

Calico Grassy Mountain Gold Mine State of Oregon Draft Permits Public Hearing January 29, 2026

Oregon Department of Geology and Mineral Industries
Adam Bonin, PhD
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Public Meeting Agenda

- Oregon Department of Geology and Mineral Industries
 - Proposed Grassy Mountain Mine
 - Consolidated permitting process and update
 - Draft Operating Permit / Draft Order
- Oregon Department of Environmental Quality Draft permits
- Informal Question & Answer session
- BREAK



Public Hearing

- Please sign in to register to provide public comment
- Comments should be specific to draft permits
- Public comment period ends February 6, 2026
- Submit via email: information.grassymtn@dogami.oregon.gov
- Submit via US Postal Service mail:



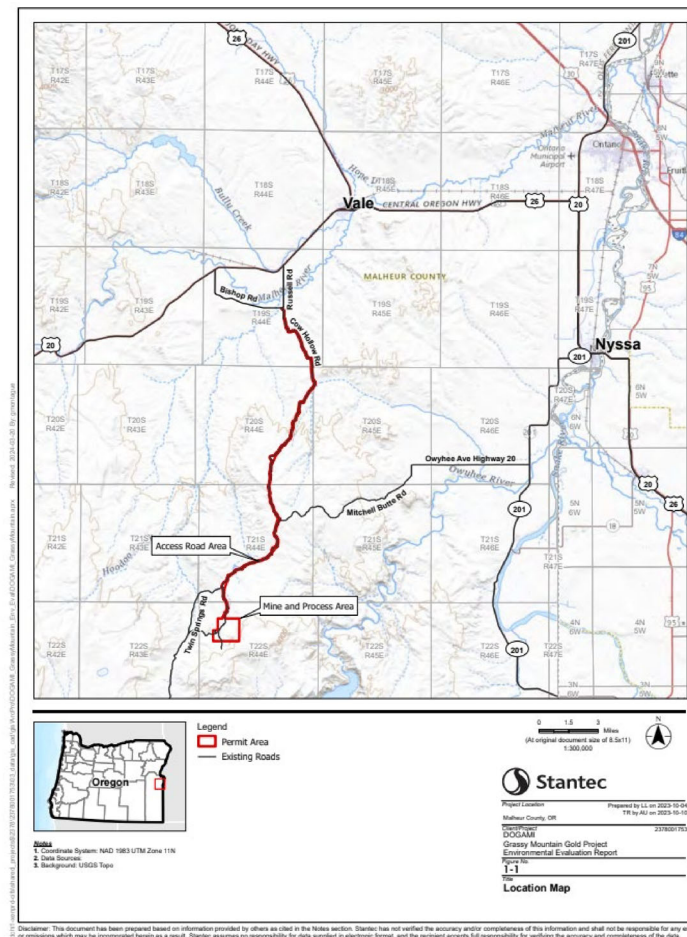
Oregon Department of Geology and Mineral Industries
Mineral Land Regulation & Reclamation Program
229 Broadalbin St SW
Albany, OR 97321-2246

The screenshot shows the official website of the Oregon Department of Geology and Mineral Industries. The header includes the Oregon.gov logo and navigation links for Data & Publications, Geohazards, Geology, Permits, and About Us. The main content area is titled "Mineral Land Regulation and Reclamation" and features a sub-header "MLRR Grassy Mountain Project Documents". On the left, a sidebar menu lists links for MLRR Home, Home, Program Overview, Regulations & Statutes, Newsletter, MLRR Awards, DOGAMI Governing Board, Surface Mining, Permitting Process: Surface Mining, and Surface Mining FAQ. The main content area is divided into two columns. The left column is titled "Calico Resources USA Corp. - Grassy Mountain" and "Process Documents", listing various draft permits and fact sheets for public comment. The right column contains two sections: "Public Meetings" and "How to Receive Project Notifications". The "Public Meetings" section details a "Grassy Mountain Mine Draft Permits Public Hearing" on Thursday, January 29, 2026, from 5:00 p.m. to 7:00 p.m. (MST), with links for public notice and press release. The "How to Receive Project Notifications" section provides information on receiving project updates via US Mail, including a \$5 fee and the mailing address: Broadalbin St. SW, Albany, OR.



