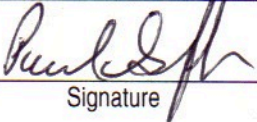
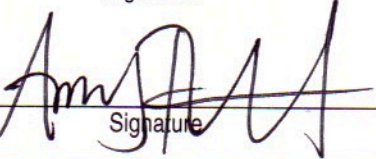


**PLAN OF OPERATIONS FOR MINING ACTIVITIES
ON NATIONAL FOREST SYSTEM LANDS**

USE OF THIS FORM IS OPTIONAL! 1st TIME USERS SHOULD DIRECT QUESTIONS REGARDING THIS FORM OR REGULATIONS (36 CFR 228A) TO THE FOREST SERVICE DISTRICT OFFICE NEAREST YOUR AREA OF INTEREST.

Submitted by:	<u></u>	<u>Owner</u>	<u>1/28/16</u>
	Signature	Title	Date (mm/dd/yy)
Plan Received by:	<u></u>	<u>Geologist</u>	<u>2/3/16</u>
	Signature	Title	Date (mm/dd/yy)

I. GENERAL INFORMATION

- A. Name of Mine/Project: Lovely Lisa
- B. Type of Operation: Lode
(lode, placer, mill, exploration, development, production, other)
- C. Is this a (☐new/☒continuing) operation? (check one).
If continuing a previous operation, this plan (☒replaces/☐modifies/☐supplements) a previous plan of operations. (check one)
- D. Proposed start-up date (mm/dd/yy) of operation: 09/15/16
- E. Expected total duration of this operation: 1 week.
- F. If seasonal, expected date (mm/dd/yy) of annual reclamation/stabilization close out: 09/22/16
- G. Expected date (mm/dd/yy) for completion of all required reclamation: 09/22/16

II. PRINCIPALS

- A. Name, address and phone number of operator:
Paul Geffner, 91 Marin Avenue, Sausalito, California 94965
- B. Name, address, and phone number of authorized field representative (if other than the operator).
Attach authorization to act on behalf of operator.
N/A
- C. Name, address and phone number of owners of the claims (if different than the operator):
N/A

RECEIVED

MAR 08 2016

DIVISION OF RECLAMATION
MINING AND SAFETY

(If more space is needed to fill out a block of information, use additional sheets and attach form)

- D. Name, address and phone number of any other lessees, assigns, agents, etc., and briefly describe their involvement with the operation, if applicable:

NA

III. PROPERTY OR AREA

(Name of claim, if applicable, and the legal land description where the operation will be located.)

MC#	Name	Section	Township	Range
CMC252327	Lovely Lisa	3	12S	71E

IV. DESCRIPTION OF THE OPERATION

- A. **Access.** Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which Forest Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. For new construction, include construction specifications such as widths, grades, etc., location and size of culverts, describe maintenance plans, and the type and size of vehicles and equipment that will use the access routes.

The Lovely Lisa is located within the Hackett Mountain USGS 7.5 minute quadrangle. To access the site take Highway CR 94 from Lake George to CR 32. Take CR 32 to FSR 201 and take a left onto FSR 752 which leads to the Lovely Lisa Claim.

At the site vehicles and the track hoe will be parked to the north, as indicated with a "P" on the attached map.

See attached USGS 7.5 minute Hackett Mountain quadrangle with inset showing approximate claim boundaries in black and route to claim in red.

- B. **Map, Sketch or Drawing.** Show location and layout of the area of operation. Identify any streams, creeks or springs if known. Show the size and kind of all surface disturbances such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.

See attached map.

There are no known streams, ephemeral or perennial, on the site.

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- C. **Project Description.** *Describe all aspects of the operation including mining, milling, and exploration methods, materials, equipment, workforce, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpile, waste rock placement, tailings disposal, proposed number of drillholes and depth, depth of proposed suction dredging, and how gravels will be replaced, etc. Calculate production rates of ore. Include justification and calculations for settling pond capacities, and the size of runoff diversion channels.*

This will be a one week project. We will dig a trench approximately 12' by 6' and 4' deep in search of amazonite crystal pockets. We will refill the trench before leaving and we will reseed with USDA approved seed. Any disturbance as a result of parking will also be reseeded with USDA approved seed.

Location of trench and stockpiles are denoted on the attached map of claim area.

