

EXHIBIT D – RECLAMATION PLAN

Colorado Limited-Impact (110-d) Permit Application – Ajax 1 Claim, Clear Creek County, Colorado

1 Introduction & Purpose

This Reclamation Plan has been prepared to satisfy **C.R.S. § 34-32-110(3)** and **Colorado Mined Land Reclamation Board Rules 3 & 6** for Limited-Impact (110-d) operations.

Only the historic ore-stockpile pad will be disturbed; no new excavation or road construction is proposed.

All activities will occur within an existing 0.18-acre footprint of previously affected land ("Affected Land," Rule 1.1(2)).

Primary objectives are to:

1. Eliminate the remaining ore pile and any unstable mine waste.
 2. Re-establish stable landforms and natural drainage in conformity with **Rule 6.4.9 (Slopes & Grading)**.
 3. Restore a self-regenerating native plant community per **Rule 6.4.11 (Revegetation)**.
 4. Prevent erosion, sedimentation, and degradation of surface water (Rules 6.4.7 & 6.4.8).
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2 Post-Mining Land Use

Designated Post-Mining Land Use: native sub-alpine forest and dispersed recreation, consistent with adjacent National Forest lands (Rule 6.4.6).

Success Criteria (evaluated after two consecutive growing seasons):

Parameter	Standard*	Rule Reference
Vegetative cover	≥ 80 % of reference area canopy/ground cover	6.4.11
Species composition	≥ 70 % perennial natives; no Colorado-listed noxious weeds	6.4.12
Slope stability	No rill > 3 in deep or slump > 1 ft in length	6.4.8
Water quality	No increase > 25 NTU turbidity above background during runoff events	6.4.7

*Measured on three 100-ft line-intercept transects located on reclaimed ground and three on undisturbed reference sites.

3 Disturbance Summary

Feature	Area (ac)	Activity
Historic ore pile & work pad	0.16	Remove pile, re-grade pad
Temporary turn-out on existing two-track	0.02	Scarify & seed
Total Affected Land	0.18	Entire footprint reclaimed

No additional disturbance will occur; disturbance remains < 1 acre as required for Limited-Impact operations.

4 Reclamation Practices

4.1 Ore-Pile Removal & Grading

- Remove all stockpiled material using a skid-steer and small dozer.
- Back-blade berms and shape the pad to blend with adjoining contour; final slopes $\leq 3H:1V$ (Rule 6.4.9).
- Leave irregular micro-topography (“hummocks and swales”) to break sheet flow and create planting niches.

4.2 Topsoil Management (Rule 6.4.5)

- Salvage the upper 4 inches of organic duff and mineral topsoil from undisturbed margins prior to grading.
- Stockpile in windrows ≤ 4 ft high; immediately seed with annual rye for stabilization.
- Replace salvaged topsoil evenly (≥ 4 inches) over re-graded surfaces before seeding.

4.3 Erosion & Sediment Control (Rules 6.4.7 & 6.4.8)

- Install double silt-fence row and 12-in coir wattles downslope of the pad.
- Construct a 2 ft \times 1 ft rock-lined diversion swale on the upslope margin to redirect run-on.
- BMPs remain until success criteria are met, then are removed and footprints re-seeded.

4.4 Soil Conditioning

Amendment	Application Rate	Purpose
Screened wood mulch	2 tons/ac	Organic matter & moisture retention
Menefee humate	50 lb/ac	Enhance microbial activity
Biosol® 7-2-3 fertilizer	300 lb/ac	Slow-release nutrients

Amendment	Application Rate	Purpose
Mycorrhizal inoculum	25 lb/ac	Improve root uptake

Amendments are incorporated into the upper 6 inches of soil prior to seeding.

4.5 Revegetation (Rule 6.4.11)

- **Seeding Window:** late August–October (favorable moisture, frost-free).
- **Seeding Method:** broadcast or hydroseed at 50 PLS lb/ac; crimp certified weed-free straw or install wood-fiber blanket on slopes > 20 %.

- **USFS/DRMS-approved Native Seed Mix (example):**

Species	PLS lb/ac
Mountain brome (<i>Bromus marginatus</i>)	9
Arizona fescue (<i>Festuca arizonica</i>)	6
Slender wheatgrass (<i>Elymus trachycaulus</i>)	7
Blue wild-rye (<i>Elymus glaucus</i>)	4
Rocky Mountain penstemon (<i>Penstemon strictus</i>)	0.5
Scarlet gilia (<i>Ipomopsis aggregata</i>)	0.3
Yarrow (<i>Achillea millefolium</i>)	0.2
Small burnet (<i>Sanguisorba minor</i>)	0.5

- **Tree Regeneration:** If natural regeneration < 300 stems/ac after Year 3, hand-plant lodgepole pine and Engelmann spruce (8 ft × 8 ft spacing in clusters).

4.6 Weed Management (Rule 6.4.12)

- All off-road equipment arrives cleaned of soil/seed.
- Only certified weed-free mulch used.
- Inspect twice each season; hand-pull or spot-spray glyphosate/aminopyralid before seed set.

4.7 Infrastructure & Hazardous-Materials Removal

- Remove any remaining equipment, fuel totes, and portable toilet within 14 days of ore-pile clearance.
- Maintain spill kits onsite; spills > 5 gal reported to DRMS and mitigated immediately.
- No explosives or on-ground bulk fuel storage authorized.

5 Schedule & Milestones

Phase	Target Period*	Key Activities
Ore-Pile Removal	May–June (Year 1)	Remove pile, rough-grade pad
Final Grading & Soil Placement	June (Year 1)	Shape slopes, replace topsoil
BMP Installation & Seeding	July–August (Year 1)	Install erosion controls; apply amendments, seed, mulch
Interim Monitoring	Years 1–3	Annual inspections, photo-points, weed control
Final Compliance Review	Year 3 (or sooner upon success)	Joint DRMS/USFS inspection; release of affected land


*Timeframes may advance or delay slightly due to weather; all reclamation will be completed within 60 days of completing operations in accordance with Rule 3.1.5(9).

6 Monitoring & Reporting

1. **Monthly site checks** (snow-free months) by company reclamation specialist.
 2. **Photo-points** at four fixed stakes to document vegetation and erosion.
 3. **Vegetation Transects:** Three 100-ft line-intercepts each August to quantify cover and species composition.
 4. **Erosion Repairs:** Any rill > 3 in deep or slump > 1 ft addressed within 14 days.
 5. **Annual Reclamation Report** submitted to DRMS and USFS by December 15 each year, summarizing reclamation activities, monitoring results, and corrective actions.
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Certification

I certify that this Reclamation Plan meets the performance standards of **Rules 3 and 6** and will be implemented in good faith to achieve the approved post-mining land use.


Kiel Schleusner, President
Candy Mountain Mining Company Inc.

Date: 7/2/2025