

# ATTACHMENT 8

ATTACHMENT 1A OF THE NDEP RECLAMATION PERMIT

## ATTACHMENT A

### Documentation of Reclamation Activities for Surety Release

An operator may request surety release in accordance with applicable State and Federal regulations. The following documentation must be submitted simultaneously to NDEP and the Federal land management agency prior to the agencies conducting a site inspection.

### MINING OPERATIONS

1. **Map(s)** clearly identifying the area, noting specific treatments and sampling locations (as applicable).
2. Description of the following activities:
  1. **Earthwork:**
    - 1) The number of acres regraded and/or ripped.
    - 2) Final slope angles left after regrading.
    - 3) Methodology used to check final slope angles (e.g., clinometer, transit, etc.).
    - 4) The number of acres that received topsoil/growth medium.
    - 5) Depth and source of topsoil/growth medium and application method.
    - 6) Dates of initiation and completion of activities.
  2. **Revegetation Activities:**
    - 1) The number of acres that were seeded and/or planted.
    - 2) Seed bed preparation methods utilized.
    - 3) Seeding/planting methods used (e.g., broadcast seeding, etc.).
    - 4) Provide information on how seed was covered.
    - 5) Seed mix and seeding rate; document by maintaining seed tags and any testing results (PLS, germination, noxious weeds, etc.).
    - 6) The number of acres that received fertilization, mulch or amendments.
    - 7) Fertilizer (N-P-K, type, application rate, application method).
    - 8) Mulches and soil amendments (type, application rate, and application method).
    - 9) Date of initiation and completion of activities (such as seeding, seed bed prep, irrigation).
  3. **Final Revegetation Sampling:**
    - 1) Adjacent representation type or range site description (baseline data).
    - 2) Sampling method (e.g., line intercept).
    - 3) Number of samples taken (disturbed and adjacent representative sites).
    - 4) Statement of methodology demonstrating sample size, adequacy and how the location of sampling sites were determined.
    - 5) Results of sampling (copy of sampling worksheet) for disturbed and representative areas. Indicate all perennial species located.

- 6) Dates of sampling.
4. **Other reclamation activities** such as; structure and debris removal, safety feature installation, erosion control treatment, equipment removal or other permit requirements.
3. Detailed calculation of the surety amount proposed for release if applicable.
4. Prior to release, a field inspection is required to verify that reclamation has been performed in accordance with the approved reclamation plan and permit.

### **EXPLORATION PROJECTS**

1. **Map(s)** clearly identifying the area, noting specific treatments and sampling locations (as applicable).
2. Description of the following activities:
  1. **Earthwork:**
    - 1) The number of acres regraded.
    - 2) Dates of initiation and completion of activities.
  2. **Revegetation Activities:**
    - 1) The number of acres that were seeded and/or planted.
    - 2) Seed bed preparation methods utilized.
    - 3) Seeding/planting methods used (e.g., broadcast seeding, etc.).
    - 4) Provide information on how seed was covered.
    - 5) Seed mix and seeding rate; document by maintaining seed tags and any testing results (PLS, germination, noxious weeds, etc.).
    - 6) The number of acres that received fertilization, mulch or amendments.
    - 7) Fertilizer (N-P-K, type, application rate, application method).
    - 8) Mulches and soil amendments (type, application rate, and application method).
    - 9) Date of initiation and completion of activities.
  3. **Other reclamation activities** such as; drillhole plugging, structure and debris removal, safety feature installation, erosion control treatment, equipment removal or other permit requirements.
3. Detailed calculation of the surety amount proposed for release if applicable.
4. Prior to release, a field inspection is required to verify that reclamation has been performed in accordance with the approved reclamation plan and permit.

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