Any open trench will be fenced off when not in use to minimize hazards to wildlife and the public.

- D. **Equipment and Vehicles.** *Describe that which is proposed for use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.*

A single track hoe Kamtsu 220 or equivalent will be used to excavate the trench and hand tools such as hammers, chisels, prybars and screw drivers will be used to extract crystals.

The track hoe will be kept on site for the duration of the week dig. It will be left locked when not in use.

- E. **Structures.** *Include information about fixed or portable structures or facilities planned for the operation. Show locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipelines, water diversions, trailers, sanitation facilities including sewage disposal, etc. Include engineering design and geotechnical information for project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.*
N/A

No campsite will be used, we will be staying at a motel in a local town (Woodland park, Lake George)

V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

- A. **Air Quality.** *Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.*
N/A

B. Water Quality. *State how applicable state and federal water quality standards will be met. Describe measures or management practices to be used to minimize water quality impacts and meet applicable standards.*

1. *State whether water is to be used in the operation, and describe the quantity, source, methods and design of diversions, storage, use, disposal, and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.*
 2. *Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.*
 3. *Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.*
 4. *Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.*
 5. *If land application is proposed for waste water disposal, the location and operation of the land application system must be described. Also describe how vegetation, soil, and surface and groundwater quality will be protected if land application is used.*
1. No water will be used.
 2. All disturbances will be re-seeded with US Forest approved seed mixtures at the end of the 30 day dig.
 3. NA
 4. NA
 5. NA

C. Solid Wastes. *Describe the quantity and the physical and chemical characteristics of solid waste produced by the operation. Describe how the wastes will be disposed of including location and design of facilities, or treated so as to minimize adverse impacts. We will follow "Leave no Trace" for the length of the operation and we will have a back packing toilet on site.*

D. Scenic Values. *Describe protection of scenic values such as screening, slash disposal, or timely reclamation. We will reclaim immediately after the one week project.*

- E. Fish and Wildlife.** *Describe measures to maintain and protect fisheries and wildlife, and their habitat (includes threatened, endangered, and sensitive species) affected by the operations.*

N/A

-
- F. Cultural Resources.** *Describe measures for protecting known historic and archeological values, or new sites in the project area. If cultural resources are encountered during the life of the project, ground disturbing work should cease in the immediate area and the POD archaeologist brought to the location to investigate the findings.*

G. Hazardous Substances.

1. *Identify the type and volume of all hazardous materials and toxic substances which will be used or generated in the operations including cyanide, solvents, petroleum products, mill, process and laboratory reagents.*
No hazardous substances will be used or stored on site.

We will have the track hoe delivered with fuel and we plan to only use that fuel only as this is a short term project. If additional fuel is needed we will have the equipment rental company deliver fuel for immediate re-fueling of the track hoe.

-
2. *For each material or substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles), procedures for use of materials or substances, methods, volume, and containers for disposal of materials and substances, security (fencing), identification (signing/labeling), or other special operations requirements necessary to conduct the proposed operations.*

If a fuel/oil spill occurs on-site all contaminated soils will be removed and disposed off off National Forest land.

-
3. *Describe the measures to be taken for release of a reportable quantity of a hazardous material or the release of a toxic substance. This includes plans for spill prevention, containment, notification, and cleanup.*
No fuels or oils will be stored on site.
-

- H. **Reclamation.** Describe the annual and final reclamation standards based on the anticipated schedule for construction, operations, and project closure. Include such items as the removal of structures and facilities including bridges and culverts, a revegetation plan, permanent containment of mine tailings, waste, or sludges which pose a threat of a release into the environment, closing ponds and eliminating standing water, a final surface shaping plan, and post operations monitoring and maintenance plans.

All disturbed areas will be back-filled, re-contoured to match existing grade and re-seeded with US Forest approved seed mixtures at the end of the one week project period.

We will monitor the reclamation area for at least one year to ensure 70% regrowth is achieved.

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

- A. Required changes/modifications/special mitigation for plan of operations:

- Paul G. Fisher*
- B. **Bond.** Reclamation of all disturbances connected with this plan of operations is covered by Reclamation Performance Bond No. AB0212W900011, dated (mm/dd/yy) 01/22/09, signed by Paul G. Fisher (Principal) and _____ (Surety), for the penal sum of 1272.00. This Reclamation Performance Bond is a guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations. This Reclamation Performance Bond also extends to and includes any unauthorized activities conducted in connection with this operation.

