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SURFACE MINING AND RECLAMATION ACT OF 1975
ARTICLE 1. GENERAL PROVISIONS. SECTION 2710 et seq.
ARTICLE 2. DEFINITIONS. SECTION 2725 et seq.
ARTICLE 3. DISTRICT COMMITTEES. SECTION 2740 - 2741.
ARTICLE 4. STATE POLICY FOR THE RECLAMATION OF MINED LANDS. SECTION 2755 et seq.
ARTICLE 5. RECLAMATION PLANS AND THE CONDUCT OF SURFACE MINING OPERATIONS.
SECTION 2770 et seq., as amended.

CCR TITLE 14 (REGISTER 85, NO. 18-5-4-85)
CHAPTER 8. MINING AND GEOLOGY
SUBCHAPTER 1. STATE MINING AND GEOLOGY BOARD
ARTICLE 1. SURFACE MINING AND RECLAMATION PRACTICE. SECTION 3500 et seq.
ARTICLE 9. RECLAMATION STANDARDS. SECTION 3700 et seq.

PROJECT Golden Girl Placer Mine (08-021)
SCH#/CUP# N/A LEAD AGENCY Nevada County
CHECKLIST BY: J. Hankins DATE 9/2/08 updated 6/27/05 by LGM

YES NO ? N/A

Mining Operation and Closure

<input checked="" type="checkbox"/>	SMARA 2770.5	100-year flood, Caltrans contact.
<input checked="" type="checkbox"/>	SMARA 2772(c)(1)	Name and address of operator/agent.
<input type="checkbox"/>	SMARA 2772(c)(2)	Quantity & type of minerals to be mined. <i>discrepancies b/w RP + project description</i>
<input checked="" type="checkbox"/>	SMARA 2772(c)(3)	Initiation and termination date.
<input checked="" type="checkbox"/>	SMARA 2772(c)(4)	Maximum anticipated depth of mining.
<input checked="" type="checkbox"/>	SMARA 2772(c)(5)	Size, legal description, including map with boundaries, topography, geology, streams, channel cross-sections, topsoil stockpiles, roads, equipment storage, RR, utilities within or adjacent to mine.
<input checked="" type="checkbox"/>	SMARA 2772(c)(6)	Mining plan and time schedule that provides for completion of mining on each segment so that reclamation can be concurrent or phased ASAP.
<input checked="" type="checkbox"/>	SMARA 2772(c)(9)	Impact of reclamation on future mining.
<input checked="" type="checkbox"/>	CCR 3502(b)(2)	Public health and safety (exposure). <i>Address E&T concerns, downstream resources, adjacent properties, etc.</i>
<input type="checkbox"/>	CCR 3713(b)	All portals, shafts, tunnels, or openings, gated or protected from public entry , but preserve access for wildlife.
<input checked="" type="checkbox"/>	CCR 3502(b)(5)	Disposition of old equipment.
<input checked="" type="checkbox"/>	CCR 3709(a)	Equipment stored in designated area and waste disposed of according to ordinance.
<input checked="" type="checkbox"/>	CCR 3709(b)	Structures and equipment dismantled and removed.
<input checked="" type="checkbox"/>	CCR 3713(a)	Drill holes, water wells, monitoring wells completed or abandoned in accordance with laws.

YES NO ? N/A

SMARA 2772(c)(7)

End Land Use

Description of proposed subsequent use or potential use.

SMARA 2772(c)(8)

Description of reclamation measures adequate for proposed end use. *need more details.*

CCR 3707(a)

Return prime ag to prime ag, unless exempted.

CCR 3707(c)

Productivity rates equal pre-project or similar site for two consecutive years. Rates set forth in plan.

CCR 3708

Other ag capable of sustaining crops common to area.

Geotechnical Requirements

CCR 3502(b)(3)

Final slopes: consider physical properties and landscaping. Stability analysis for final slopes that approach critical gradient.

CCR 3704(f)

Final cut slopes have minimum factor of safety for end use and conform with surrounding topography

? CCR 3502(b)(4)

Disposition of fill materials considered. Foundation fills for end use in conformance with current engineering technology.

