

RECLAMATION PLAN FOR STATE MINERAL LEASE XX-XXX-X

Date:

Lessee:

Location:

Plan view or site sketch/drawing of the lease area from Mine Operation Plan: (include attached copy). *Should include locations where topsoil and overburden will be stored, locations of pit(s), stockpiles, access roads, and approximate dimensions of all disturbed and/or reclaimed areas.*

Types of vegetation present on the area to be disturbed:

Post mining land use will be:

Depth of Topsoil on area to be mined or disturbed:

Depth of Overburden on area to be mined or disturbed:

Acreage of Total Operations:

Existing pit acreage:

Existing processing area acreage:

Total existing disturbed acreage:

Reclaimed to date:

Pit area acreage to be disturbed during term of lease:

Processing area acreage to be disturbed during term of lease:

Currently under reclamation:

Total area to be reclaimed during the term of lease:

Total area to be reclaimed during the life of the mine operation:

Specific reclamation activities to be carried out on the lease site:

1. Area to be reclaimed:

No more than five (5) acres of the Premises shall be actively mined at any one time unless specific mining operations require more disturbance area and an alternative plan is submitted and approved by the Land Office.

Mining of new areas and reclamation of the disturbed area will be carried out in such a manner that no more than five (5) acres is actively mined at any one time (without special approval by the State Land Office). For each area of new disturbance, an equal area of previously disturbed area will be reclaimed.

All structures such as foundations for hot-mix plants, weigh scales, and water impoundments will be removed and areas reclaimed.

All asphalt recycle material and asphalt placed on roads for dust control as well as any other material hauled to the site from an off-site source shall be removed from the site and properly disposed. No off-site material shall be buried on-site. The lease site will be kept free of junk and debris at all times.

2. Topsoil:

Topsoil will be removed from areas to be disturbed and stockpiled. No topsoil will be sold or removed from the lease site.

Shrubs and trees will be removed and kept separate prior to excavating topsoil in areas to be disturbed. Shrubs and trees may be used for erosion control.

3. Access and Roads:

Upon completion of other reclamation activities, all access roads on the lease site that are not under specific Right of Way agreements will be reclaimed in accordance with State Land Office Rule 20 (19.2.20 NMAC)– Relating to Construction, Maintenance and Reclamation of Roads. In addition, the access roads will be ripped perpendicular to the existing slope and material from the existing topsoil or crusher fines piles spread and smoothed to create a suitable seedbed.

4. Recontouring and Slope Gradients:

After reclamation, slope gradients will be no steeper than **4H:1V**, (14 degrees). Where possible, slope gradients will be made no steeper than **5H:1V**.

All remaining unsalable material will be spread out and used for backfilling the pits, flattening slopes and reclaiming the access roadways. No piles of unsalable material will be left on the lease site at the end of the final lease term.

All disturbed areas will be ripped and sloped to be consistent with the surrounding topography. The disturbed areas will be shaped to minimize erosion and prevent rainwater and sediment from leaving the site. Recontouring design will be done in coordination with the Land Office technical staff.

5. Sediment and Water Run-off Control:

Berms and silt fence for prevention of sediment and water runoff will be maintained. Any additional site specific recommendations as determined by the District Resource Manager.

6. Seedbed Preparation:

The stockpiled topsoil mixture is to be evenly spread and smoothed over the reclaimed and re-contoured areas. Nitrogen/phosphorus fertilizer may be applied and mixed in with the top layer of seedbed material at the time the topsoil is spread as determined by consultation with the District Resource Manager. The slopes, areas where stock and spoil piles were previously located, and all disturbed areas shall be ripped or cross-ripped, disked or harrowed, shaped, and smoothed or left rough before seeding as determined by consultation with the District Resource Manager.

7. Seeding:

All disturbed areas, including the stockpile area and the access roads will be seeded. The seeding operation will be done during the monsoon period of the year seeding is done.

The Pure Live Seed will be no older than one calendar year at the time of use. The tags from the bags of seed will be provided to the State Land Office District Resource Manager for approval as to the age of the seed.

The seed will be either broadcast and dragged, or drilled. Upon final reclamation, the State Land Office District Regional Manager shall be contacted to provide an appropriate seed mix and the lessee shall use that seed mix to reseed the site.

TYPE OF SEED		Pounds of Certified Pure Live Seed (PLS) per Acre	
		Broadcast Rate	Drill Rate
Total lbs./acre			

8. Evaluation of Seed Establishment:

The State Land Office will evaluate seedling establishment after the first growing season.

If the State Land Office makes the determination that the reseeding effort was not successful, a second reseeding operation may be required.

9. Fencing:

Fencing shall be installed around the reclaimed area to protect seedlings from livestock grazing and/or unauthorized access until plants are well established or until revegetated area can tolerate managed grazing pressure. Fencing installed shall consist of steel T-posts on 16' spacing and 5 strands of barbed wire with fencing stays between T-posts.

10. Weed Control:

Noxious weeds and/or competitive vegetation will be controlled, if deemed to be necessary by the State Land Office. If required, herbicide use will be applied during the first two growing seasons.

11. Schedule of Activities:

Earthwork will be done contemporaneously with mining insofar as possible

Lessee:

Signed: _____, Date _____
Signature of Lessee or Authorized Agent

Approved: _____, Date _____
Commissioner of Public Lands