The bond amount for this Reclamation Performance Bond was based on a bond calculation worksheet. The bond amount may be adjusted during the term of this proposed plan of operations in response to changes in the operations or to changes in the economy. Both the Reclamation Performance Bond and the bond calculation worksheet are attached to and made part of this plan of operations. Acceptable bond securities (subject to change) include:

1. Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or
2. Certified or cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond.

VII. TERMS AND CONDITIONS

- A. If a bond is required, it must be furnished before approval of the plan of operations.
- B. Information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules, and regulations.
- C. Approval of this plan does not constitute certification of ownership to any person named herein and/or recognition of the validity of any mining claim named herein.
- D. Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.
- E. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800 have been complied with.
- F. This plan of operations has been approved for a period of 1 season or until (mm/dd/yy) 10/31/16. A new or revised plan must be submitted in accordance with 36 CFR part 228, subpart A, if operations are to be continued after that time period.

VIII. OPERATING PLAN ACCEPTANCE

☒ ☐ We have reviewed and agreed to comply with all conditions in this plan of operations including the required changes, modifications, special mitigation, and reclamation requirements.

☒ ☐ We understand that the bond will not be released until the Authorized Officer in charge gives written approval.

Paul Seft
Signature of ☒ Operator (or ☐ Authorized Representative)

01/29/16
(Date)
(mm/dd/yy)

IX. OPERATING PLAN APPROVAL

Joshua S Voorhis
(Name)

District Ranger
(Title)

Joshua S Voorhis
Signature of (Authorized Officer)

3/8/2016
(Date)
(mm/dd/yy)

Burden and Non-Discrimination Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0022. The time required to complete this information collection is estimated to average 12 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

DESIGN CRITERIA

Forest Service wildlife biologist, aquatic biologist, botanist, hydrologist, archaeologist, fuels and fire specialist, and geologist have reviewed the proposed project. Measures necessary to protect threatened or endangered species, Region 2 sensitive species, their habitat, or potential habitat from the effects of the proposed management actions are addressed through the development of project design criteria. Design criteria are intended to minimize the project's effects to the environment. The FS has created the following design criteria that will be required of the Operator to be incorporated into the final MPO prior to MPO approval. Specific design criteria include:

ADMINISTRATIVE

- The operator will establish a reclamation bond or acceptable surety as a guarantee of faithful performance with the terms and conditions identified in the reclamation requirements (36 CFR 228.13). Bond calculations will be based on local and Davis-Bacon wage and equipment rates. Bonds will be updated as necessary throughout the life of the project to reflect the actual cost of reclamation.
- Upon completion of the project, a partial bond can be refunded withholding funds for re-vegetation, monitoring, and portions of indirect costs for a minimum of three (3) years pending attainment of acceptable ground cover as determined by the Authorized Officer.
- If the design or location of this project changes in ways that differ from the approved MP, the project work will stop, and the PSICC Geologist will be notified immediately. The new information will be evaluated prior to the recommencement of work, which may require additional analyses under the National Environmental Policy Act (NEPA).
- The operator will contact the FS prior to the start of operations, during operations if operating conditions or requirements deviate from those analyzed, and once operations have been completed, to schedule a visit to the site as a final inspection of the operations.
- All project-related materials and trash, including flagging, fencing, stakes, sample bags, and other items, must be removed from the site after project completion.
- This plan has been approved for a period of 1 season, or until October 31, 2016.

FIRE PREVENTION

- All internal combustion engines including but not limited to generators, mechanized mining equipment and power tools, must be fitted with an approved spark arresting device.

CAMPING

- Overnight stays and leaving vehicles on the Forest are limited to a maximum of 14 consecutive days and no more than 28 days in a 60 day continuous period.

- Forest Service Motor Vehicle Use Map (MVUM) related regulations require vehicles to park only in areas immediately adjacent to National Forest System roads.
- All foodstuffs will be properly contained and located to minimize conflicts with wildlife, especially bears. Food items should be stored in a bear proof container away from any tenting or camping sites.
- All trash and garbage will be removed from National Forest Lands.
- Human waste shall be removed from National Forest Lands.

