



**SURFACE MINING PERMIT / RECLAMATION PLAN / AMENDED
RECLAMATION PLAN
GENERAL INFORMATION AND APPLICATION**

Mariposa County Planning Department
5100 Bullion Street, P.O. Box 2039
Mariposa, CA 95338

Telephone (209) 966-5151 FAX (209) 742-5024

www.mariposacounty.org planningdept@mariposacounty.org

To the applicant or agent of this application:

This handout is provided to serve as a guide in preparing an application for a Surface Mining Permit and Reclamation Plan (application) in accordance with County Code and the Surface Mining and Reclamation Act of 1975 (SMARA). In order to expedite the processing of the application, please provide the requested information and complete the application as completely and accurately as possible. The applicant is strongly encouraged to contact the Mariposa County Planning Department at (209) 966-5151 with questions or for assistance in completing the Application. The Planning Department has a list of consultants who are qualified in the preparation of surface mining reclamation plans. You may wish to have a consultant act as your agent in completing the application.

Introduction:

The California Surface Mining and Reclamation Act (SMARA) requires that mining applicants submit a reclamation plan and receive approval of the plan by the lead agency prior to commencement of any mining operations. The California SMARA defines reclamation as "... the combined process of land treatment that minimizes water degradation, air pollution, damage to aquatic or wildlife habitat, flooding, erosion, and other adverse surface effects from surface mining operations, including adverse surface effects incidental to underground mines, so that mined land is reclaimed to a usable condition which is readily adaptable for alternate land uses and create no danger to public health and safety."

The California SMARA also requires that, "The reclamation plan shall be applicable to a specific piece of property or properties, and shall be based upon the character of the surrounding area and such characteristics of the property as type of overburden, soil stability, topography, geology, climate, stream characteristics, and principal mineral commodities." A reclamation plan represents a legal commitment by the applicant. The plan should clearly describe how reclamation would be accomplished in terms that can be easily understood. The reclamation plan is an enforceable document that assures that reclamation shall take place. Any deviations from an approved reclamation plan are not allowed and require that the applicant file an amendment with, and have the amendment approved by, the lead agency.

General Information and Instructions:

When preparing the application it is very important to provide as much information and detail as possible on each topic. The reclamation plan should describe how potential adverse environmental impacts will be prevented or minimized, and how the mined lands will be successfully reclaimed to a usable condition which is adaptable to alternate land uses. By providing complete and accurate information, the applicant will lessen the chance for delays and requests for additional information.

When completing the application, begin by completing the fill-in-the-blank information that is requested. The application is divided into the following sections: Applicant Information, Operation Information, and Reclamation Activities. The sections should be supplemented with additional pages as needed. These sections deal with a description of the proposed or existing operation and a plan for reclamation of the site.

The California SMARA requires that a reclamation plan include:

- 1) A description of the environmental setting of the proposed operation,
- 2) A description of the proposed mining plan, and
- 3) A plan for reclaiming the site.

Much of this information may be addressed in documents prepared as part of the environmental review of the project.

The Mariposa County Environmental Review Policies and Procedures allows for the Planning Department to determine whether a Surface Mining Reclamation Plan will be categorically exempt from the requirements of the California Environmental Quality Act (CEQA), or whether the project will require an Initial Study recommending a Negative Declaration or an Environmental Impact Report (EIR). The level of information provided by the applicant will aid the Planning Department in making this determination.

SMARA requires that mine operators provide financial assurances to ensure that reclamation will be performed in accordance with the approved reclamation plan. The financial assurances must be made payable to both the County lead agency and to the State Geologist, and may take the form of surety bonds, irrevocable letters of credit, trust funds, or other forms of financial assurances approved by the State Mining and Geology Board and the lead agency which are adequate to perform reclamation. Financial assurance is required to remain in effect for the duration of the surface mining operation and until reclamation is completed.

The amount of financial assurance must be adjusted annually to account for new mining activity and surface disturbance, inflation, and for any reclamation completed in accordance with the approved reclamation plan. As part of the application, Mariposa County requires that the applicant complete the attached Financial Assurance Estimate form that is an estimate of the reclamation costs prepared by a Mining Engineer, Geologist, or other qualified individual.

This estimate of reclamation costs breaks down the costs of reclamation by task and by labor costs and provides the basis for the amount of the required financial assurance to be approved by the lead agency. A list of consultants qualified to prepare the reclamation cost estimate is available at the Mariposa County Planning Department.

In addition, the County would like to know what type of financial assurance would be posted by the mine operator. SMARA Section 2773.1 states that financial assurances may take the form of surety bonds, irrevocable letters of credit, trust funds, or other forms of financial assurances specified by the State Mining and Geology Board and the lead agency which have been determined adequate to perform reclamation in accordance with the approved reclamation plan. The applicant shall state what form of financial assurance will be posted with the County.