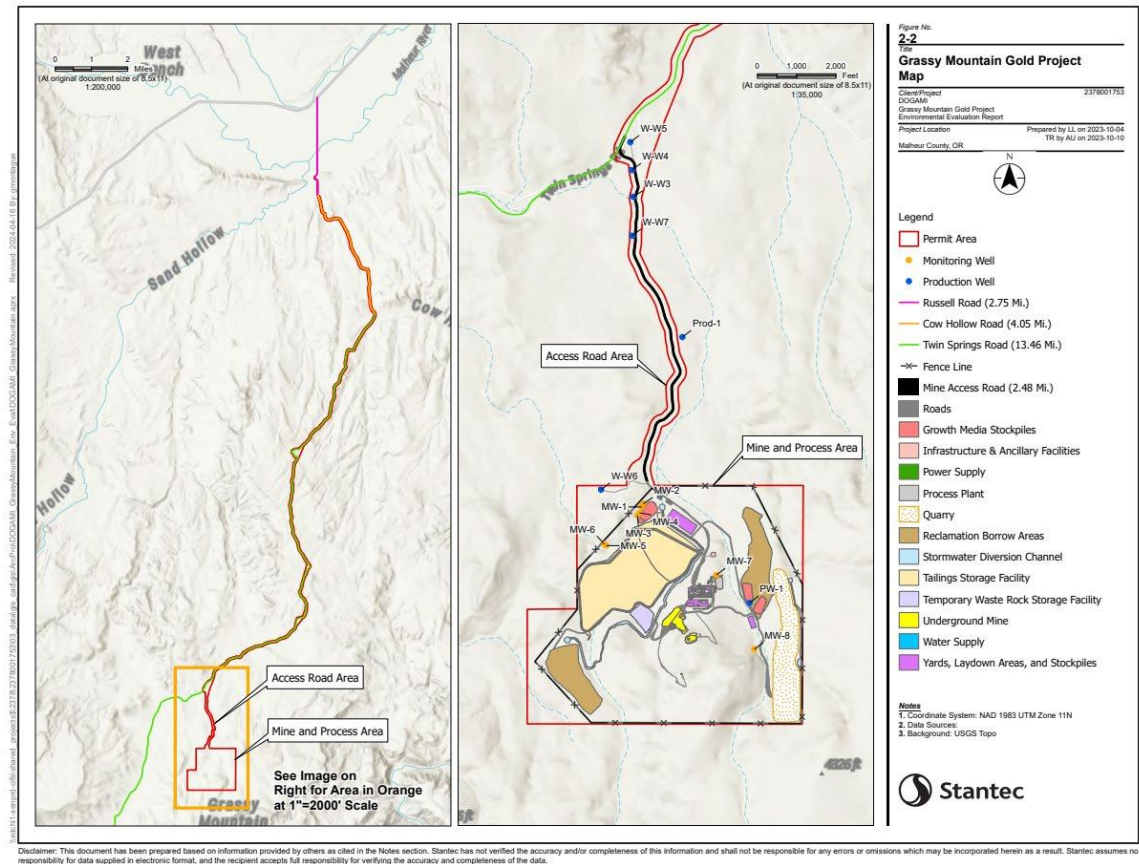
Proposed Grassy Mountain Gold Mine

- Applicant: Calico Resources USA Corp / Paramount Gold Nevada
- Malheur County, ~22 miles south-southwest of Vale
- 2.07 million short tons of mill-grade ore (gold, silver)



