

**– Plan of Operations –
for**

Activity under the Surface Management Regulations at 43 CFR 3809

The regulations at 43 CFR 3809.401(b) require you, the operator, to describe the proposed operations at a level of detail sufficient for the BLM to determine that your operation would prevent unnecessary or undue degradation. The Plan of Operations is to be filed in the BLM field office with jurisdiction over the land involved. The Plan of Operations does not need to be on a particular form but must address the information required by 43 CFR 3809.401(b), as outlined below. This format has been prepared to help small or medium scale operators address the content requirements for a Plan of Operations. Use of this worksheet is voluntary.

Part 1 - Operator Information

You must identify the operator responsible for conducting the proposed activity. If the operator is a corporation, then a corporate point of contact must be identified. You must notify the BLM in writing within 30 days of any change of operator or corporate point of contact or in the mailing address of either.

Name(s):	Point of Contact (<i>if operator is a corporation</i>):
Mailing Address:	Mailing Address:
Phone Number: Fax Number:	Phone Number: Fax Number:
Email address (<i>optional</i>):	Email address (<i>optional</i>):
Taxpayer Identification Number (<i>for an individual this is your social security number</i>):	
Unpatented Mining Claims (<i>list the name and BLM serial number(s) of any unpatented mining claim(s) where disturbance would occur</i>):	
Other Federal, State, or Local Authorizations (<i>list any other permits or licenses you have either applied for or been issued for this project</i>):	

Part 2 – Description of Operations and Reclamation

You must provide a complete description of all equipment, devices or practices you propose to use during operations. The type of information required is listed below. You only need to address those items applicable to your operations. Attach maps and additional sheets as needed.

<p>Project Area Maps (<i>check project feature and show on attached maps or drawings</i>):</p>	<p><input type="checkbox"/> Exploration location <input type="checkbox"/> Drillsite/drill hole location(s) <input type="checkbox"/> Access routes, new and existing <input type="checkbox"/> Mineral process facility layout <input type="checkbox"/> Mining areas/underground workings <input type="checkbox"/> Waste rock/tailing location <input type="checkbox"/> Support facilities/building location/utility service <input type="checkbox"/> Other:</p>
<p>Operating Plans, including preliminary or conceptual designs and cross sections (<i>address applicable project feature, attach design information, and provide a narrative explaining how operations are to be conducted</i>)</p>	<p><input type="checkbox"/> Mining areas/underground workings <input type="checkbox"/> Mineral processing facilities <input type="checkbox"/> Waste rock/tailing disposal <input type="checkbox"/> Water management plans <input type="checkbox"/> Rock characterization and handling plans <input type="checkbox"/> Quality assurance plans <input type="checkbox"/> Access route construction and use <input type="checkbox"/> Pipelines, power lines or utility services <input type="checkbox"/> Other:</p>
<p>Operating Plan (<i>Describe your operating plan. Attach additional sheets/maps where needed</i>)</p>	

<p>Reclamation Plan (<i>provide a reclamation plan to meet the standards in 43 CFR 3809.420. Include a description of the equipment, practices, and devices you will use. Address the applicable components in the right column</i>)</p>	<ul style="list-style-type: none"> ___ Drill hole plugging procedures ___ Closure of mine openings and reclamation ___ Regrading and reshaping plans ___ Isolation & control of acid-forming/toxic materials ___ Topsoil salvage, handling and replacement ___ Vegetation reestablishment / weed control ___ Wildlife habitat /riparian area rehabilitation ___ Removal/stabilization of buildings & support facilities ___ Post-closure management ___ Pit backfilling feasibility where pits are to be left open (<i>address economic, environmental, and safety factors</i>)
<p>Reclamation Plan (<i>Describe your reclamation plan. Attach additional sheets/maps where needed</i>)</p>	
<p>Schedule of Operations (<i>provide a schedule from project start-up through final closure. Identify major phases such a development, mining, processing, and reclamation. Operations with open-ended or undefined schedules cannot be accepted</i>)</p>	

Part 3 – Monitoring Plan

You must provide a plan to monitor the effects of your operation. The monitoring plan should be designed to do the following: 1) demonstrate compliance with the Plan of Operations and other environmental regulations, 2) provide early detection of potential problems, and 3) supply information that will assist with any needed corrective actions. The scope of monitoring depends on the location and complexity of the operation. Generally, exploration activity requires little or no monitoring, while certain mining activity may need comprehensive monitoring plans. Monitoring plans should avoid duplication by incorporating other state or federal monitoring requirements.