Applicants are encouraged to attend a pre-application meeting with Planning Department staff in order to discuss the project. Pre-application meetings are at no cost to the applicant. Please call the Mariposa County Planning Department at (209) 966-5151 to schedule a meeting with staff to review and discuss your Surface Mining Permit and Reclamation Plan Application requirements, costs and processing.

Costs:

Payment of application fees as determined by Mariposa Planning. Planning staff will review the application to determine which County departments are required to review the project.

The California Department of Fish and Game will likely require the payment of environmental filing fees when the application is approved. The environmental filing fee is required for any project subject to review as required by the California Environmental Quality Act (CEQA). The Department of Fish & Game environmental filing fees are adjusted annually on the 1st of January. Additionally a County Clerk fee is required.

Please be advised that there may be other additional fees collected by other County department or state agencies that are not collected by the Planning Department as part of the mining permit/reclamation plan application process.

The project applicant shall be responsible for paying the costs of any special studies, including but not limited to, biological and cultural resource studies, environmental documents and for any permits, any miscellaneous costs association with the project.

Processing Time:

The processing of a Surface Mining Permit and Reclamation Plan Application is dependent upon environmental review. If the Reclamation Plan is determined to be Categorical Exempt from review required by CEQA, processing will take a minimum of ninety (90) days or twelve weeks. If it is determined that the Reclamation Plan will require environmental review and the preparation of an Initial Study, processing will take a minimum of one hundred twenty (120) days or sixteen weeks. These times are minimum estimates and are based upon applications that are complete and do not require additional information or extensive environmental review. If a project is controversial, or has the potential for significant environmental impacts, processing of the application may take much longer.

Upon receipt of the application, the Planning Department has thirty (30) days to review the application in order to determine whether the application is complete. If additional information or materials are required, the applicant is notified in writing as to what the deficiencies are and what is needed for a complete application. Once staff has determined the application is complete, an initial study will be prepared in order to make an environmental determination; this along with a staff report will be forwarded to the applicant and to the Planning Commission which will include the Planning Department's recommendations. This will be reviewed at a noticed public hearing.

Planning Department staff may recommend approval or denial of the application based on the information provided by the applicant in the application. If the Planning Department recommends denial, the applicant will have an opportunity to present additional evidence in support of the application at the Planning Commission meeting.

A Planning Commission public hearing notice will be published in the local newspaper. Additional notices are sent out to the affected property owners located within 600 feet of the project parcel boundaries.

Application Approval:

Planning Department staff will present the staff report with recommendations for approval or denial to the Planning Commission at the public hearing. This hearing will be open to the public to allow the project applicant and the general public to address the Commission regarding the recommendations and materials presented relating to the application. Once public input is completed, the Commission will deliberate and approve or deny the application on the basis of staff recommendation and public input that have been made to support approval or denial of the project. A project requiring an EIR would be Board of Supervisors approval authority.

Appeal Process:

Any determination made by the Planning Department or any other county official relating to the completeness of the application, requirements for additional materials or information, or fees relating to the processing of the application may be appealed in accordance with adopted County appeals procedures. In addition, any decision made by the Planning Commission relating to the approval or denial of the application may be appealed in accordance with adopted County appeals procedures. **The appeal period deadline is twenty (20) calendar days from the date of action or when the written determination was made.** Information on the appeals procedure and appeal fees are available at the Mariposa County Planning Department, 5100 Bullion Street, 1st Floor, Mariposa, California.

Attachments: Items Required for a Complete Surface Mining Permit and Reclamation Plan
 Site Plan Requirements Checklist
 Estimate of Financial Assurance for Mine Reclamation
 Surface Mining Permit and Reclamation Plan Application form
 Surface Mining and Reclamation Act, Financial Assurance Guidelines

Also refer to the following website for current information and regulations:

<http://www.conservation.ca.gov/smgb>

**ITEMS REQUIRED FOR A COMPLETE
SURFACE MINING PERMIT & RECLAMATION PLAN APPLICATION**

The following items must be submitted and/or completed by the applicant or agent before the application will be accepted by the Mariposa County Planning Department as a complete application for processing.

1. The attached application form must be filled out completely and signed by the applicant or agent. If the applicant is not the property owner, the applicant must provide a letter from the property owner(s). If there is more than one property owner, the applicant shall list the names and addresses of all other individuals who have an interest in the property.