OPERATIONS

- Equipment must be in good working order and not leak fluids onto ground.
- Inoperable or broken equipment must be immediately removed from Forest Service lands.
- Operator must have all applicable Federal, local, and State permits in place prior to operating.

ROADS

- Motorized off-road travel is prohibited with the exception of prospecting, mining and reclamation equipment.

WEED PREVENTION

- Ensure all equipment and tools moved onto National Forest System lands are free of soil, seeds, vegetative matter, or other debris that could contain or hold noxious weed seed.
- The operator will coordinate with FS personnel to ensure that inspections are performed.

VEGETATION

- Minimal vegetation clearing will occur. When clearing vegetation, straight clearing limits are voided; a natural appearance is maintained. Natural features such as large boulders, rock outcrops, and significant vegetation will remain intact, unless otherwise approved by the South Park District Ranger.
- Topsoil will be removed and stockpiled on site for use in reclamation.

HAZARDOUS MATERIALS

- The operator will ensure that all employees involved in the use, storage, transportation, and disposal of hazardous materials receive proper training to reduce the risk of an incident on NFS lands.
- The operator will manage the use, storage, discharge, or disposal of pollutants and hazardous or toxic substances generated in compliance with applicable regulations and requirements.

WATER QUALITY

- If excessive gullying or rilling occurs downhill from excavations, erosion control measures such as straw wattles or contour berms may be necessary to protect water quality.
- Operator will comply with applicable Federal and State water quality standards, including regulations pursuant to the Federal Water Pollution Control Act, as amended (33 USC 1151 et seq.).
- Operator will comply with National Best Management Practices for Water Quality Management on National Forest System Lands. This includes providing silt fences, wattles, and straw bales as necessary.

http://www.fs.fed.us/biology/resources/pubs/watershed/FS_National_Core_BMPs_April2012.pdf

CULTURAL

- If a previously unknown archaeological site is discovered by either the operator or the Forest Service, mining operations will stop immediately until the site is evaluated by the Forest Service Archaeologist, and any needed mitigation measures are developed.

WILDLIFE

- If any new nesting/denning sites for threatened, endangered, or Forest Service sensitive species are observed during implementation, it will be reported immediately to the wildlife Biologist and appropriate protection measures will be implemented.
- Design criteria mentioned above for noise, weed prevention, vegetation and water quality all coincide with protection of wildlife habitat.

RECLAMATION

The operator'(s) agree to complete the following reclamation measures:

- Within the one year expiration of this authorization, the operator will commence final reclamation.
- Remove all materials and return the mining area to the original natural contours. This includes all excavation cuts.
- Silt fences or other erosion control will be utilized to prevent off-site sediment transport.
- Reclamation will be monitored by the operator, USFS personnel, and State of Colorado (DRMS) inspectors on an as needed basis.
- The road and site will be seeded with USFS-approved seed mixtures, as needed. Re-vegetation will not be complete until at least 50 percent plant re-growth has been established; when compared to adjacent undisturbed areas.
- Top soil must be saved and used to cover all disturbed areas.
- Return large rocks, boulders, and logs to their original position.
- The U.S. Forest Service may require additional reclamation measures if needed.
- Earth work- which includes: re-contouring and smoothing all disturbed areas. Earth work will not be considered complete if the surface is rough, no rough piles higher than 12 inches may be left.
- Remove all trash off of Forest Service Lands.
- Remove all structures (fences, signs) from Forest Service Lands with the exception of pre-existing structures.

- Complete all reclamation within one year of the end of the operating plan.
- Refund of any reclamation bond is contingent upon the success of reclamation.

MONITORING

- The Forest Service will monitor and assess the progress of reclamation activities, including re-vegetation and erosion control, for a minimum of three years. Dependent on the success of the second phase of reclamation, additional seeding, weed treatment, or installation of erosion control structures may occur.

THE FOLLOWING STANDARD TERMS AND CONDITIONS ARE TAKEN FROM FOREST SERVICE FORM FS -2800-5 AND ARE REQUIRED FOR THIS PLAN OF OPERATIONS:

- Information provided within this plan that is marked confidential will be treated in accordance with the agency's laws, rules, and regulations.
- Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.
- Approval of this plan does not constitute recognition or certification of ownership to any person named as owner herein.
- Approval of this operating plan does not constitute, now or in the future, recognition or certification of the validity of any mining claim to which it may relate or to the mineral character of the land on which it lies.