CCR 3704(a)

For urban use, fill compacted in accordance with UBC, local grading ordinance, or other methods approved by the lead agency.

CCR 3704(b)

For resource conservation, compact to standard for that end use.

CCR 3704(d)

Final reclamation fill slopes not exceed 2:1, except when allowed by site-specific engineering analysis, and can be revegetated.

CCR 3704(e)

At closure, final landforms of fills conform with surrounding topography or end use *Address BLM property line fall off*

Hydrology and Water Quality *Need more detail about protection measures.*

CCR 3710(a)

Surface and groundwater protected in accordance with Porter-Cologne and Clean Water Acts (RWQCB/SWRCB).

CCR 3706(b)

Water quality, recharge, and groundwater storage that is accessed by others shall not be diminished, except as allowed by plan.

CCR 3503(b)(2)

Substantially prevent siltation of groundwater recharge areas.

YES NO ? N/A

SMARA 2773(a)

Need more specifics. Get input from RWQCB. Include plan.
↓
Site-specific sediment and erosion control criteria for monitoring compliance with approved reclamation plan.

CCR 3503(a)(3)

Erosion control facilities constructed and maintained where necessary.

CCR 3503(b)(1)

Settling ponds used where they will provide significant benefit to water quality.

CCR 3503(e)

Grading and revegetation to minimize erosion and convey surface runoff to natural drainage courses or interior basins. Spillway protection.

CCR 3706(c)

Erosion and sedimentation controlled during all phases of construction, operation, reclamation, and closure of surface mining operation to minimize siltation of lakes and water courses per RWQCB/SWRCB.

CCR 3706(d)

Surface runoff and drainage controlled to protect surrounding land and water resources. Erosion control methods designed for not less than 20 year/1 hour intensity storm event.

CCR 3706(e)

Altered drainages shall not cause increased erosion or sedimentation.

SMARA 2773(a)

Sediment and erosion control monitoring plan specific to property.

SMARA 2772(c)(8)(A)

Description of contaminant control and mine waste disposal.

CCR 3503(d)

Disposal of mine waste and overburden shall be stable and not restrict natural drainage without suitable provisions for diversion.

CCR 3503(a)(2)

Overburden stockpiles managed to minimize water and wind erosion.

CCR 3712

Mine waste and tailings, and mine waste disposal units governed by SWRCB/IWMB (Article 1, Subchapter 1, Chapter 7, Title 27, CCR).

CCR 3710(b)

In-stream mining conducted in accordance with Fish and Game Code Section 1600 et seq, Section 404 of the Clean Water Act,, and Section 10 of the Rivers and Harbors Act of 1899.

SMARA 2772(c)(8)(B)

Rehabilitation of streambanks/beds to minimize erosion.

CCR 3502(b)(6)

Temporary stream and water diversions shown.

CCR 3710(c)

In-stream channel elevations and bank erosion evaluated annually using extraction quantities, cross-sections, aerial photos.

CCR 3706(a)

Mining and reclamation to protect downstream beneficial uses.

CCR 3706(f)(1)

Stream diversions constructed in accordance with Fish and Game Code

CCR 3706(f)(2)

Stream diversions constructed in accordance with Federal Clean Water Act and Rivers and Harbors Act of 1899.

CCR 3706(g)

All temporary stream diversions eventually removed.

YES NO ? N/A

Environmental Setting and Protection of Fish and Wildlife Habitat

✓

CCR 3502(b)(1)

Environmental setting and impact of reclamation on surrounding land uses. (Identify sensitive species, wildlife habitat, sensitive natural communities, e.g. wetlands, riparian zones, etc.)

✓

CCR 3705(a)

Vegetative cover, suitable to end use, self-sustaining. Baseline studies documenting cover, density and species richness. *bio inventory doesn't incl. specific*

✓

CCR 3503(c)

Protection of fish and wildlife habitat (all reasonable measures). *Wetlands in project area should be IDED on plan*

✓

CCR 3703(a)

Sensitive species conserved or mitigated.

✓

CCR 3703(b)

Wildlife habitat at least as good as pre-project, if approved end use is habitat

?

CCR 3703(c)

Wetlands avoided or mitigated at 1:1 minimum.

