



Reno Office
5410 Longley Lane
Reno, Nevada 89511

775.829.2245
www.mcgin.com

Las Vegas Office
1915 N. Green Valley Pkwy.
Suite 200
Henderson, Nevada 89074

702.260.4961

September 12, 2022

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271

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SEP 16 2022

OWRD

ATT: Ms. Mary Bjork

RE: APPLICATION FOR LIMITED WATER USE LICENSE, HITECH MINERALS, MALHEUR COUNTY, OREGON

Dear Ms. Bjork:

McGinley & Associates, Inc. (McGinley), on behalf of HiTech Minerals, Inc. (HiTech), is pleased to submit this application for a Limited Water Use License to the Oregon Water Resources Department (OWRD). Included herein please find the following application materials:

- \$280 application fee for one point of diversion (Check #37003);
- Application for Limited Water Use License;
- Project description;
- Water availability statement;
- Site map;
- Well schematic; and,
- Bureau of Land Management (BLM) authorization of well installation activities.

McGinley trusts this application meets the requirements of the OWRD at this time. Should you have any questions or comments regarding this application, please feel free to contact the undersigned at your earliest convenience.

Respectfully submitted,
McGinley & Associates, Inc.

Justin Fike, P.G.
Project Manager/Hydrogeologist



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Application for Limited Water Use License

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License No.: LL-1941

Applicant Information

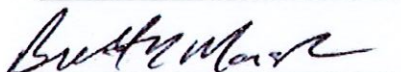
| | | | | |
|---|--|----------------------|--------------|--------------------------------|
| NAME HiTech Minerals, Inc., Att: Brett Marsh | | | PHONE (HM) | |
| PHONE (WK) | | CELL 623-570-3359 | | FAX |
| ADDRESS 241 Ridge St., Suite 240 | | | | |
| CITY Reno | | STATE NV | ZIP 89501 | E-MAIL * brett@jindalee.net |

Agent Information

| | | | | | |
|------------------------------|--|-------------|-----------------------|-----------------------------|------|
| NAME Justin Fike | | | PHONE 775-829-2245 | | FAX |
| ADDRESS 5410 Longley Lane | | | | | CELL |
| CITY Reno | | STATE NV | ZIP 89511 | E-MAIL * jfike@mcgin.com | |

I (We) make application for a Limited License to use or store the following described surface waters or groundwater – not otherwise exempt, or to use stored water of for a use of a short-term or fixed-duration:

- SOURCE(S) OF WATER:** Groundwater a tributary of N/A
- AMOUNT OF WATER** to be diverted;
Maximum and instantaneous rate (cubic feet or gallons per minute): 75 gpm (up to 41,250 gpd)
Total volume (gallons or acre-feet): 34.69 afa. If water is to be used from more than one source, give the quantity from each: _____
- INTENDED USE(S) OF WATER:** (check all that apply)
☒ Road construction or maintenance (dust abatement at drilling pads/access roads)
☐ General construction
☐ Forestland and rangeland management; or
☒ Other: Mineral exploration drilling water supply
- DESCRIPTION OF PROPOSED PROJECT:** Include a description of the place of use as shown on the accompanying site map, the method of water diversion, the type of equipment to be used (including pump horsepower, if applicable), length and dimensions of supply ditches and pipelines:
Please see Attachment A and Figures 1 and 2.
- PROJECT SCHEDULE:** (List day, month, and year)
Date water use will begin: November 1, 2022
Date water use will be completed: October 31, 2027
Months of the year water would be diverted and used: March through November
If for other than irrigation from stored water, how and where will water be discharged after use:
N/A


Applicant Signature

Brett Marsh, V.P. Exploration & Dev.
Print Name and title if applicable

August 24, 2022
Date

PLEASE READ CAREFULLY

NOTE: A completed water availability statement from the local watermaster, Land Use Information Form completed by the local Planning Department, fees and site map meeting the requirements of OAR 690-340-030 must accompany this request. The fee for this request is **\$280** for the first point of diversion plus **\$30** for each additional point of diversion. Please review the Department's fee schedule to view fees required to request a limited license for Aquifer Storage and Recovery testing purposes or for Artificial Groundwater Recharge testing purposes.

Failure to provide any of the required information will result in return of your application. The license, if granted, will not be issued or replaced by a new license for a period of more than five consecutive years. The license, if granted, will be subordinate to all other authorized uses that rely upon the same source, or water affected by the source, and may be revoked at any time it is determined the use causes injury to any other water right or minimum perennial streamflow.