2. Payment of application fees as determined by Mariposa Planning. Deposit fees are for applications that are to be charged time and materials and are estimated using the assigned lower staff hour charge of \$58 per hour. Should the Director or Deputy Director work on the project, the time charge will be rated at \$114 per hour. All additional staff time and expenses needed to complete the application processing that exceed the deposit amount will be charged at the disclosed rate at the time that services are rendered. On average, invoices will be calculated on a quarterly basis and forwarded to the applicant for payment. If the deposit falls below a balance of 20% of the initial deposit, the applicant will be asked to make a subsequent deposit in an amount estimated to be necessary to complete the processing. Applicants will be expected to pay the subsequent deposit within 30 days of the invoice date or prior to the public hearing, whichever comes first. In the event that the billing is not paid timely, processing will be suspended until payment is made. Any remaining balance will be used to reconcile the final bill. If there is a balance remaining after reconciling the final bill, a refund check will be mailed to the applicant. If the application requires a public hearing, the public hearing will not be scheduled until payment in full is received. It should be noted that the fees do not include consultants fee, specialized studies, CEQA charges, publication fees and any additional fees that maybe charged by other agencies or county offices.

Mining Permit Deposit Fee (check those that apply):

<input type="checkbox"/> Surface Mining Permit/Reclamation Plan/Amendment Deposit Fee.....	4,640.00
<input type="checkbox"/> Surface Mining Permit/Vested Rights Determination Deposit Fee.....	4,350.00
<input type="checkbox"/> Request for Proposals for Environmental Impact Report Consultants.....	5,000.00
Document Conversion.....	50.00
Planning Commission Hearing.....	200.00

Agency Review Fees

Public Work	75.00
County Fire.....	100.00
Public Noticing Fee, property owner noticing: (____ names at .50 per name + \$5.00 x 1 hearings).....	_____
Public Noticing Fee estimated for Hearing Notices: 1.5" ad, published once.....	58.50
Vehicle Mileage Fee (_____ miles at \$0.575 per mile, round trip).....	_____

TOTAL

**If EIR is required*

3. The applicant shall provide ten (10) copies of an accurate site plan showing the affected parcel drawn to scale and containing the information listed on the Surface Mining Permit / Reclamation Plan Site Plan Requirement Sheet included in the application package. To ensure that all the information is shown on the site plan, check off each item on the Surface Mining Permit / Reclamation Plan Site Plan Requirement Sheet as drawn on the site plan. The site plan must be drawn in black ink or dark pencil on a single sheet with a minimum size of 11x17" and a maximum size of 18x26".
4. Complete the attached Environmental Effects Checklist. Any items that are checked yes must include discussion relating as to whether the impact will be significant or not, and if mitigation measures are proposed to reduce the impact to a non-significant level, please specify the proposed mitigation measure.
5. Complete the Estimate of Financial Assurance for Mine Reclamation. The cost estimates for completing reclamation of the proposed mining operation may be prepared by a mining engineer, geologist, or other qualified individual. This estimate shall include a breakdown of specific reclamation tasks, time and cost of completing each task, and include estimates of the number of man-hours required to complete reclamation along with an estimate of the costs of labor. Also specify in what form the required financial assurance would be (surety bond, irrevocable letter of credit, trust fund, or other financial assurance approved by the State Board of Mining and Geology. Attached is a copy of the Surface Mining and Reclamation Act Financial Assurance Guidelines adopted by the State Mining and Geology Board.

SURFACE MINING PERMIT / RECLAMATION PLAN SITE PLAN REQUIREMENTS CHECKLIST**I. Title Block**

1. Name of Mine or Project
2. Mineral commodity to be mined.
3. Name, address and telephone number of the following persons: a) mine operator; b) land owner, c) applicant, d) agent or representative, e) owners of mineral rights, and f) map preparer.
4. Source of Map
5. Date of map preparation.
6. Assessor's Parcel Number (APN) and legal description.
7. Acreage of area disturbed.
8. Scale and north arrow.

II. Mine Site PlanGeneral Information

9. Property or claim boundary lines.
10. Show original (pre-mining) ground contours for the proposed mining area.
11. Location of all improvements and structures on the site (label what structures are used for and label structures as existing or proposed. Indicate the height, building footprint dimensions, and distance of structures in relation to other structures and property lines).
12. Show names, widths, improvements, and gradients of all proposed and existing access roads.

Hydrologic Information

13. Show location, width, and direction of flow of all drainage courses, streams and rivers on the site.
14. Show location and details of facilities to control on-site storm runoff, erosion and sedimentation such as water courses, culverts, drain pipes, settling ponds, retarding basins, ditches and dikes, including gradients.

Mining Operation Information

15. Provide a cross-section showing contours of the mined area prior to mining.
16. Show the mine design by using cross-sectional diagrams.
17. Show maximum and minimum elevations of the mining operation.
18. Show location of processing and storage areas.
19. Show location of operating equipment and any permanent structures.
20. Show boundaries of area to be mined, waste dumps, stockpiles, tailing ponds, retarding basins, and settling ponds.