?

CCR 3704(g)

Piles or dumps not placed in wetlands without mitigation.

✓

CCR 3710(d)

In-stream mining not cause fish to be trapped in pools or off-channel pits, or restrict migratory or spawning activities.

?

CCR 3713(b)

All portals, shafts, tunnels, or openings, gated or protected from public entry, but **preserve access for wildlife.**

Resoiling and Revegetation

?

CCR 3503(f)

Resoiling (fine material on top plus mulches).

✓

CCR 3704(c)

Mine waste stockpiled to facilitate phased reclamation and separate from growth media.

✓

CCR 3711(a)

All salvageable topsoil removed. Topsoil and vegetation removal not proceed mining by more than one year.

✓

CCR 3711(b)

Topsoil resources mapped prior to stripping, location of stockpiles on map. Topsoil and growth media in separate stockpiles.

✓

CCR 3711(c)

Soil salvage and phases set forth in plan, minimize disturbance, designed to achieve reveg success.

✓

CCR 3711(d)

Topsoiling phased ASAP. Topsoil stockpiles not be disturbed until needed. Topsoil stockpiles clearly identified and planted with vegetation or otherwise protected.

✓

CCR 3711(e)

Topsoil redistributed in stable site and consistent thickness.

?

CCR 3707(b)

Segregate and replace topsoil by horizon.

✓

CCR 3705(e)

Soil altered or other than native topsoil, requires soil analysis. Amend if necessary.

✓

CCR 3707(d)

Fertilizers and amendments not contaminate water.

YES NO ? N/A

<input checked="" type="checkbox"/>	SMARA 2773(a)	Revegetation plan specific to property. Monitoring plan.
<input checked="" type="checkbox"/>	CCR 3503(a)(1)	Removal of vegetation and overburden preceding mining kept to a minimum.
<input checked="" type="checkbox"/>	CCR 3503(g)	Revegetation and plant survival (use available research).
<input checked="" type="checkbox"/>	CCR 3705(a)	Vegetative cover, suitable to end use, self-sustaining. Baseline studies documenting cover, density and species richness.
<input checked="" type="checkbox"/>	CCR 3705(b)	Test plots if success has not been proven previously.
<input checked="" type="checkbox"/>	CCR 3705(c)	Decompaction of site.
<input checked="" type="checkbox"/>	CCR 3705(d)	Roads stripped of roadbase materials, resoiled and revegetated, unless exempted.
<input checked="" type="checkbox"/>	CCR 3705(f)	Temporary access not bladed. Barriers installed.
<input checked="" type="checkbox"/>	CCR 3705(g)	Use native plant species, unless exotic species meet end use.
<input checked="" type="checkbox"/>	CCR 3705(h)	Plant during correct season.
<input checked="" type="checkbox"/>	CCR 3705(i)	Use soil stabilizing practices and irrigation, when necessary to establish vegetation.
<input type="checkbox"/>	CCR 3705(j)	If irrigated, demonstrate self-sustaining without for two year minimum.
<input checked="" type="checkbox"/>	CCR 3705(k)	Weeds managed.
<input checked="" type="checkbox"/>	CCR 3705(l)	Plant protection measures, fencing, caging.
<input checked="" type="checkbox"/>	CCR 3705(m)	Success quantified by cover, density and species-richness. Standards proposed in plan. Sample method set forth in plan and sample size provide 80 percent confidence level, as minimum.

Administrative Requirements

<input checked="" type="checkbox"/>	SMARA 2772(c)(10)	Applicant statement accepting responsibility for reclamation per the reclamation plan.
<input checked="" type="checkbox"/>	SMARA 2773.1	Performance (financial) assurances.
<input checked="" type="checkbox"/>	SMARA 2774(b)	Annual inspection.
<input checked="" type="checkbox"/>	SMARA 2776	All mining operations since 1/1/76 included in reclamation plan.
<input type="checkbox"/>	SMARA 2777	Amended reclamation plans required prior to substantial deviations to approved plans.

Public Resources Code

<input checked="" type="checkbox"/>	21151.7	EIR required for cyanide heap leaching.
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