



**Solano County Department of
Resource Management**
675 Texas St., Suite 5500 • Fairfield, California 94533 • (707) 784-6765

RECLAMATION PLAN

APPLICATION NUMBER: _____ FILING DATE: _____

OWNER, OPERATOR, AND AGENT: *

1. Applicant

Name	_____	_____
Address	_____	_____
City	_____	_____
Telephone	_____	_____
Email address	_____	_____

2. Name (if any) of mineral property

3. Property owners or owners of surface rights (list all owners)

Name	_____	_____
Address	_____	_____
City	_____	_____
Telephone	_____	_____

4. Owners of mineral rights

Name	_____	_____
Address	_____	_____
City	_____	_____
Telephone	_____	_____

5. Lessee

Name	_____	_____
Address	_____	_____
City	_____	_____
Telephone	_____	_____

6. Operator

Name _____
Address _____
City _____
Telephone _____

7. Agent of process (Persons designated by operator as his agent.)

Name _____
Address _____
City _____
Telephone _____

LOCATION: *

8. Brief description, including legal, of the extent of the mined lands (to be) involved by this operation, including total acreage.

Section(s) _____ Township _____
Range _____ Meridian _____

9. Describe the access route to the operation site.

10. Location and vicinity (attach map).

DESCRIPTION: *

11. Mineral commodity (to be) mined.

12. Geologic description, including brief general geologic setting, more detailed geologic description of the mineral deposit (to be) mined, and principal minerals or rock types present.

* USE ADDITIONAL PAGES WHEN NECESSARY

13. Brief description of environmental setting of the site and the surrounding areas. Describe existing area land use, soil, vegetation, ground water elevation and surface water characteristics, average annual rainfall and/or other factors pertaining to environmental impacts and their mitigation and reclamation.

PROPOSED (EXISTING) SURFACE MINING OPERATION: *

14. Proposed starting date of operation: _____
Duration of first phase: _____
Estimated life of operation: _____

15. Operation will be (is):

- Continuous
- Seasonal
- Intermittent
- Developed, not yet in operation
- Temporarily deactivated
- Stockpile in mine

16. Operation will be (is):

- Under 5,000 tons cu. yds/yr
- 5,000-50,000 tons cu. yds/yr
- 50,000-250,000 tons cu. yds/yr
- 250,000-1,000,000 tons cu. yds/yr
- Over 1,000,000 tons cu. yds/yr

17. Total anticipated production

Mineral commodities to be remove _____ tons (cu. yds.)
Waste retained on the site _____ tons (cu. yds.)
Waste disposed off the site _____ tons (cu. yds.)
Maximum anticipated depth _____ feet

18. Mining Method (Check all applicable)

- Open Pit
- Single Bench
- Hill Top
- Gravel/Sand Pit
- Drill and Blast
- Clay Pit

* USE ADDITIONAL PAGES WHEN NECESSARY

Multi-bench

Borrow Pit

18. Mining Method Cont. (Check all applicable)

Side Hill

Tailings Pond

Dragline

Slurry Pump

Low Level

Waste Dump

Shovel

Rail

Underground

Truck to plant

Gravel Bar

Truck to RR

Skimming

Other _____

19. If processing of the ores or minerals mined is planned to be conducted at or adjacent to the site, briefly describe the nature of the processing and explain disposal method of the tailing or waste from processing.

20. Estimate quantity (gallons per day) and quality of water required by the proposed operation, specifying proposed sources of this water, of method of its conveyance to this property and the quantity and quality and method of disposal of used and/or surplus water.

21. If the nature of the deposit and the mining method used will permit, describe and show the steps or phases of the mining operation that allow concurrent reclamation, and include a proposed time schedule for such concurrent activities.

22. Attach a map of the mined lands and/or suitable aerial photograph showing:

- (a) Boundaries and topographic details of the site.
- (b) Location of all streams, roads, railroads, water wells, and utility facilities within 500 feet of the site.
- (c) Location of all currently proposed access roads to be constructed in conducting the surface mining operation(s).
- (d) Location of areas (to be) mined, and of waste dumps and tailings ponds.

- (e) By use of overlay symbol or color, depiction of separate mining phases if applicable (see item #21).
- (f) The source of map base, orientation (north arrow), and scale (e.g. 1" = 500', etc.) of map.

RECLAMATION PLAN: *

23. Indicate on an overlay map of item #22, or by color or symbol on map those areas to be covered by reclamation plan.
Acreage _____

24. Describe the ultimate physical condition of the site and specify proposed uses(s), or potential uses, of the mined lands as reclaimed.

25. Describe relationship of the interim uses other than mining and the ultimate physical condition to:

(a) Zoning regulations.

(b) General plan and plan elements.

26. Provide evidence that all owners of a possessory interest in the land have been notified of the proposed uses(s) or potential uses identified in item #23. (Attach copy of notarized statement of acknowledgement, etc.)

27. Describe soil conditions and proposed soil salvage plan.

28. Describe the methods, their sequence and timing, to be used in bringing the reclamation of the land to its end state. Indicate on map (item 22-23) or on diagrams as necessary. Include discussion of the pertinent items listed below.

- (a) Backfilling and grading.
- (b) Stabilization of slopes.
- (c) Stabilization of permanent waste dumps, tailings, etc.
- (d) Rehabilitation of pre-mining drainage.
- (e) Removal, disposal, or utilization of residual equipment, structures, refuse, etc.
- (f) Control of contaminants, especially with regard to surface runoff and ground water.
- (g) Treatment of streambeds and streambanks to control erosion and sedimentation.
- (h) Removal of minimization of residual hazards.
- (i) Resoiling, revegetation with evidence that selected plants can survive given the site's topography, soil and climate.

29. If applicant has selected a short term phasing of his reclamation, describe in detail the specific reclamation to be accomplished during first phase.

30. Describe how reclamation of this site in this manner may affect future mining at this site and in the surrounding area.

* USE ADDITIONAL PAGES WHEN NECESSARY

STATEMENT OF RESPONSIBILITY:

I _____, the undersigned, hereby submit this plan to the Planning Services Division of the Department of Resource Management of Solano County and accept the responsibility for reclaiming the mined lands in the manner described herein, and attached, forming the reclamation plan for the _____ mine (mill, project, etc.).

Signature _____

Dated _____

The foregoing Reclamation Plan was approved by the Solano County Planning Commission on _____ subject to the attached Conditions of Approval.

Signature _____

Bill Emlen, Director