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PLANNING COMMISSION MEETING
February 1, 2022

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LASSEN COUNTY PLANNING COMMISSION
INTERIM MANAGEMENT PLAN #1999-102 STAFF REPORT
February 1, 2022

FILE NUMBER:	IMP-1999-102
PROPERTY OWNER:	Sierra Pacific Industries (SPI)
OPERATOR:	SPI
TYPE OF APPLICATION:	Interim Management Plan
GENERAL LOCATION:	Located on the northeast side of Hwy 44, one mile north of McCoy Flat Reservoir
ASSESSOR'S PARCEL NUMBER:	087-130-005-000
PROJECT SITE ZONING:	T-P-Z (Timber Production Zone)
GENERAL PLAN:	Extensive Agriculture
ENVIRONMENTAL DOCUMENT:	(See Discussion)
ASSIGNED STAFF:	Cortney Flather, Natural Resources Technician

AUTHORITY FOR APPLICATION:

Public Resources Code, Section 2770(h) and 2727.1

Lassen County Code, Section 9.60.120 Interim management plans.
(Included)

REGULATING AGENCIES: Regulatory authority for the proposed use includes, but is not limited to the following agencies:

<u>Agency</u>	<u>Required Permits / Approvals/Review</u>
Lassen County Planning Commission	Interim Management Plan approval
California Department of Conservation, Division of Mine Reclamation	Interim Management Plan review

PROJECT DESCRIPTION: Proposal for an Interim Management Plan (IMP) to allow for a temporary plan of mining operations to be in effect during idle production periods, when operations are reduced by more than 90 percent of maximum production over the last five years. The proposed IMP is considered a minor amendment to approved Reclamation Plan #1999-102 and must address the requirements of Lassen County Code, Section 9.60.120 and Public Resources Code, Section 2770(h). An approved IMP may remain in effect for a period not to exceed five years, with two additional five-year extensions available at the request of the applicant. IMPs are not subject to the California Environmental Quality Act (CEQA), as they are not considered a “project” as defined by Section 15378 of the CEQA Guidelines and SMARA, Section 2770(h)(1). The surface mining operation is situated on approximately 12 acres of a 597.7-acre parcel, owned by Sierra Pacific Land and Timber Company. Located on the northeast side of Hwy 44, one mile north of McCoy Flat Reservoir. (Portion of SW¼ SW¼ & N½ NE¼; SW¼ NE¼; N½ SE¼; SE¼ SE¼; and W½ Sec. 27 and 34, Township 31 N, Range 9 E, MDB&M).

GENERAL PLAN AND ZONING: The existing mine site is zoned T-P-Z (Timber Production Zone) and is designated Extensive Agriculture by the *Lassen County General Plan 2000*.

DISCUSSION: On April 5, 2000, the Lassen County Planning Commission approved Reclamation Plan and Use Permit #1999-102. The approved Reclamation Plan allowed for an expansion of an existing cinder quarry and processing facility from 7 acres to 13 acres on a portion of a parcel totaling 597.7 acres.

The mining operation currently occupies 12 acres and is in compliance with the Surface Mining and Reclamation Act (SMARA), including requirements of the approved Reclamation Plan and Use Permit. The mining operation has a financial assurance mechanism (FAM), held by Lassen County, sufficient to cover the most recent financial assurance cost estimate (FACE).

