



State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301
(503) 986-0900

Application for Limited Water Use License

*A summary of review criteria and procedures that are generally applicable to these applications is available at
www.wrd.state.or.us/OWRD/PUBS/forms.shtml.*

License No. LL4545

Applicant(s): Cascade Earth Sciences

Contact Person: Greg Thurman

Mailing Address: 107 Island Avenue

La Grande

City

OR

State

97850

Zip

Telephone No: 541-963-7758

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SALEM, OR

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 the State of Oregon for a use of a short-term or fixed duration:

1. SOURCE(S) OF WATER for the proposed use: Goose Creek a tributary of Powder River.
2. TOTAL AMOUNT OF WATER to be diverted: _____ cubic feet per second, or 300 gallons per minute. If water is to be used from more than one source, give the quantity from each: *The total estimated amount of water needed for the project from this source is 100,000 gallons.
3. INTENDED USE(S) OF WATER: (check all that apply)
☒ Road construction or maintenance
☒ General construction
☐ Forestland and rangeland management; or
☐ Other: _____
4. DESCRIPTION OF PROPOSED PROJECT: Include a description of the intended 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:

Poorman/Balm Creek Mine Reclamation Project - BLM Contract No: L13PC00272

Water will be used for dust control, soil moisture adjustment for compaction purposes, and general construction. Water will be removed from Goose Creek using an 11-hp trash pump with a 3" hose directed to a tender truck for distribution at the site. The point of diversion and site map is shown on attached Figure 1. Water will be used for construction purposes at the Reclamation Project shown on Figure 2 (BLM Land). The Diversion Point is at a meadow on O'Connell Ranches in the SE quarter of SW quarter of Section 8, Township 8S, Range 43E.

5. PROJECT SCHEDULE: (List day, month, and year)

JUL 28 2014

Date water use will begin August 20, 2014Date project will be completed November 15, 2014

SALEM, OR

Date water use will be completed November 15, 2014

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars) ☐ Yes ☒ No

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 \$250 for the first point of diversion plus \$25 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 a 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.

REMARKS:

Water will be measured by counting full truck loads. This information is being recorded per contracting arrangement with O'Connell Ranches. The water will be used in place of water already licensed by LL-1529 which may become limited due to water right restrictions this season. The total water request (from LL-1529 and this application) remains at 300.000 callons.

SIGNATURE of Applicant:  DATE: July 20, 2014Title: Principal Engineer**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:

(c) A site map of reproducible quality, drawn to a standard, even scale of not less than 2 inches = 1 mile, showing:

(A) 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;

(B) The general course of the source for the proposed use, if applicable;

(C) Other topographical features such as roads, streams, railroads, etc., which may be helpful in locating the diversion points in the field.

This page to be completed by the local Watermaster.

WATER AVAILABILITY STATEMENT

Name of Applicant: Cascade Earth Sciences Limited License Number: LL-1548

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:

Watermaster District 8 has regulated on Goose Creek. The regulation occurs approximately every 10 years, generally when there is a change of ownership. Watermaster District 8 has not regulated on Goose Creek in 2014.

2. Based on your observations, would be there 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?

Goose Creek generally has some water in it during the irrigation season. This license is an arrangement with O'Connell Ranches to use a portion of the water associated with Certificate 4401.

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

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

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5. Any other recommendations you would like to make?

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Signature Michael M. Frank WM District #: 8 Date: 7-21-2014



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July 23, 2014

Jerry Sauter
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301

SUBJECT: Limited Water Use License Request, Poorman/Balm Creek Mine Reclamation Project - Baker County, Oregon, BLM Contract No. L13PC00272/CES Project # 2013230040

Dear Mr. Sauter,

Attached is a second Limited Water Use License application in conjunction with the above referenced project. The water rights held by Jacobs Ranch (which we have a license to use under LL-1529) may become restricted later this summer given the dry conditions being experienced in Eastern Oregon. To minimize project disruptions, we are requesting a second license to withdraw water from Goose Creek under contract with O'Connell Ranches. The total water volume, from both sources combined, remains the same at 300,000 gallons and be used at the same location (i.e., the Poorman/Balm Creek Reclamation project site).

Please call me at 541-915-5961 with any questions or comments.

Sincerely,
CASCADE EARTH SCIENCES

Greg Thurman, P.E.
Principal Engineer

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PN: 2013230040
Att: Limited Water Use License Application
Figure 1 - Water Diversion Point Site Plan
Figure 2 - Area of Water Use
Doc: 20140723 Cover Letter.docx