If water source is well, well logs or adequate information for the Department to determine aquifer, well depth, well seal and open interval, etc. are required. The licensee shall indicate the intended aquifer. If for multiple wells, each map location shall be clearly tied to a well log.

If a limited license is approved, the licensee shall give notice to the Department (Watermaster) at least 15 days in advance of using the water under the Limited License and shall maintain a record of use. The record of use shall include, but need not be limited to, an estimate of the amount of water used, the period of use and the categories of beneficial use to which the water is applied. During the period of the Limited License, the record of use shall be available for review by the Department upon request.

**A summary of review criteria and procedures that are generally applicable to these applications is available at:
<http://www.oregon.gov/owrd/pages/pubs/forms.aspx>*

Mapping Requirements (OAR 690-340-0030):

- (1) A request for a limited license shall be submitted on a form provided by the Water Resources Department, and shall be accompanied by the following:
 - a. A site map of reproducible quality, drawn to a standard, even scale of not less than 2 inches = 1 mile, showing:
 - i. The locations of all proposed points of diversion referenced by coordinates or by bearing and distance to the nearest established or projected public land survey corner;
 - ii. The general course of the source for the proposed use, if applicable;
 - iii. Other topographical features such as roads, streams, railroads, etc., which may be helpful in locating the diversion points in the field.

REMARKS:

For WRD Use Only

ATTACHMENT A

4. DESCRIPTION OF THE PROPOSED PROJECT: Include a description of the place of use as shown on the accompanying site map, the method of water diversion, the type of equipment to be used (including pump horsepower, if applicable), length and dimensions of supply ditches, and pipelines:

Project Summary

HiTech Minerals, Inc. is conducting mineral exploration within the proposed place of use (POU) identified on Figure 1. The proposed POU is located on federal lands administered by the Bureau of Land Management (BLM), Vale Office. The requested water use is for exploration drilling water supply and dust suppression on/near the drill pads. The water supply will be needed for up to five years. The maximum anticipated water use based on estimated worst case scenario drilling conditions is 41,250 gallons/day (gpd) while drilling, up to an estimated 34.7 acre-feet annually (afa).

Proposed Well and Equipment

The proposed well (point of diversion) location is indicated on Figure 1. A well schematic showing the anticipated well construction is provided in Figure 2. The well annulus would be sealed through the upper alluvium such that the perforated well screen is accessing water located in the deeper volcanic rock. An approximate 7.5 HP submersible pump will be installed in the well to facilitate rapid filling of water storage tanks. Water will be conveyed from the well through temporary above ground pipes to temporary above ground water storage tanks located proximal to the well. The water tanks will be equipped with a water level float system to control the well pump and prevent overflow of the tanks. Water would be periodically transferred by pump from the storage tanks to a water truck which would transport the water to respective exploration drilling locations located within the POU.

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This page to be completed by the local Watermaster.

WATER AVAILABILITY STATEMENT

Name of Applicant: HiTech Minerals, LLC Limited License Number: LL-1941

1. To your knowledge, has the stream or basin that is the source for this application ever been regulated for prior rights?

☐ Yes ☒ No

If yes, please explain:

Stream/basin is unajudicated.

2. Based on your observations, would there be water available in the quantity and at the times needed to supply the use proposed by this application?

☒ Yes ☐ No

3. Do you observe this stream system during regular fieldwork?

☐ Yes ☒ No

If yes, what are your observations for the stream?

4. If the source is a well and if WRD were to determine that there is the potential for substantial interference with nearby surface water sources, would there still be ground water and surface water available during the time requested and in the amount requested without injury to existing water rights?

☐ Yes ☐ No ☐ N/A UNKNOWN

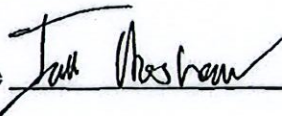
What would you recommend for conditions on a limited license that may be issued approving this application?

Installation of an in-line totalizing flow meter.

5. Any other recommendations you would like to make?

Defer to groundwater section to determine if proposed well/use will impact nearby stream flows/downstream SW Claims.