Proposed Grassy Mountain Gold Mine

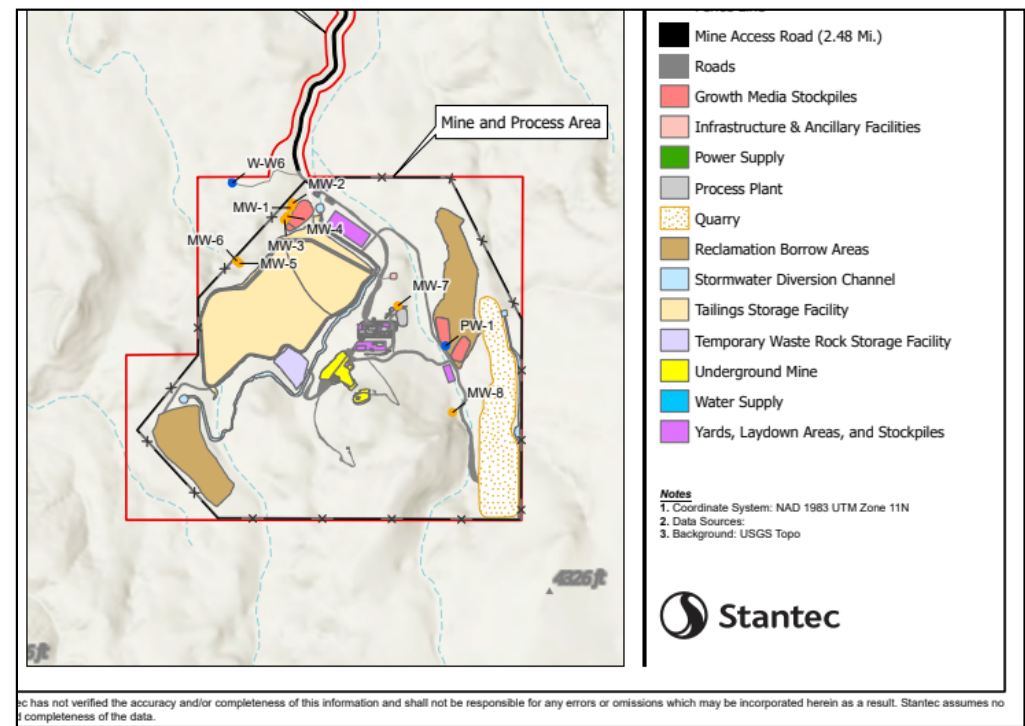
- Permit area:
 - Private and public land
 - Mine and process area
 - Access road area (improvement)
- Underground mine
- Indoor ore processing facility
- 2 years of construction
- 8 years of operation
- 4 years reclamation/closure
- 27 years of post-closure monitoring





Proposed Grassy Mountain Gold Mine

- Temporary conventional mill
- Temporary waste rock storage facility (lined)
- Permanent tailings storage facility (lined)
- Ore processing plant
- Cyanide destruction process
- Placement in tailings storage facility
- Water recovered for reuse in mill
 - Groundwater supply wells





Consolidated Permitting Process – OAR Chapter 632 Division 37

- Economic growth and opportunity while protecting Oregon's environmental resources and public health and safety
- DOGAMI lead agency - coordinated process across multiple agencies
- **Technical Review Team** - interdisciplinary review of technical permitting issues and serves advisory capacity to Project Coordinating Committee
- **Project Coordinating Committee** - interagency governmental committee that shares information and coordinates permitting and provides oversight and guidance
- Transparency in review and decisions via public meetings and info sharing





Consolidated Permitting Process – Analyses and Documents

- Baseline data reports
 - Air quality, aquatic resources, environmental justice, geology, groundwater, noise, recreation, socioeconomics, wildlife...
 - Cultural resources
- Consolidated permit application
- Environmental evaluation
- Socioeconomic impact analysis
- Wildlife protection plan
- Wildlife mitigation plan
- Seep and spring monitoring plan
- Groundwater monitoring plan



State Consolidated Permitting Process – Grassy Mountain

Jun 2012	Calico files a Notice of Intent to develop Grassy Mountain Mine
Sep 2012	Calico files a notice of readiness to collect baseline data
Mar 2013	Final baseline study collection plans approved by the Technical Review Team
Jul 2015	Calico files a new Notice of Intent that changes processing facility location
Aug 2015	Calico files a new notice to collect baseline data
Jul 2016	Calico acquired by Paramount Gold Nevada Corp.
Feb 2017	Calico files a new Notice of Intent that expands proposed permit boundary
May 2017	Calico files a new notice of readiness to collect baseline data



State Consolidated Permitting Process – Project History

Nov 2019	Calico files a Consolidated Permit Application (application)
Feb 2020	Project Coordinating Committee holds public hearing on application completeness; DOGAMI informs Calico application is not complete
Dec 2021	Calico files a revised application
Feb 2023	Technical Review Team accepts final baseline data as complete
Oct 2023	Calico files revised application; Technical Review Team accepts as complete
Nov 2023	DOGAMI issues the Notice to Proceed with permitting process
Aug 2024	Stantec completes the Environmental Evaluation and Socioeconomic Impact Analysis on behalf of DOGAMI

