code) nanoforce.technologies@gmail.com / Phone 1-305-713-0876 (E-mail Address)

hereby make(s) application for permission to appropriate 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.)

N/A

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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 6.89453 CFS and 500 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet N/A
3. The water is to be used for Mining and extraction of lithium.
   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

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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.)

NW quarter, of section 22, Township 35 N., Range 70 E., M.D.M., or at a point from with Northwest section corner of section 22 bears N 58°09'00" W, a distance of 2960.11 feet.

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

E1/2, of SE1/4, of NW1/4, Section 22, T.35N., R.70E., M.D.M.

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7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day) of each year.

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.)

6-inch well, 100 to 2000 feet deep, pumped using submersible electric water pump. An on-site lithium extraction plant using a bionanomaterial for stripping lithium off the brine, returning the brine (minus lithium) back to the aquifer.

9. Estimated cost of works: $100,000.00

10. Estimated time required to construct works: within 1 year
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: within 5 years after construction

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.)

See Explanatory Addendum.

13. Miscellaneous remarks:

There are power transmission lines about 3.5 miles to the southwest of the project site, but if power cannot be brought in via transmission lines, diesel power generators may be used for power supply. Water will be diverted using a 6-inch well, 100 to 2000 feet deep, pumped using submersible electric water pump (150.0 HP), transfered via pipeline to a lithium extraction plant and returned to the aquifer after going through a closed loop system, with no contaminantion.

Bernardo de Leão Rosenmann
Type or print name clearly

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Signature, applicant or agent

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Nanoforce Technologies LLC
Company Name

1 East Liberty, 6th Floor
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APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

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Explanatory Addendum to Application to Appropriate

Nanoforce Technologies LLC

This Application to Appropriate is filed to allow for lithium extraction/mining in Pilot Valley, in Elko County. Applicant has one twenty-acre placer claim (PV-NT-01), that is in Elko County. This claim is in good standing on federal lands managed by the BLM and comprise the place of use on the attached map.

Applicant will divert water from a pump well (6-inch, 100 to 2000 feet deep) located at the point of diversion, transport the water via pipeline to a facility where the lithium will be extracted from the water, and then the water will be transported via pipeline to an injection well (6-inch, 100 to 2000 feet deep), located at the point of return, where the water will be returned to the aquifer.

It is important to emphasize that the pumped waters from the Shallow Brine Aquifer or the Basin Fill Aquifer will be injected into the original aquifers from which the water was pumped. The technology used by Nanoforce Technologies LLC to extract lithium from the water uses a bionanomaterial that offers zero risk of contamination in the water being returned to the aquifer.

For purposes of this Application, Applicant is using a consumptive rate of 10%. Volume is calculated as follows:
6.89453 cfs x 723.968 acre-feet per year per cfs = 4,991.41 acre-feet diverted per year
4,991.41 acre-feet diverted x 10% consumptive rate = 499.1 acre-feet consumed per year

This Application to Appropriate complies with the water policies for Basin 192 (Great Salt Lake Basin), which state that 4,991.41 acre-feet annually of ground water is available for appropriation.

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