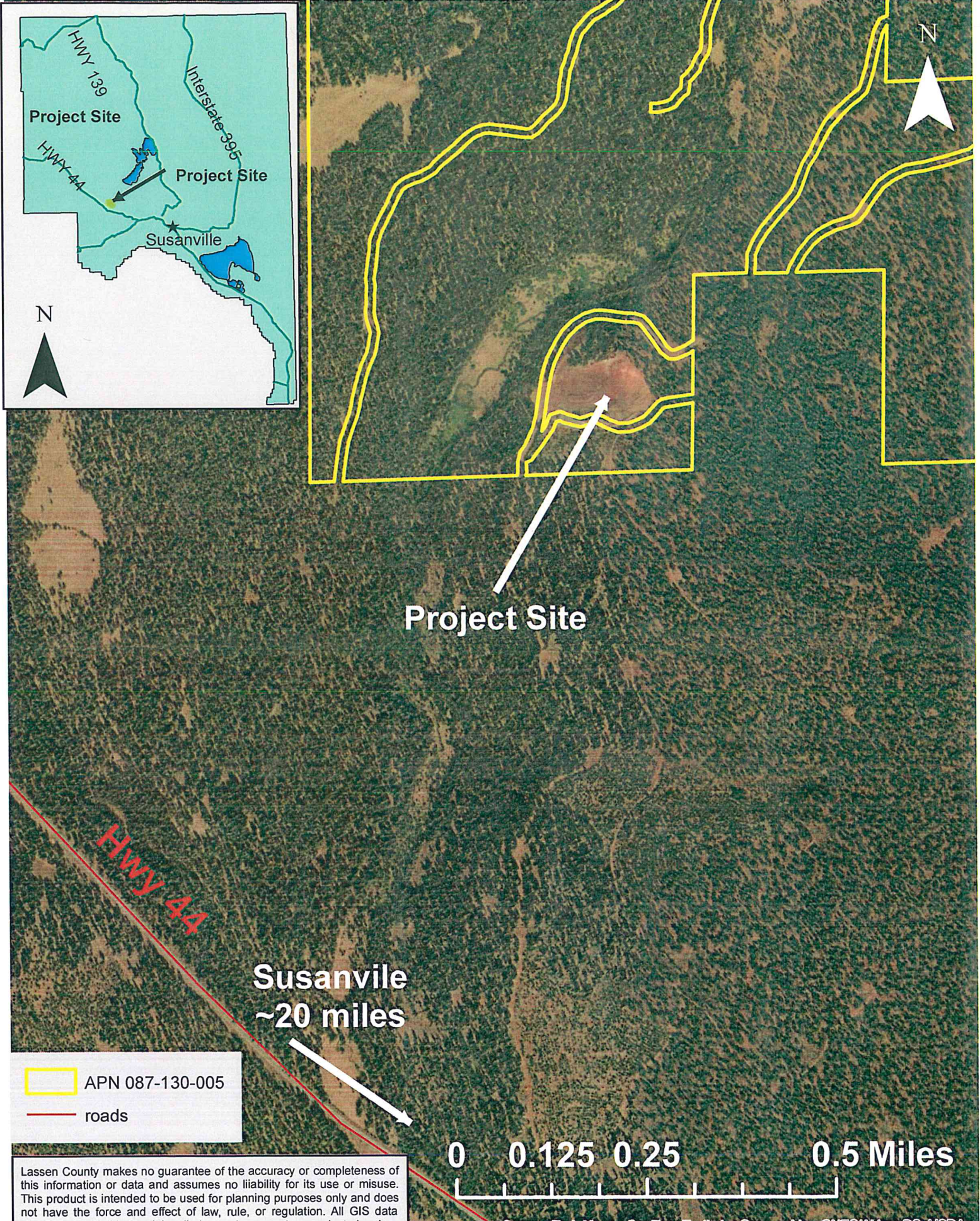
ENVIRONMENTAL DOCUMENT: IMPs are not subject to the California Environmental Quality Act (CEQA) as they are not considered a “project” as defined by Section 15378 of the Guidelines and SMARA, Section 2770(h)(1).

DEPARTMENT OF CONSERVATION: The proposed IMP was forwarded to the State of California Department of Conservation, Division of Mine Reclamation (DMR) on November 2, 2021 for review, as required by PRC, Section 2774. Comments were received on December 1, 2021. Lassen County responded to these comments on December 9, 2021 and revisions have been made to address those comments.