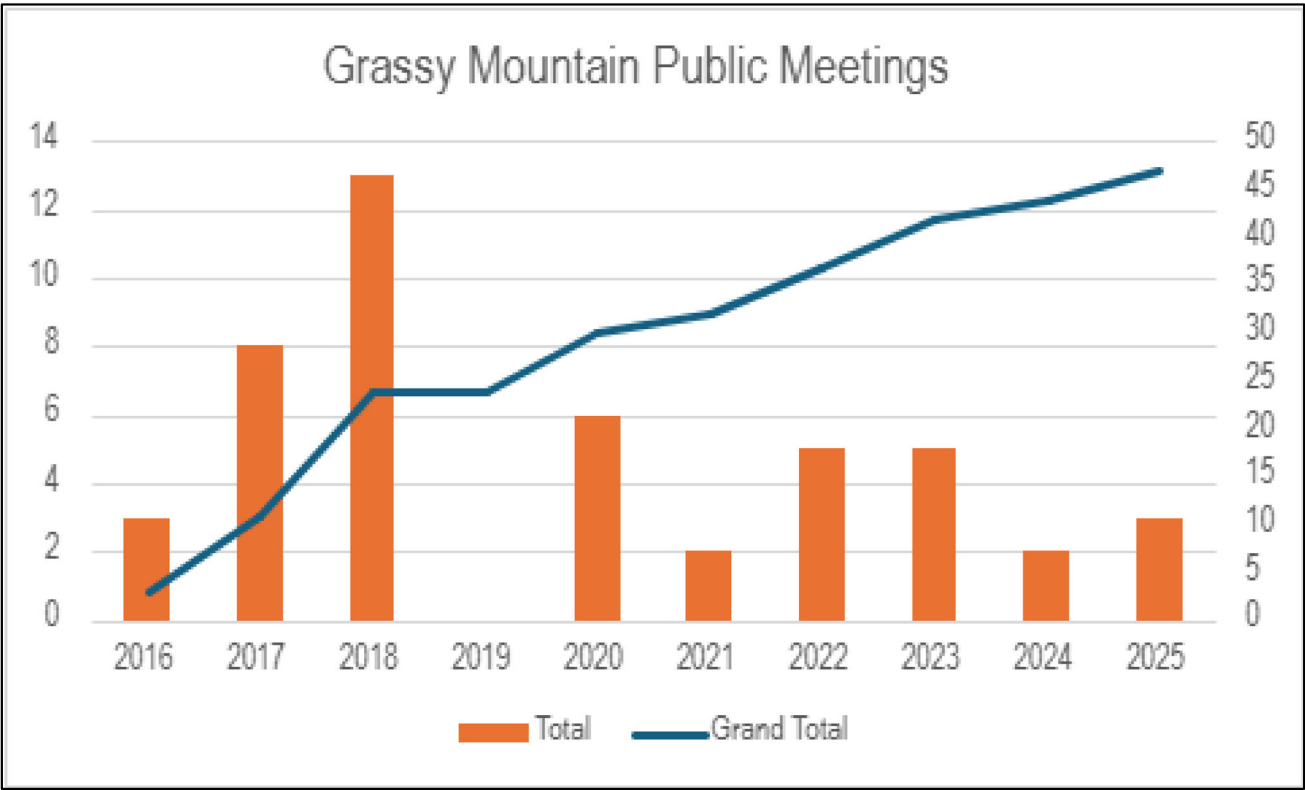


State Consolidated Permitting Process – Project History

- | | |
|-----------------|---|
| Oct 2024 | Technical Review Team accepts the Environmental Evaluation and Socioeconomic Impact Analysis as complete; permit drafting started |
| Mar 2025 | Technical Review Team approves the Best Available Practicable and Necessary Technology measures |
| Dec 2025 | DOGAMI and state permitting agencies issue draft permits, which are posted for public review and comment |
| Jan 2026 | Public hearing on draft state permits |




State Consolidated Permitting Process – Public Meetings





Draft Consolidated Operating Permitting

- DOGAMI permit
- Draft State permits/approvals attached:
 - Oregon Department of Environmental Quality
 - Oregon Water Resources Department
- Permit conditions - agencies contributing to permit development
 - DOGAMI
 - Oregon Department of Environmental Quality
 - Oregon Department of Fish and Wildlife
 - Oregon Health Authority
 - Oregon Water Resources Department



Oregon Dept. of Geology & Mineral Industries
Mineral Land Regulation & Reclamation Program
229 Broadalbin St. SW
Albany OR 97321-2246
(541) 967-2039