Reclamation Activities Information

21. Show boundaries of all disturbed areas to be reclaimed and include acreage.
22. Provide a cross-sectional diagram showing proposed reclaimed ground surface contours.
23. Show post reclamation drainages.
24. Show erosion and sediment control structures such as water bars, berms, siltation ponds, diversion ditches, etc.
25. Show re-vegetation test plot areas including names of plant species, size and spacing of plants, and method of planting, fertilization and irrigation.
26. Illustrate the sequence and timing for reclamation (time-line showing time to complete various reclamation activities).
27. Show post-mining safety measures such as fences, gates, signs, etc.

**SURFACE MINING PERMIT / RECLAMATION PLAN
ENVIRONMENTAL EFFECTS CHECKLIST
Preliminary Environmental Information:**

Provide information on the adjacent land uses to the project site (i.e., vacant, residential, grazing land).

	<u>Parcel Size</u>	<u>Use of Property</u>
North	_____	_____
Northeast	_____	_____
East	_____	_____
Southeast	_____	_____
South	_____	_____
Southwest	_____	_____
West	_____	_____
Northwest	_____	_____

Are the following items listed below applicable to the project with respect to having a possible effect on the environment? A brief discussion of those items checks 'yes' or 'maybe' must be attached to the application.

Yes Maybe No

- | | | | |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. Would the construction of roads, driveways, and building pads associated with the project result in grading on slopes of greater than 20% result in a change in the existing topography of any hills on the site, or result in the alteration of any lakes, ponds, rivers, or drainage courses? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Would the project result in any change in the pattern, scale, or character of development in the general area of the project? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Would the project result in a change in the quantity or quality of ground and surface water supplies? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. Would the project result in an increase in noise or light levels in noise or light levels in the vicinity of the project site? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Would the project result in the use of hazardous materials such as toxic substances, chemicals, flammables, or explosives? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. Are there any historical or archaeological structures or sites located on the project site or in the surrounding area? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7. Would the project result in an increase of traffic or existing easement roads? |

**SURFACE MINING PERMIT / RECLAMATION PLAN
ESTIMATE OF FINANCIAL ASSURANCE FOR MINE RECLAMATION**

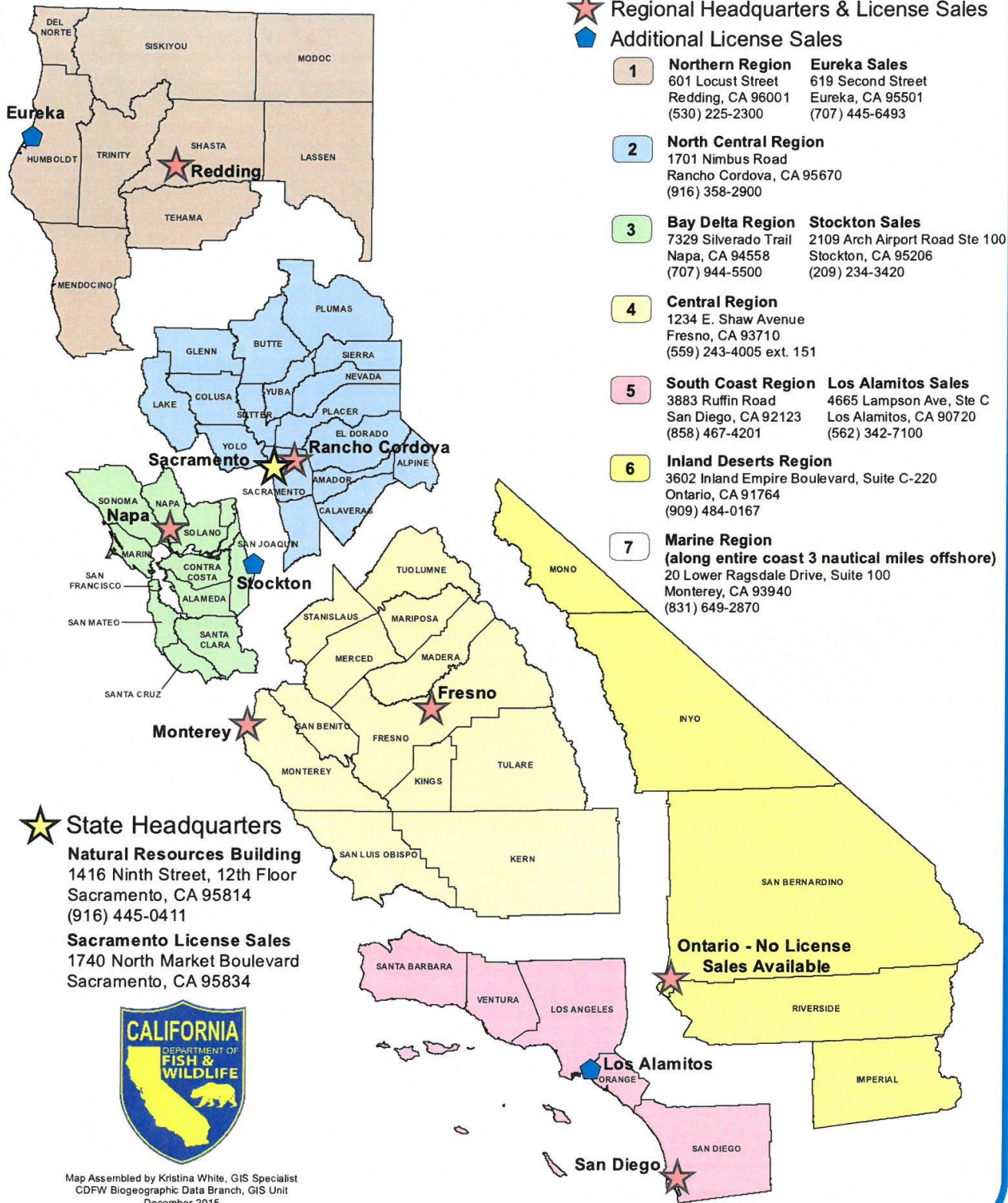
Sections 2770 and 2773.1 of the Surface Mining and Reclamation Act (SMARA) requires that a financial assurance be established and be approved by the lead agency for each mining operation to ensure reclamation is performed in accordance with the surface mining operation's approved reclamation plan. The assurance is to be reviewed on an annual basis to account for new lands disturbed, inflation, and reclamation of lands in accordance with the approved reclamation plan. Attached to this form is a copy of the Surface Mining and Reclamation Act Financial Assurance Guidelines which were adopted by the State Mining and Geology Board to assist mining operators and lead agencies in complying with SMARA's financial assurance requirements.