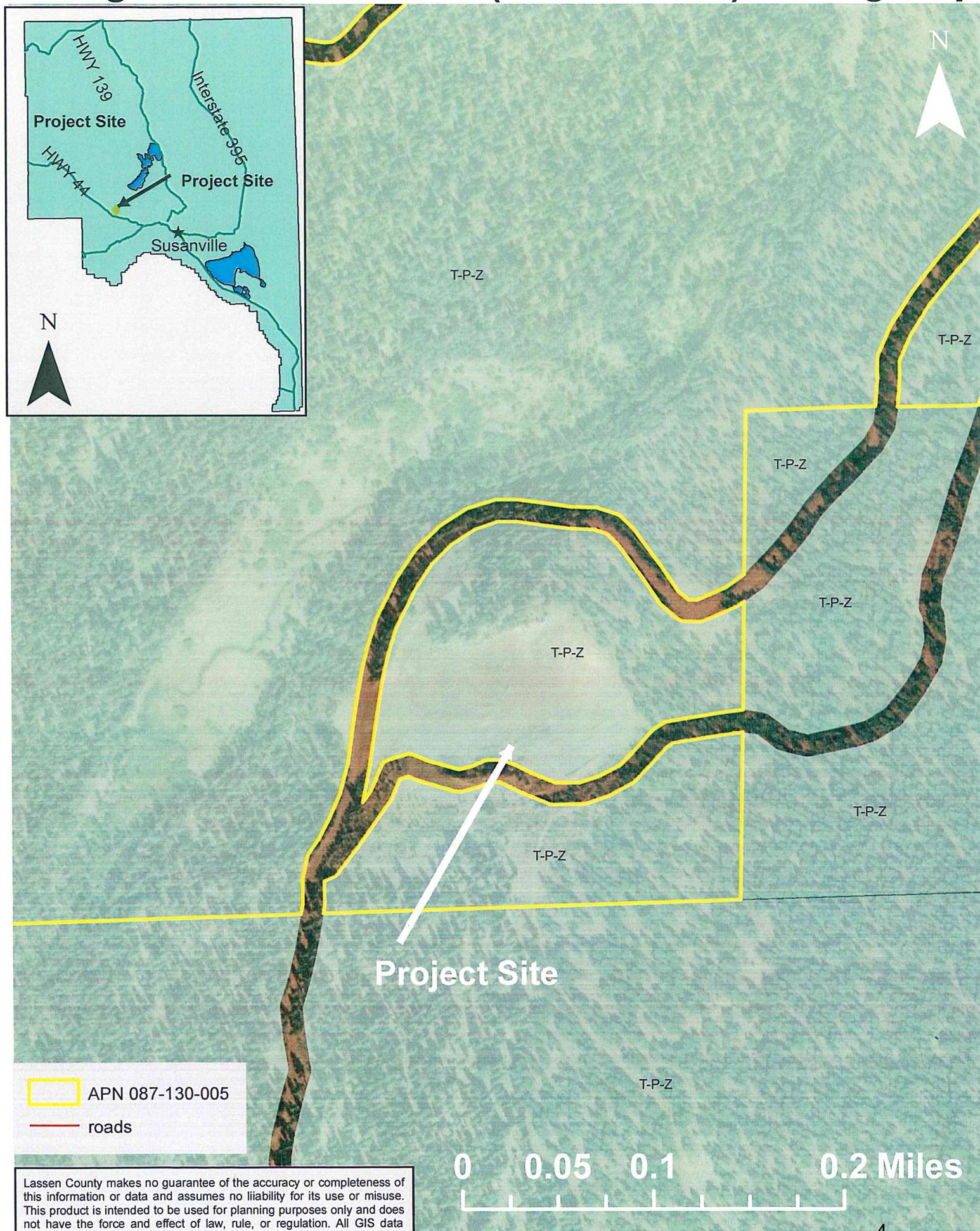
STAFF RECOMMENDATION: Staff has reviewed enclosed IMP #1999-102 and has found that it meets Lassen County Code, Section 9.60.120 and Public Resources Code, Section 2770(h) and 2727.1, and is in compliance with approved Reclamation Plan #1999-102.

Staff recommends that the Planning Commission adopt a resolution approving Interim Management Plan #1999-102, which is considered a minor amendment to the approved Reclamation Plan #1999-102.