CONSOLIDATED OPERATING PERMIT
ISSUED SUBJECT TO ANY LISTED CONDITIONS

Calico Resources USA Corp. 665 Anderson Street Winnemucca, Nevada 89445	ID No.: 23-7001 Site Name: Grassy Mountain County: Malheur Legal: T22S, R44E, Sec. 8
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This permit shall be in effect, unless revoked or suspended for cause, from the date of issuance and shall remain in effect so long thereafter as the Permittee pays the annual renewal fee established by the State Geologist (no less than \$2,500), complies with the provisions of ORS 468.020, 496.012, 506.109, 517.750 through 517.989, as applicable, the Rules as promulgated to administer the Oregon Mined Land Reclamation Act, the approved consolidated permit application, and all permits and conditions attached to this permit, and maintains a performance bond as required by the Act.

State Permits (attached):

1. DEQ Air Contaminant Discharge Permit (ACDP)
2. DEQ Water Pollution Control Facilities Permit (WPCF-N)
3. DEQ Water Pollution Control Facilities Permit (WPCF-OS)
4. DEQ Stormwater Permit (NPDES 1200-Z)
5. WRD Permit to Appropriate the Public Waters (G-11847, previously approved)
6. WRD Tailings Dam Approval (previously approved)

Issued

Sarah Lewis
MLRR Program Manager

cc: Malheur County Planning Department
Bureau of Land Management



Draft Permits and Conditions - Development

Development of permits and conditions and monitoring plans by agencies focused on:

- Use of cyanide in gold extraction process
- Potential impacts on wildlife
- Water supply and impacts on groundwater and surface water
- Cultural resources impacts
- Regional employment



Draft Order

- Proposes approval of consolidated application
- Procedural history of the proposed project
- Documentation of Oregon standards compliance
- State agency responsibilities
- Required permits and approvals
- Documentation of environmental review
- Application and evaluation of Oregon standards
- Findings of fact conclusions of law
- Final order to accompany final permits

BEFORE THE
DEPARTMENT OF GEOLOGY AND
MINERAL INDUSTRIES
OF THE STATE OF OREGON

In the Matter of the Application for the Consolidated Permit
For the Grassy Mountain Mine

} DRAFT ORDER ON
} APPLICATION FOR
} CONSOLIDATED PERMIT

December 5, 2025



Federal National Environmental Policy Act Process

- Federal land in permit area triggered National Environmental Policy Act of 1969
- Federal process led by the Bureau of Land Management
- Parallel yet distinct from Oregon consolidated permitting process
- Environmental Impact Statement
- Record of Decision



U.S. DEPARTMENT OF THE INTERIOR
**BUREAU OF LAND
MANAGEMENT**

A detailed geological map of the Crooked River area in Oregon, showing various geological units, faults, and topographic features. The map includes labels for locations like Smith Rock State Park, Lone Pine Flat, and Round Butte. A large, semi-transparent text overlay in the center reads "DEQ DRAFT PERMITS". A circular logo for the "OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES" is also visible, featuring a stylized mountain and the year "1937".