Please provide an estimate of the actual costs of reclamation of the mining operation based upon existing or anticipated disturbance resulting from your operation over the next year (attach any supporting documentation).

This estimate should show a breakdown of costs to include, but not be limited to, the following items:

<u>Item</u>	<u>Total Estimated Cost</u>
1. Transportation of equipment to and from mine site.	\$ _____
2. Equipment operation costs (list equipment to be used and their hourly rates)	a) _____ / _____ b) _____ / _____
3. Labor costs (list total number of man hours at union scale wages for each task) Use additional sheets of paper if necessary.	\$ _____
4. Material costs (materials used to complete reclamation)	\$ _____
5. Cost of removal and disposal of debris and permanent / temporary structures on site.	\$ _____
6. Charges for supervision, overhead costs, and miscellaneous reclamation activities.	\$ _____
7. Ten percent (10%) of total reclamation costs. (for contingencies and inflation)	\$ _____
Estimated Total Reclamation Costs:	\$ _____

California Department of Fish and Wildlife Regions and License Sales



2020

CEQA Environmental Document Filing Fees

CDFW imposes and collects a filing fee to defray the costs of managing and protecting California's vast fish and wildlife resources, including, but not limited to, consulting with other public agencies, reviewing environmental documents, recommending mitigation measures, and developing monitoring programs.

CEQA Document	Fees Effective January 1, 2019	Fees Effective January 1, 2020
Negative Declaration (ND)	\$2,354.75	\$2,406.75
Mitigated Negative Declaration (MND)	\$2,354.75	\$2,406.75
Environmental Impact Report (EIR)	\$3,271.00	\$3,343.25
Environmental Document pursuant to a Certified Regulatory Program (CRP)*	\$1,112.00	\$1,136.50
County Clerk Processing Fee**	\$50.00	\$50.00

* CRPs include certain state agency regulatory programs as defined in section 21080.5 of the Public Resources Code and section 15251 of the CEQA Guidelines. Beginning July 1, 2013, CEQA/CRP Filing Fees will no longer apply to the filing of Notices of Decision or Determination for Forest Practice Rules and Timber Harvest Plans (Pub. Resources Code, § 4629.6, added by Stats. 2012, ch. 289, § 3).

** Additional county fees may apply. Please check with your county clerk's office for details.



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FOR OFFICE USE ONLY

Date Received _____ Received By _____

Fees Paid \$ _____ Receipt No. _____ Received By _____

Application No. _____ Application Complete _____

Final Action _____

This application is for a: (please check the appropriate boxes)

- Mining Operation
- Sand / Gravel Pit
- Quarry
- Other _____
- In Stream Aggregate Operation
- Concrete Batch Plant
- Screening Plant
- Reclamation Plan
- Amended Reclamation Plan
- Milling Operation

APPLICANT INFORMATION (use additional pages if necessary)

1. Name of mine or mining operation _____

2. Property owner(s) or owner of surface rights:

Name _____

Address _____

Telephone _____

E-Mail Address _____

3. Mining claimant, or owner of mineral rights:

Name _____

Address _____

Telephone _____

4. Lessee / Operator:

Name _____

Address _____

Telephone _____

OPERATION INFORMATION (use additional pages if necessary)

5. Total area to be affected by operation _____ acres.

Total area to be disturbed _____.