<p>Resource Conditions to Monitor (<i>Indicate the conditions you propose to monitor</i>)</p>	<p> <input type="checkbox"/> Surface or groundwater quality/quantity <input type="checkbox"/> Air quality <input type="checkbox"/> Vegetation or reclamation conditions <input type="checkbox"/> Process facility containment performance <input type="checkbox"/> Stability conditions <input type="checkbox"/> Wildlife mortality <input type="checkbox"/> Noise or light levels <input type="checkbox"/> Other (include state requirements): </p>
<p>Monitoring Plan Elements (<i>For each resource or condition monitored address these elements</i>)</p>	<p> <input type="checkbox"/> Type and location of monitoring devices <input type="checkbox"/> Sampling parameters and frequency <input type="checkbox"/> Analytical methods <input type="checkbox"/> Reporting procedures <input type="checkbox"/> Adverse monitoring result thresholds & procedures <input type="checkbox"/> Other: </p>
<p>Monitoring Plans (<i>Describe your monitoring plan(s). Attach additional sheets/maps where needed</i>)</p>	

Part 4 – Interim Management Plan

All Plans of Operations must include an Interim Management Plan that describes how the project area will be managed during periods of temporary closure (including periods of seasonal closure)

<p>Interim Management Plan Elements <i>(Address each of these elements)</i></p>	<p><input type="checkbox"/> Schedule of anticipated periods of closure <input type="checkbox"/> Provisions to notify BLM of unplanned or extended closures <input type="checkbox"/> Measures to stabilize excavations and workings <input type="checkbox"/> Measures to isolate or control toxic materials <input type="checkbox"/> Provisions to store or remove equipment, supplies or structures <input type="checkbox"/> Measures to maintain the project area in a safe and clean condition <input type="checkbox"/> Plans for monitoring site conditions during non-operation <input type="checkbox"/> Other:</p>
<p>Interim Management Plan <i>(Describe your Interim Management Plan. Attach additional sheets/maps where needed)</i></p>	

Part 5 – Reclamation Cost Estimate

A reclamation cost estimate (RCE) is required to process your Plan of Operations (43 CFR 3809.401(d)). The RCE may be submitted with the Plan of Operations, or later at a time to be determined between you and BLM. The following are general RCE requirements. BLM is available to assist you in developing the cost estimate.

Reclamation Cost Estimate Elements (<i>Account for each of these cost elements</i>)	<ul style="list-style-type: none">___ The RCE must cover the Reclamation Plan at any point in the project life___ Calculate the RCE based on BLM's cost to contract for the reclamation___ Include all equipment use, supplies, labor, and power in direct costs___ Include fluid management of any mill process solutions in direct costs___ Allow for a contingency cost (10% of direct costs)___ Allow for contractor profit (10% of direct costs)___ Include contractor liability insurance (1.5% of total labor cost)___ For direct costs over \$100,000 add 3% for payment & performance bonds___ Add 12% of direct costs for BLM contract administration & indirect costs
Reclamation Cost Estimate (<i>Attach additional sheets/maps where needed</i>)	

The proposed Plan of Operations is submitted this date by:

(Signature of operator or agent)

Date

(Signature of co-operator or agent)

Date

Additional Processing Information

Within 30 calendar days of receiving your proposed Plan of Operations, the BLM will review the submitted material and notify you: 1) that your Plan of Operations is complete, that is, it meets the content requirements under 43 CFR 3809.401(b); or 2) that your Plan does not contain a complete description of the proposed operations, specifying what information is missing or incomplete; or 3) that your Plan of Operations is complete, but BLM cannot process the Plan until certain additional steps are taken which could include you providing adequate baseline data, BLM conducting an environmental review, or BLM consulting with various entities such as the State or Indian tribes.

Once a Plan of Operations is determined to be complete, an environmental analysis is prepared. The environmental analysis and/or complete Plan of Operations is available for public comment for not less than 30-days. The processing of a Plan of Operations that requires preparation of an environmental impact statement (EIS) is subject to the cost recovery provisions of the regulations. BLM will notify you immediately if it is determined your Plan of Operations falls within the cost recovery requirements.

Upon completing review of your Plan of Operations, including environmental analysis, consultation, and consideration of public comments, the BLM will issue a decision that: 1) approves the Plan of Operations basically as submitted; or 2) approves the Plan of Operations subject to changes or conditions needed to prevent unnecessary or undue degradation; or 3) disapproves or withholds approval of the Plan of Operations, listing the reason for not approving the Plan. The decision to approve or deny a Plan of Operations can be appealed to the BLM State Director or directly to the Interior Board of Land Appeals (IBLA).

Even after receiving a decision approving your Plan of Operations, you must not begin surface disturbing activity until you have provided a financial guarantee in the amount of the approved reclamation cost estimate to the BLM State Office, and received a decision from that office that the financial guarantee instrument has been accepted.

It should be noted that approval of a Plan of Operations by BLM does not constitute a determination regarding the validity or ownership of any unpatented mining claim involved in the operation. In addition, you are responsible for obtaining any use rights or local, state or federal permits, licenses or reviews that may be required for your operation.

A Plan of Operations proposing use and occupancy of the public lands, such as full or part time residence or the construction, presence, or maintenance of temporary or permanent structures, must also obtain concurrence under the regulations at 43 CFR 3715 that the use or occupancy is reasonably incident to the prospecting, mining, or processing operations.