

Biodiversity

Our Commitment to Biodiversity

Our commitment to biodiversity includes reducing impacts to the natural ecosystem and taking steps to protect local species. We are committed to protecting and preserving biodiversity and integrating conservation actions throughout the design and life cycle of our project and operating activities. We will be actively involved in managing, protecting and mitigating habitats and ecosystems in the areas where we operate.

Thacker Pass is a project founded on over 10 years of baseline data collection that was thoroughly analyzed by the U.S. Department of the Interior's Bureau of Land Management (BLM) through an Environmental Impact Statement.

As part of our **Strategic Plan for Biodiversity Management and Preservation**, we have:

- Collected comprehensive baseline data to characterize the presence and habitat of wildlife and plant life in the Thacker Pass baseline study area;
- Modeled the possibility of potential direct and indirect impacts on biodiversity resources from site-based disturbance, including noise;
- Developed mitigation plans to avoid or limit impacts on ecological resources; and
- Developed compliance management and reporting systems to support compliant operations.

Over a seven-year period, we collected baseline environmental data required for the National Environmental Policy Act (NEPA) process

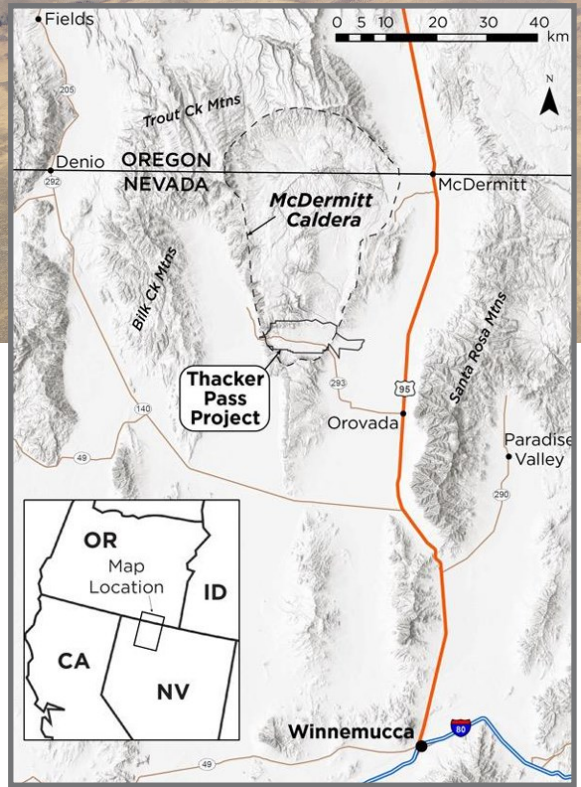
Thacker Pass is designed and engineered to reduce its environmental footprint, to limit damage to sensitive habitat and to employ cutting edge environmental control technologies

Environmental Stewardship in our Designs

Over the past 12 years, we have carefully studied the ecosystem that surrounds Thacker Pass, and have made several key design decisions based on biodiversity considerations including:

- Moving the location to the south and away from the Montana Mountains, avoiding potential impacts to sensitive species and their habitat. The Montana Mountains provide a unique biodiverse habitat for sensitive aquatic species, game birds (sage grouse) and other wildlife, while the habitat at Thacker Pass is dry, of lower quality due to past wildland fires and dominated by invasive weeds; and
- Building environmental protection measures into the design from an early development stage, including water recycling, on-site clean energy generation and implementing a reduced footprint.

Over the years, we have invested over \$2 million in biodiversity and culture-related projects, including contributions to the UNR Great Basin Sagebrush Restoration Fund associated with improving and enhancing sage grouse habitats, contributions to the State of Nevada Department of Wildlife associated with riparian and wetland enhancement projects, golden eagle habitat and nesting surveys, provided funding towards power pole retrofitting associated with raptor electrocution prevention and implemented a cultural and historic properties treatment plan.



Protecting the Montana Mountains is Our Priority

Lithium Americas made the decision in 2018 to move the project south of the Montana Mountains to avoid disturbing sensitive ecological areas located within the mountains.

The proposed mine, processing plant and filtered dry stacked tailings facilities are in a low-lying area of Thacker Pass. The flat terrain allows for a compact footprint that also supports future potential expansions.

Many years of environmental monitoring data were collected and used to locate project infrastructure in areas of lowest environmental impact. Noise and air emissions control systems have been engineered to reduce our impact beyond regulatory requirements.

Sensitive Habitat are Unaffected

The data and related modeling submitted to the BLM in the Environmental Impact Statement (EIS) indicate that no significant adverse impact to local streams or related wildlife habitat are expected, either directly or indirectly, from the construction or operations of Thacker Pass.

We plan to conduct extensive monitoring of water levels in the Montana Mountains during operations to continuously confirm the BLM and US Fish and Wildlife Service (USFWS) conclusions that operations are not likely to affect protected trout habitat in perennial streams to the north of the project.

Thacker Pass will not involve any direct physical disturbance of sage grouse leks or golden eagle nests, and we are working within existing state and federal programs to offset any potential indirect impacts associated with noise or other possible disruptions.

In April 2022, the USFWS, in cooperation with other agencies, issued an Incidental Eagle Take Permit, in compliance with the Bald and Golden Eagle Protection Act.

In January 2021, the BLM issued a Final EIS and Record of Decision for Thacker Pass. Modeling completed for the EIS analysis determined that direct or indirect effects on the King’s River Pyrg snail are not expected from construction or operations. Currently, we are voluntarily working closely with the USFWS and Nevada National Heritage Program to perform additional field

Cautionary Statements Regarding Forward-Looking Statements

This document should be read in conjunction with Lithium Americas Corp.’s news releases, latest Management Discussion and Analysis, Financial Statements, Technical Reports, Annual Report Form 20-F and Management Information Circular, available on our website at www.lithiumamericas.com or on SEDAR+ or EDGAR, as applicable. This document contains “forward-looking information” within the meaning of applicable Canadian securities legislation, and “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, which are based on our current expectations. We believe that our current expectations are based on reasonable assumptions; however, no assurance can be given that such expectations will prove to be correct. Readers are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date hereof. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by law. Scientific and technical information in this document about the Thacker Pass Project has been reviewed and approved by Rene LeBlanc, the Company’s Chief Technical Officer and a qualified person under National Instrument 43-101 Standards of Disclosure for Mineral Projects (“NI 43-101”). Further information about the Thacker Pass Project, including a description of key assumptions, parameters, methods and risks, is available in the independent NI 43-101 technical report entitled “NI 43-101 Technical Report on the Thacker Pass Project Humboldt County, Nevada, USA,” available on SEDAR+ and the independent S-K 1300 technical report entitled “S-K 1300 Technical Report on the Thacker Pass Project Humboldt County, Nevada, USA,” in each case dated effective December 31, 2024.

All figures presented are in US Dollars unless otherwise noted.

Connect With Us

Website:
www.lithiumamericas.com

Email:
Maria Anderson
Director, Community Relations
maria.anderson@lithiumamericas.com

Social Media:

@ThackerPass
 @LithiumAmericas
 @LithiumAmericas