Total area to be reclaimed _____.

Total acres: _____ Owned _____ Patented _____ Not Patented
_____ Leased _____ Sub-Leased _____ Other _____.

6. Provide a legal description of the property upon which the mining operation will take place:

Section(s) _____ Township _____, Range _____,
_____, Base and Meridian.

7. Describe the access route (driving directions) to the operation site:

8. Type of operation (check where applicable):

- | | | |
|--|--|--|
| <input type="checkbox"/> Open Pit | <input type="checkbox"/> Single Bench | <input type="checkbox"/> Multi Bench |
| <input type="checkbox"/> Drill and Blast | <input type="checkbox"/> Shovel / Truck | <input type="checkbox"/> Loader / Truck |
| <input type="checkbox"/> Underground | <input type="checkbox"/> Flow Way Channel | <input type="checkbox"/> Alluvial Terrace |
| <input type="checkbox"/> Hillside | <input type="checkbox"/> Hardrock | <input type="checkbox"/> Metallic Minerals |
| <input type="checkbox"/> Sand and Gravel | <input type="checkbox"/> Non-Metallic Minerals | <input type="checkbox"/> Quarry |
| <input type="checkbox"/> Other _____ | | |

9. Proposed starting date of operation (if existing operation, indicate when operation began):
_____.

10. Proposed termination date _____.

11. The operations are: (please check the appropriate boxes)
 Continuous Intermittent Seasonal
 Other (please explain): _____.

If seasonal or intermittent, please check the months of operation:

<input type="checkbox"/> January	<input type="checkbox"/> April	<input type="checkbox"/> July	<input type="checkbox"/> October
<input type="checkbox"/> February	<input type="checkbox"/> May	<input type="checkbox"/> August	<input type="checkbox"/> November
<input type="checkbox"/> March	<input type="checkbox"/> June	<input type="checkbox"/> September	<input type="checkbox"/> December

12. Operating days per week _____
Daily hours of operation _____

13. List number and types of vehicles and equipment associated with the project and the number of truck trips per day for each type of vehicle:

_____.

14. Water Quality / Supply:
Source of water _____
Yield of water source (GPH) _____
Total gallons of water to be used per day _____
Gallons per day of recycled water used _____
Gallons per day of fresh water used _____
Proposed method of waste water disposal _____
_____.

15. Chemicals to be used _____
Method of chemical disposal _____

16. Proposed type of on-site waste water disposal system _____

Describe how solid waste will be disposed of on site _____

17. Describe the topography of the site in general terms (steep, moderate, gentle slopes, etc.):

18. Provide information on any existing / proposed buildings and facilities on the site, and purpose:

19. Briefly describe the geology of the site and the area of this mining operation:

20. Describe in general the type of vegetation and the percentage of the site it covers. List the animals that you have seen or that are known to be seen on the site: (use additional pages if necessary)

21. Describe the mineral commodity and the composition of the mineral materials to be mined (ore and gangue, or waste rock) and the type of host or country rock: (briefly describe)

22. Anticipated quantity of mineral commodity to be mined:

Cubic Yards _____ per (day / week / month) _____

Tons _____ per (day / week / month) _____

23. Anticipated total quantity of overburden or waste rock to be removed:

Cubic Yards _____ per (day / week / month) _____

Tons _____ per (day / week / month) _____

24. Anticipated total quantity of all earth materials to be mined or removed (include mineral/ore and waste rock/overburden)

Cubic Yards _____ Tons _____

25. Anticipated maximum depth of surface mining operation _____ feet below existing surface.
Maximum slope angle _____ (for pits, cut slopes, etc.)
Maximum length _____ (of pit, tunnel, cut, etc.)
Maximum width _____ (of pit, tunnel, cut, etc.)
Other information _____

26. Briefly describe the mining process _____

27. Describe all on-site processing, milling, beneficiation, and smelting activities proposed, including the composition and disposal methods of all waste and tailings materials (use additional pages if necessary):

28. Describe, and diagram if necessary, the steps or phases of the mining operation that allow for concurrent reclamation activities and reclamation of portions of the site at the earliest possible time. Include a time schedule of reclamation activities: (use additional pages if necessary)

RECLAMATION ACTIVITIES (use additional pages if necessary)

This section is to be filled out only if applying for a Reclamation Plan.

