

**Oregon Consolidated Permit Application (CPA) Process – Chemical Process Mine  
Calico Resources USA**

**Technical Review Team (TRT) Meeting**

**Date:** March 6, 2025; 3:00pm

**Location:** Zoom teleconference, with public access by phone or online.

**Purpose:** to discuss Best Available Practicable and Necessary Technology (BAPNT).

<i>Attendees</i>	<i>Agency or Affiliation</i>
Sarah Lewis	Oregon Department of Geology and Mineral Industries (DOGAMI)
Adam Bonin	DOGAMI
Becky Johnson	DOGAMI
Alex Lopez	DOGAMI
Bob Brinkmann	DOGAMI
Joe Kemper	Oregon Water Resources Department (WRD)
Ryan Lewis	Oregon Department of Environmental Quality (DEQ)
Ron Doughten	DEQ
Jennifer Peterson	DEQ
David Cole	DEQ
Jesse Ratcliffe	Oregon Department of Justice (DOJ)
Isaak Stapleton	Oregon Department of Agriculture (ODA)
Tom Segal	Oregon Department of Fish & Wildlife (ODFW)
Nikki Haskett	US Bureau of Land Management (BLM)
Jeremy Sugden	BLM
Jackie Cupples	US Fish & Wildlife Service (USFWS)
Lea Tai	USFWS
Julie Vold	USFWS
Sen. Lynn Findley	Oregon State Senator (retired)
Alison Uno	Stantec
George Fennemore	Stantec
Casey Haagenson	Stantec
Audrey Figgins	Stantec
Glen van Treek	Paramount Gold
Cristos Theodosious	Paramount Gold
Tom Patterson	SLR Consulting
Wendy Wente	Mason, Bruce & Girard, Inc.
S. Ghosal	Public/investor in Paramount Gold
William Burstow	Public
Joan Fryxell	Public

## **Agenda:**

<b>Time</b>	<b>Agenda Topic</b>
3:00pm	Welcome and Introductions
	Revisions to the Agenda
	BAPNT Discussion (TRT / Calico)
	Vote to Approve BAPNT Components
	Meeting Conclusion and Final Remarks
4:13pm	A D J O U R N

## **Notes:**

### **Introduction**

- Meeting introduction by Alex Lopez (DOGAMI).
- Call-in details were provided in the comments section and notice was given that the meeting was being recorded.
- Public comments will not be accepted during this meeting.
- Adam Bonin (DOGAMI) coordinated introductions of TRT members.
- No public comments were received prior to the meeting.

### **Agenda**

- Reviewed by committee members; no changes or additions requested.

### **Project Check-In/Goals of Meeting**

- Environmental Evaluation (EE) approved 10/3/2024 at the TRT meeting.
- EE approval started the 225-day clock.
- National Environmental Policy Act (NEPA) Environmental Impact Statement (EIS) process update was shared.
- Goals for this meeting: Review Best Available Practicable and Necessary Technologies tables, discuss remaining options, and hold vote on BAPNT.

### **Best Available Practicable and Necessary Technology (BAPNT)**

- Defined in *OAR (Oregon Administrative Rule) 630-037-0010– Best Available Practicable and Necessary Technology*.
- Provided further details regarding BAPNT (“best tech”) requirements in *OAR 630-037-0118*.
- Best tech from EE, along with alternatives and remaining issues are compiled in tables for ease of review during the meeting.

## BAPNT Comment Review (Tables)

- *Tables 1-8 present applicant-proposed measures that were identified in the CPA. Additional measures identified in the EE for further environmental protection appear in blue font below the tables.*

### 1. Mine Construction Methods – No further questions from TRT members.

### 2. Mill Operations – DOGAMI suggests adopting/accepting proposed measures.

- Ryan Lewis (DEQ): Raised a question regarding the thiosulfate issue. DEQ is wondering if there is enough information available to determine that the technology is not feasible at this specific location.
- Bob Brinkmann (DOGAMI): Calico did provide a letter as to why thiosulfate wouldn't be feasible (environmentally and economically).
- Jackie Cupples (USFWS): Was that letter shared?
- Sarah Lewis (DOGAMI): I believe that Ryan is requesting a fact sheet that provides a thorough answer as to why thiosulfate is not feasible for Grassy Mountain. That public communication can be prepared in the future.