Signature

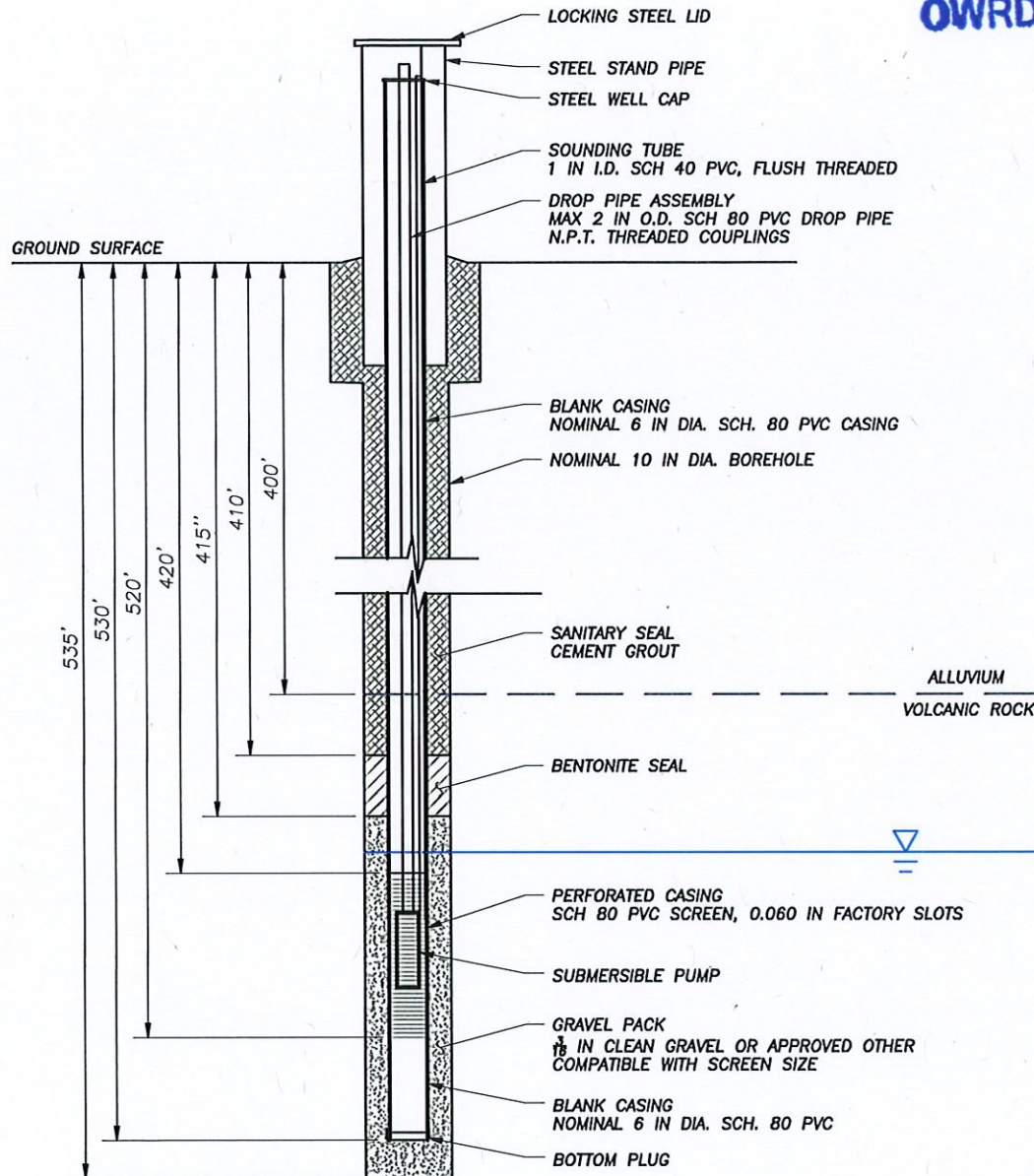


WM District #: 9 Date: 7/1/2022

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| | | | | |
|-----------|----------|-------------|-----|------|
| REFERENCE | DESIGNED | | JF | |
| | DRAWN | | TAD | |
| | CHECKED | | | |
| | APPROVED | | | |
| REVISIONS | No. | DESCRIPTION | BY | DATE |
| | 1 | | | |
| | 2 | | | |
| | 3 | | | |
| | 4 | | | |
| | 5 | | | |

FIGURE 2

**WELL SCHEMATIC
DRILLING WATER SUPPLY WELL
McDERMITT EXPLORATION
PROJECT
McDERMITT, OREGON**



McGinley & Associates

SCALE: NOT TO SCALE

JOB NO. JIN001.008

REVISION



LL-1941



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vale District Office
100 Oregon Street
Vale, Oregon 97918
<http://www.blm.gov/or/districts/vale>