29. Describe the proposed use(s) or potential uses of the mined land after reclamation:

30. General Plan Land Use _____

Zoning District(s) _____

Assessor Parcel Number(s) _____

31. Provide evidence that all owners of a possessive interest in the land have been notified of the proposed uses (i.e., letter of intent or notice). Attach copies of any deeds or leases, list the names of all other individuals, corporations, or companies that have a possessive interest in the land and mining operation).

32. Describe the pre-mining use of the land and describe the present surrounding land uses:

North _____ South _____

East _____ West _____

33. Describe the visibility of the proposed operation from surrounding areas. Consider highways, roads, residences, commercial developments and recreation areas. Discuss any proposed mitigation (i.e., landscaping, berms, fences, modification of operation, etc.):

34. Describe the reclamation steps to be used (in sequence) to prepare the land for post-reclamation uses, including the anticipated dates of completion for each step. On a separate sheet provide detailed information on the following:

- a) Describe any proposed re-contouring (smoothing and reshaping) of cut/fill slopes.
- b) Describe any stabilization of mined slopes, waste dumps, tailings, road cuts, and other excavations or embankments to prevent landslides, earth flows, rock falls and erosion (i.e., re-vegetation, terracing, scaling, slope reduction, etc.).
- c) Describe the plant species and/or seed to be used, rate of seed application and/or spacing of plants, planting methods, time of year of planting, types and amounts of fertilizers, site preparation, and proposed irrigation system. If test plots are to be used, please provide a map identifying the test plot location and size, and include the above information.
- d) Describe the steps for rehabilitation of pre-mining drainages affected by the operation.
- e) Describe the removal, disposal or utilization of residual equipment, structures, refuse, etc., associated with the operation.
- f) Describe the proposed protective measures to secure and minimize precipitous slopes, pits, shafts, or other hazardous conditions on the site.
- g) Describe the control of contaminants or other hazardous waste materials on the site.
- h) Describe any proposed protective measures to insure against the contamination of surface and groundwater. If a Waste Discharge Permit or General Stormwater Discharge Permit has been issued to the operation, please provide a copy of the permit.
- i) Describe how ponds, tailings and other mine wastes will be reclaimed.
- j) Describe what measures will be taken to ensure public safety (fences, gates, signs, guards, hazard removal, etc.).
- k) Provide an estimated time for reclamation to start.

l) Provide an estimated time for the completion of reclamation.

35. Describe how reclamation of the site as outlined above will affect future mining on the site or in the area:

Attach additional sheets with information on the proposed reclamation steps. Please pay attention to the reclamation standards adopted by the State Mining and Geology Board. A copy of the Reclamation Standards is attached for your review and use.

36. Complete the attached Financial Assurance Estimate Form with an estimate of the reclamation costs prepared for the mining operation by a Mining Engineer or Geologist, or other qualified individual which includes information on specific reclamation tasks and labor costs to complete the reclamation plan as submitted. This estimate will be used by the lead agency to formally approve the required financial assurances to be posted by the mine operator.

37. Provide information on the type of financial assurance that you would prefer to deposit with the lead agency and the State Geologist (bond, trust fund, irrevocable letter of credit, or other).

Please use the attached Financial Assurance Estimate form and include any additional sheets with information on the estimated costs to complete the proposed reclamation steps. Please pay attention to the attached Guidelines for Financial Assurances prepared by the Department of Conservation, Division of Mines and Geology. A copy of the Guidelines for Financial Assurances is attached for your review and use.

38. Attach a map of the property or lands affected by the mining operation showing:

I. Mine Site Plan – Title Block Information

- 1) Name of mine or project.
- 2) Mineral commodity to be mined.
- 3) Name, address and telephone number of the following persons: a) mine operator; b) landowner; c) applicant; d) agent or representative; e) owners of mineral rights; and f) map preparer.
- 4) Source of map.
- 5) Date of map preparation.
- 6) Assessor's parcel numbers and legal description.
- 7) Acreage of area disturbed.
- 8) Scale and north arrow.

II. Mine Site Plan – General Information

- 9) Property or claim boundary lines.
- 10) Show original (pre-mining) ground contours for the proposed mining area.

- 11) Show original (pre-mining) location of all improvements and structures on the site (label what structures are used for, and label structures as existing or proposed. Indicate the height, building footprint dimensions, and distance of structures in relation to other structures and property lines).
- 12) Show names, widths, improvements and gradients of all proposed and existing access roads.

III. Mine Site Plan – Hydrologic Information

- 13) Show location, width and direction of flow of all drainage courses, streams and rivers on the site.
- 14) Show location and details of facilities to control on-site storm runoff, erosion and sedimentation, such as water courses, culverts, drain pipes, settling ponds, retarding basins, ditches and dikes, including gradients.