Grassy Mountain Mine – Public Hearing

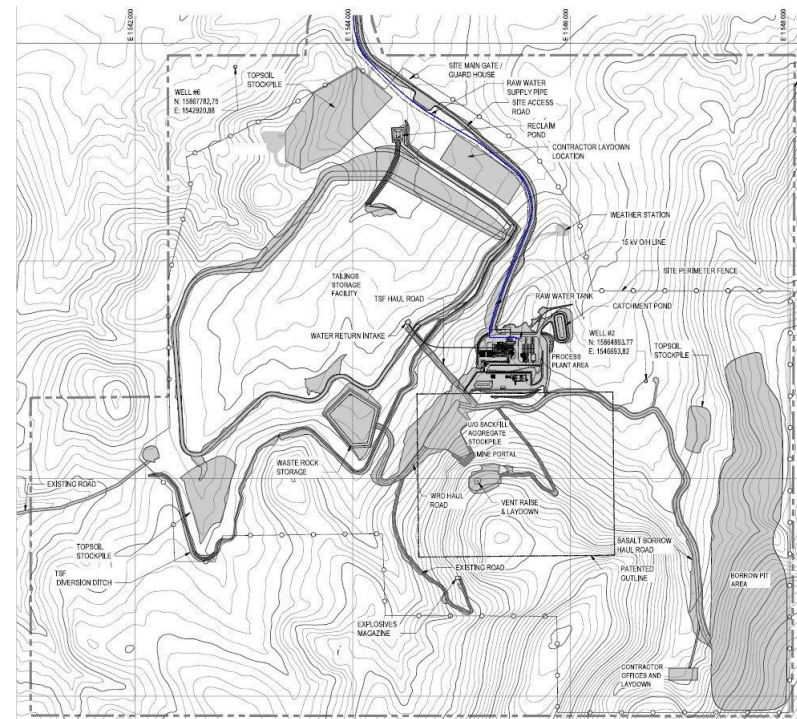
Air, Land, and Water Quality Program

January 29, 2026

Vale, Oregon

What we'll discuss?

- What DEQ regulates
- The proposed draft permits and their functions
 - Water Pollution Control Facilities Permit (WPCF-OS)
 - Stormwater Pollution Control Discharge Permit (1200-Z)
 - Air Contaminant Discharge Permit (ACDP)
 - Water Pollution Control Facilities and Solid Waste Permit (WPCF-N)
- Then, we want to hear from you on the draft permit.




An Introduction to DEQ

DEQ oversees a broad range of environmental regulatory programs:

Air Quality

Clean Air Act

Water Quality

Clean Water Act

Land Quality

Resource
Conservation and
Recovery Act

Water Pollution Control Facility – Onsite

Key Components of WPCF-OS permit:

- For sanitary wastewater if no municipal connection exists.
- Proper sizing and siting to avoid groundwater contamination.

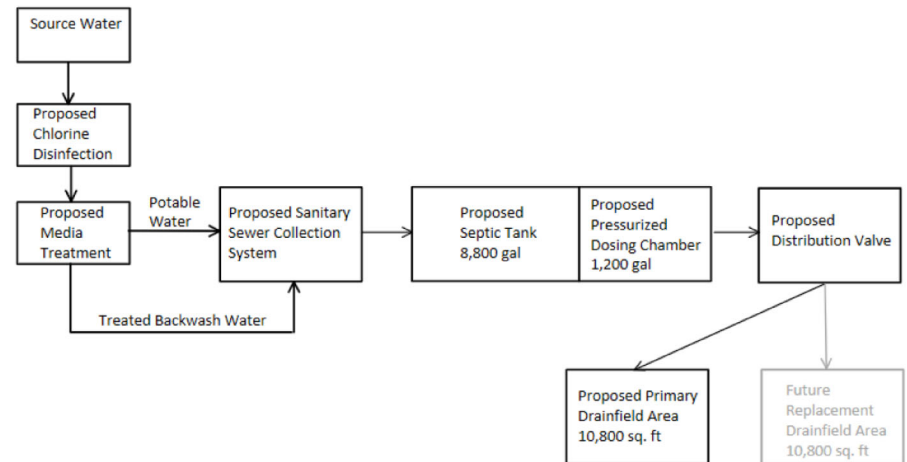
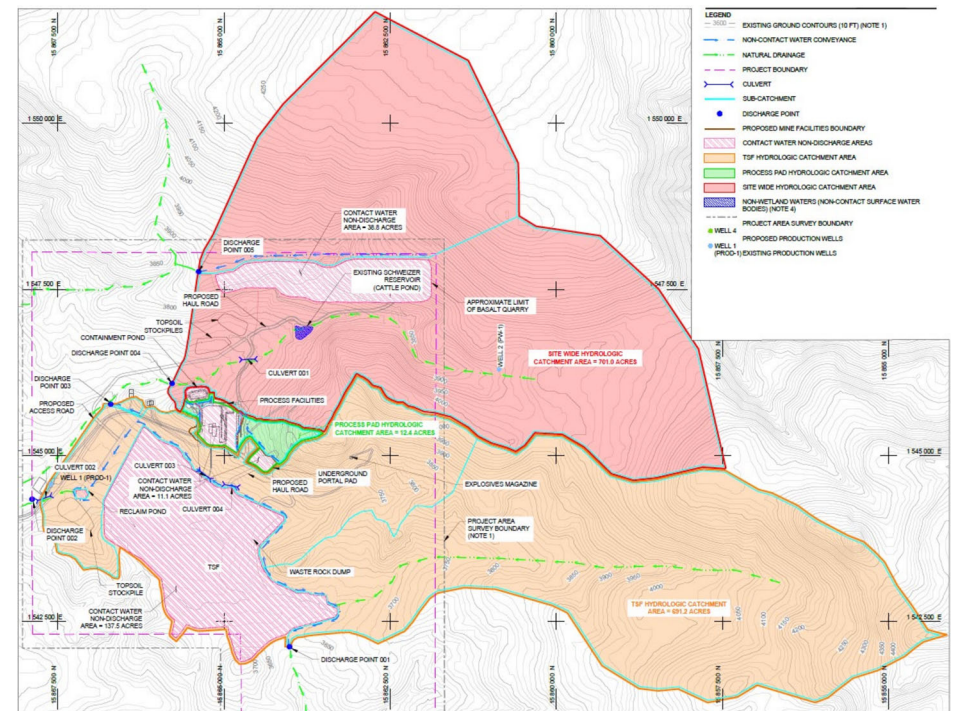