### 3. Tailings Management

- Project components include tailing storage facility (TSF) Wildlife Exclusion; Table 11 will present a list of exclusions or measures that are specific to wildlife.
- Isaak Stapleton (ODA): Does this include "A", "B", & "T" list noxious weeds?
- Tom Segal (ODFW): This is all listed in the plan that was submitted. Believe it covers "A", "B", & "T" species, but is not certain.
- Ryan Lewis (DEQ): These are some of the things that DEQ will be covering with permit conditions (so those conditions can be more specific).

### 4. Air Quality Control Measures – DOGAMI suggests adopting/accepting proposed measures.

### 5. Operations Monitoring

- There will be a TRT meeting in the future that will likely feature monitoring plans.

### 6. Acid Rock Drainage Management – DOGAMI suggests adopting/accepting proposed measures.

### 7. Hazardous Materials Handling – Presented in detail in the CPA.

### 8. Spill Management/Control – Additional measures are suggested as presented below the table.

- *Tables 9-13 provide comparison of alternative technologies to applicant-proposed technologies.*

### 9. Transporting Mined Materials

- Diesel (applicant suggested) vs. biodiesel (alternative).
- Ron Doughten (DEQ): Do we need to decide on the BAPNT right now? Or are some of these available to us in the future?
- Sarah Lewis (DOGAMI): If we chose diesel as best tech, it wouldn't disallow the permitting agencies from putting biodiesel in their permits as a better environmental option.

### 10. Closure of the Mill

- Breaking, burying, and recontouring foundations vs. removing foundation materials.

- Bob Brinkmann (DOGAMI): With the material being exposed to chemicals during processing, would it require special treatment to be used as fill?
- Ryan Lewis (DEQ): If the material is not painted or chemically dipped, then it is considered clean fill. If it is tainted, it would need to be treated differently.
- Bob Brinkmann (DOGAMI): Would you add that as a permit condition to deal with as a potential future situation?
- Ryan Lewis (DEQ): Yes, otherwise this is treated as clean fill and is acceptable for use as backfill.

### **11. TSF Wildlife Exclusion**

- Tom Segal (ODFW): All alternative tech is reasonable with the exception of laser bird deterrents. That is considered new technology, and we don't know the efficacy of its use.
- Ron Doughten (DEQ): Requests that all alternative technology is maintained and approved so that they remain options in the future.
- Tom Segal (ODFW): Agreed with this suggestion.

### **12. Water Management**

- Discussed merits of the proposed site groundwater production wells vs. using groundwater produced by sumps during dewatering. Production wells would meet the water needs of the project from the available information. An additional measure was also identified for water management as presented below the table.

### **13. Equipment Management**

- Preventative maintenance is a more conservative approach compared to reactive maintenance as supported in the EE, as well as discussions with the agencies and the Applicant, and remains the recommended technology.

BREAK at 3:55pm

Voting-

- Motion to accept Items 1-8, including applicant-proposed technologies without feasible alternatives and additional measures:
  - Bob Brinkmann (DOGAMI): Motions to accept the applicant-proposed measures as best tech.
  - Ryan Lewis (DEQ): Seconds the motion.
  - Unanimous acceptance by TRT members present.
- Voting agencies:
  - DOGAMI (yes)
  - WRD (yes)
  - ODA (yes)
  - DEQ (yes)
  - ODFW (yes)
  - DSL (not in attendance)
- Motion to accept Items 9, 10, 12, and 13, including applicant-proposed technologies compared to alternatives and additional measures:
  - Bob Brinkmann (DOGAMI): Motions to accept the applicant-proposed measures as best tech.
  - Isaak Stapleton (ODA): Seconds the motion.
  - Unanimous acceptance by TRT members present.
- Voting agencies and votes (all in favor): Same as above for items 1-8.

- Motion to accept TSF Wildlife Exclusion technologies - Item 11
  - Tom Segal (ODFW): Motions to accept all exclusion technologies listed.
  - Ryan Lewis (DEQ): Seconds the motion.
  - Unanimous acceptance by TRT members present.
- Voting agencies and votes (all in favor): same as above for Items 1-8 and 9,10, 12, and 13.

### **Final Remarks**

- Adam thanked the participants for attending the meeting and for the TRT's time and discussion.
- Draft permits are due to DOGAMI in May.
- Reclamation securities, bonding, coordinated monitoring plans could be topics of forthcoming TRT meetings.
- Meeting notes will be available on DOGAMI's website.
- The meeting adjourned at 4:13 pm.