IV. Mine Site Plan – Mining Operation Information

- 15) Provide a cross-section showing contours of the mined area prior to mining.
- 16) Show the mine design by using cross-sectional diagrams.
- 17) Show maximum and minimum elevations of the mining operation.
- 18) Show location of processing and storage areas.
- 19) Show location of operating equipment and any permanent structures.
- 20) Show boundaries of area to be mined, waste dumps, stockpiles, tailing ponds, retarding basins, and settling ponds.

V. Mine Site Plan – Reclamation Activities Information

- 21) Show boundaries of all disturbed areas to be reclaimed and include acreage.
- 22) Provide a cross-sectional diagram showing proposed reclaimed ground surface contours.
- 23) Show post reclamation drainages.
- 24) Show erosion and sediment control structures such as water bars, berms, siltation ponds, diversion ditches, etc.
- 25) Show re-vegetation test plot areas including names of plant species, size and spacing of plants, and method of planting, fertilization, and irrigation.
- 26) Illustrate the sequence and timing for reclamation (timeline showing time to complete various reclamation activities).
- 27) Show post-mining safety measures such as fences, gates, signs, etc.

The above map and diagram requirements apply for both a mining permit and/or a reclamation plan.

STATEMENT OF RESPONSIBILITY

I, _____, the undersigned, representing (the)
 _____ (myself / company / corporation) legal
 holder of the possessive interest, mineral and/or surface rights to the property commonly known as
 the _____
 located in Township _____ Range _____ Section(s) _____
 Mount Diablo Base Meridian, do hereby accept responsibility for reclaiming the mined lands in the
 manner described herein, and acknowledge to abide by the Reclamation Plan and the Conditions of
 Approval as approved by Mariposa County.

Signature

Date

State of California
County of Mariposa

On _____, 20_____, before me, _____,

personally appeared _____, personally known to me
 (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are
 subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
 his/he/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
 person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

For Notary Stamp or Seal:

WITNESS my hand and official seal:

Signature of Notary Public

REQUIRED SIGNATURE(S)

Affidavit

I/we, the undersigned (Property Owner and Applicant), agree to defend, indemnify, and hold harmless the County and its agents, officers and employees from any claim, action or proceeding against the County arising from the Property Owner and Applicant project.

I/we declare under the penalty of perjury that the statements and information submitted in this application are in all respects true and correct to the best of my/our knowledge.

I/we acknowledge that I/we have read and understand the information contained in the application package relating to the submittal and processing of this application.

I/we understand that the processing of the application will be delayed if any required information is incorrect, omitted, or illegible.

I/we declare that if an entity listed below is a Partnership, Limited Liability Corporation, Corporation or Trust the signer(s) below certifies that he/she is authorized by that entity to apply and sign the application attached herewithin.

<u>Property Owner</u> <i>(printed name):</i>	<u>2nd Property Owner</u> <i>(printed name):</i>	<u>Applicant</u> <i>(printed name):</i>
<u>Property Owner</u> <i>(signature):</i>	<u>2nd Property Owner</u> <i>(signature):</i>	<u>Applicant</u> <i>(signature):</i>
Date:	Date:	Date:

If there are more than two property owners, additional copies of this page shall be provided.

IMPORTANT: This page must be signed by all property owners and any authorized applicant.

IMPORTANT: Please note that if the property owner/s is/are authorizing someone other than themselves to act as the applicant or agent, the next page must also be signed.

IMPORTANT: Failure to have all necessary signatures will DELAY the commencement of processing the application. The application will be returned to the applicant to provide all necessary signatures.

This page to be signed **IF** the property owner(s) is (are) authorizing someone to act as an agent or applicant for this application.

Affidavit

Applicant/Agent Authorization:

I/we, _____, Property Owner(s) hereby authorize _____ to act as a representative/Applicant and/or _____ to act as a representative/Agent in all matters pertaining to the processing and approval of this application, including modifying the project, and agree to be bound by all representations and agreements made by the designated Applicant and/or Agent.

I/we declare that if the Property Owner and/or Applicant is a Partnership, Limited Liability Corporation, Corporation or Trust, the individual(s) listed below certifies that he/she/they is/are authorized by that entity to execute the application form attached herewithin.

<u>Property Owner (printed name):</u>	<u>Applicant (printed name):</u>	<u>Agent (printed name):</u>
<u>Property Owner (signature):</u>	<u>Applicant (signature):</u>	<u>Agent (capacity/title):</u>
<u>Property Owner (capacity/title):</u>	<u>Applicant (capacity/title):</u>	
Date:	Date:	
<u>2nd Property Owner (printed name):</u>	<u>Co-Applicant (printed name):</u>	
<u>2nd Property Owner (signature):</u>	<u>Co-Applicant (signature):</u>	
Date:	Date:	