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SEP 16 2022

OWRD

3809 LLORV04000
OR-69462

AUG 23 2022

CERTIFIED MAIL - RETURN RECEIPT REQUESTED - 7022 0410 0000 4291 7131

HiTech Minerals Inc.
Attn: Brett Marsh
241 Ridge St, Suite 210
Reno, NV 89501

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:
:
:

Surface Management

NOTICE MODIFICATION COMPLETE AND DETERMINATION OF FINANCIAL GUARANTEE AMOUNT

On August 9, 2022, BLM received a modification (MD-4) for the HiTech Minerals notice (OROR-69462) to drill a water well and brush-hog sage brush in support of exploration activities. The BLM has reviewed the Notice Modification and determined it is complete (Enclosure 1), containing all the information required by the surface management regulations outlined in 43 CFR 3809.301, and is adequate to prevent unnecessary or undue degradation (UUD) as defined by 43 CFR 3809.5.

Based on review of data currently available, the proposed operation presents a low risk of impacting historic properties if the operator drives on designated routes and conducts exploration on the identified drilling pads. There are threatened and endangered species in McDermitt Creek, downstream from exploration activity; however, sediment controls outlined in the Notice are sufficient to prevent UUD. Regulations outlined in 43 CFR 3809.420 (Enclosure 2) provide further details on performance standards that apply to your Notice operation, which include those related to cultural resources and threatened or endangered species.

Amount of Financial Guarantee - This office has reviewed HiTech Minerals' reclamation cost estimate for the proposed modification and determined that the amount of \$56,772 is sufficient to meet all anticipated reclamation requirements. The amount of the reclamation cost estimate is based on the operator complying with all applicable operating and reclamation requirements as outlined in the Notice and the regulations outlined in 43 CFR 3809.420.

The additional financial guarantee in the amount of \$40,721 must be submitted to and accepted by the BLM Oregon/Washington State Office at 1220 SW 3rd Avenue, Portland, OR 97204. You must receive written notification from that office accepting and obligating the additional financial guarantee before you continue any surface-disturbing operations. Please contact Lisa Stone, land law examiner at lstone@blm.gov or (503) 808-6155 to post the additional bond amount.

BLM's review of your proposed operations, determination that your Notice Modification is complete, finding that the activity will not cause unnecessary or undue degradation, and decision concerning the amount of the required financial guarantee does not relieve you, the operator, of the responsibility to comply with all applicable Federal, state, and local laws, regulations, and permit requirements.

SEP 16 2022

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2

You are responsible for preventing any unnecessary or undue degradation and for reclaiming all lands disturbed by your operations.

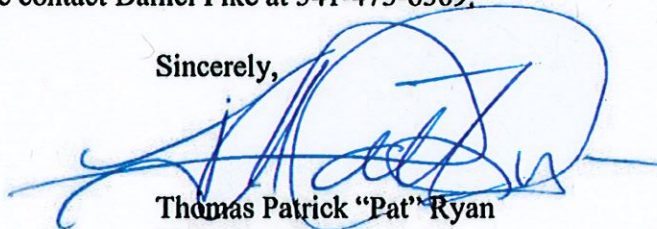
This review and determination do not constitute certification of ownership to any entity named in the Notice, recognition of the validity of any associated mining claims, or recognition of the economic feasibility of the proposed operations.

Term of Notice - Your Notice will remain in effect for 2 years from the date of this letter. If you wish to conduct operations for another 2 years after the expiration date of your Notice, you must notify this office in writing on or before the expiration date as required by 43 CFR 3809.333. You will also have to submit an updated reclamation cost estimate at that time.

Appeal of the Decision Determining the Required Financial Guarantee Amount – Appeal of this Decision Determining the Required Financial Guarantee Amount can be pursued utilizing Form 1842-1 (Enclosure 3).

If you have any questions, please contact Daniel Pike at 541-473-6369.

Sincerely,



Thomas Patrick "Pat" Ryan
Field Manager
Malheur Field Office

3 Enclosures

- 1- Complete HiTech Notice Modification (Modification #4)
- 2- 43 CFR 3809.420, performance standards
- 3 - Form 1842-1, Information on Taking Appeals to the Interior Board of Land Appeals

cc: Luke Poff- BLM-OSO
Lisa Stone – BLM OSO, bond adjudication
John Young- McGinley and Associates, via electronic mail: jyoung@mcgin.com