Figure 4. Schematic Diagram

Industrial Stormwater Discharge Permit

Key Components of 1200-Z permit:

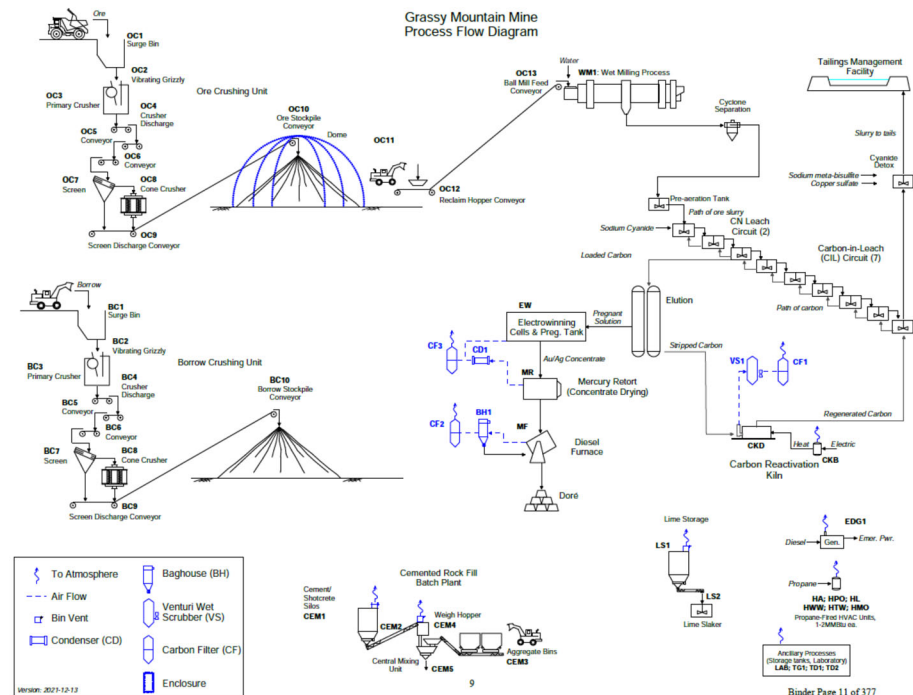
- Regulates stormwater discharges associated with industrial activity from Metal Mining facilities.
- Requires implementation of control measures to prevent pollutant discharges during construction and operation – Stormwater Pollution Control Plan (SWPCP).



Air Contaminant Discharge Permit

Key Components of ACDP permit:

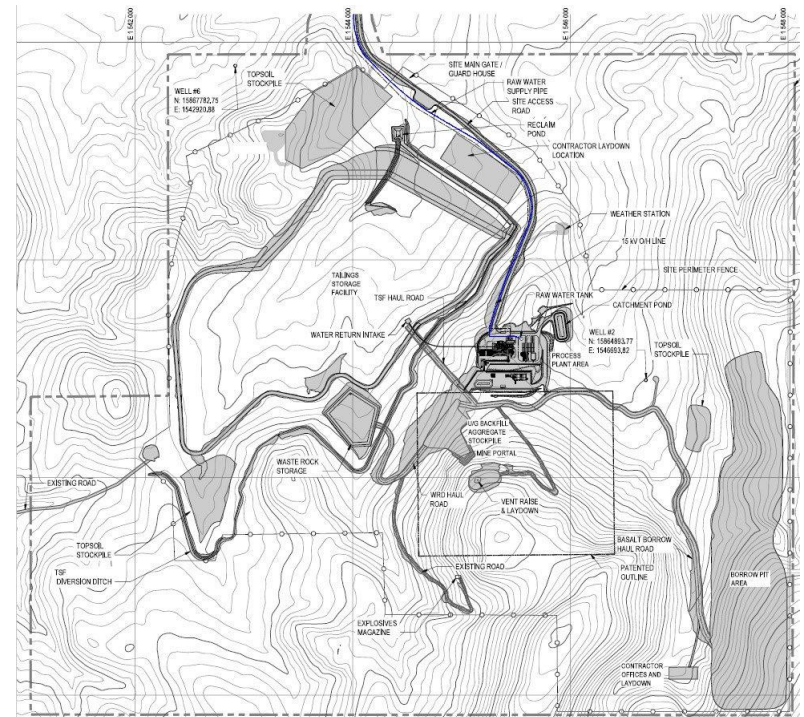
- Covers emissions from milling, crushing, and processing.
- Regulations do require this facility to obtain a Title V Operating Permit (when applicable).
- This site does not require Site Specific Cleaner Air Oregon permit conditions for air toxics.



Water Pollution Control Facilities Permit

Key Components of WPCF-N permit:

- Groundwater protection
- Permit Limits
 - Wildlife exposure & human health
- Solid Waste Disposal Regulation
- Beneficial Use Determination
- Financial Assurance



Solid Waste Components of the WPCF-N

What is Solid Waste in the State of Oregon?

Any useless or discarded material is solid waste.

Solid Waste Regulations Apply to:

- Mine Tailings Storage Facility

- Reuse of Waste Rock within Cemented Rock Fill

Beneficial Use Determination

DEQ supports beneficial use of solid waste, such as these waste materials, in lieu of disposal at a permitted solid waste facility, as long as the proposed re-use meets conditions of the rule and is adequately protective of human health and the environment.

DEQ has evaluated the application and proposes to issue approvals of the proposed beneficial use requests.

Continued DEQ Review and Approvals

- Conduct Regular Compliance Inspections
- Review Monitoring Data and Reports
- Enforce Corrective Actions When Needed
- Maintain Long-Term Oversight Post-Closure
- Engage with Communities and Interested groups

Thank you!

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State of Oregon
Department of Environmental Quality



Next Steps in Consolidated Process

- Public comment period ends February 6, 2026
- Submit via email:

- information.grassymtn@dogami.oregon.gov

- Submit via US Postal Service mail:

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- Comments should be specific to draft permits and conditions
- May inform revisions to State permits and conditions

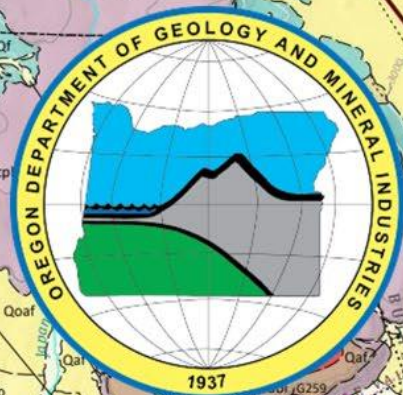


Next Steps in Consolidated Process

- State preparation of final permits and final order
- Wildlife mitigation coordination
- Bonding and financial assurance
 - Joint reclamation bond
 - Credible accidents bond
 - “...shall be posted before the start of any construction, excavation or other ground disturbing activity...” (OAR 632-037-0135)

A detailed geological map of the Crooked River area in Oregon, showing various geological units, faults, and topographic features. The map includes labels for locations like Smith Rock State Park, Lone Pine Flat, and Crooked River. A large, semi-transparent text overlay reads "INFORMAL Q&A SESSION". In the center of the map is the circular logo of the Oregon Department of Geology and Mineral Industries, established in 1937, featuring a stylized mountain and river landscape.

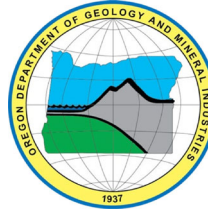
5 MINUTE BREAK





Public Hearing

- Register to provide verbal public comment – in person or on Zoom
- Written comments can be emailed or mailed to DOGAMI until February 6, 2026



- Agencies will not respond to public comments during the public hearing

FINAL REMARKS