Bridge Creek Cinder Pit (#91-18-0045) Vicinity Map



Bridge Creek Cinder Pit (#91-18-0045) Zoning Map



December 20, 2021

TO: Technical Advisory Committee
Agenda Date: January 6, 2021

FROM: Maurice L. Anderson, Director

RE: Amendment to Reclamation Plan #1999-102
CA Mine ID # 91-18-0045, Bridge Creek Cinder Pit

Project Description

INTERIM MANAGEMENT PLAN #1999-102, Sierra Pacific Industries. Proposal for an Interim Management Plan (IMP) to allow for a temporary plan of mining operations to be in effect during idle production periods, when operations are reduced by more than 90 percent of maximum production over the last five years. The proposed IMP is considered a minor amendment to approved Reclamation Plan #1999-102 and must address the requirements of Lassen County Code, Section 9.60.120 and Public Resources Code, Section 2770(h). An approved IMP may remain in effect for a period not to exceed five years, with two additional five-year extensions available at the request of the applicant. IMPs are not subject to the California Environmental Quality Act (CEQA), as they are not considered a “project” as defined by Section 15378 of the CEQA Guidelines and SMARA, Section 2770(h)(1). The surface mining operation is situated on approximately 12 acres of a 597.7-acre parcel, owned by Sierra Pacific Land and Timber Company. The subject parcel is zoned T-P-Z (Timber Production Zone) and is designated Extensive Agriculture by the Lassen County General Plan 2000. The parcel is located approximately one mile north of Hwy 44 in Lassen County, 20 miles west-northwest of Susanville. A.P.N. 087-130-005-000. Staff Contact: Cortney Flather, Natural Resources Technician.

The Lassen County Department of Planning and Building Services finds as follows:

1. An Interim Management Plan (IMP) is required by the Surface Mining and Reclamation Act (SMARA), outlined by PRC, Sections 2710-2796, when a mining operation is “Idle.”
 - a) "Idle" means that an operator of a surface mining operation has curtailed production at the surface mining operation, with the intent to resume the surface mining operation at a future date, for a period of one year or more by more than 90 percent of its maximum annual mineral production within any of the last five years during which an interim management plan has not been approved (PRC, Sec. 2727.1).
 - (b) Within 90 days of a surface mining operation becoming idle, as defined in Section 2727.1, the operator shall submit to the lead agency (planning department) for review and approval, an interim management plan (PRC, Sec. 2770(h)).

- (c) The interim management plan shall be processed as an amendment to the reclamation plan and shall not be considered a project for the purposes of environmental review (PRC, Sec. 2770(h)).
 - (d) The interim management plan shall fully comply with the requirements of SMARA, PRC, Section 2770(h) and shall provide measures the operator will implement to maintain the site in compliance with SMARA, including, but not limited to, all conditions of the use permit and/or reclamation plan.
 - (e) Financial assurances required by Section 2773.1 shall remain in effect during the period that the surface mining operation is idle. If the surface mining operation is still idle after the expiration of its interim management plan, it shall commence reclamation in accordance with its approved reclamation plan (PRC, Sec. 2770(h)).
 - (f) When approved, an interim management plan may remain in effect for a period not to exceed five years, at which time the planning commission may renew the plan for another period not to exceed five years or require the surface mining operator to commence reclamation in accordance with its approved reclamation plan (PRC, Sec. 2770(h)).
2. Review of an IMP by the county's technical advisory committee (TAC) is considered appropriate, as TAC is charged with the review of reclamation plans pursuant to Lassen County Code Chapter 9.60.060(c) and an IMP shall be processed as an amendment to the approved reclamation plan pursuant to Chapter 9.60.120. Additionally, Chapter 9.60.040 requires that minor amendments be processed pursuant to Chapter 18.112, which calls for review of an amendment by TAC.
 3. The Lassen County Planning Commission approved the original Reclamation Plan #1999-102 on April 5th, 2000.
 4. The Department of Planning and Building Services reviewed the proposed IMP and has found that it meets PRC, Section 2770(h) and Lassen County Code, Section 9.60.120.
 5. The proposed IMP was forwarded to the State of California Department of Conservation, Division of Mine Reclamation (DMR) on November 2, 2021 for review, as required by PRC, Section 2774. Comments were received on December 1, 2021. Revisions have been made to address those comments.
 6. Pursuant to SMARA, PRC, Section 2770(h)(1), IMPs are not subject to the California Environmental Quality Act (CEQA) as they are not considered a "project" as defined by Section 15378 of the CEQA Guidelines.
 8. The project, with the addition of the proposed conditions, adequately addresses site maintenance and management of environmental conditions, as required by Reclamation Plan #1999-102 and the Surface Mining and Reclamation Act.

Conditions recommended by the Lassen County Department of Planning and Building Services are as follows:

1. The site shall be monitored by the operator annually, at minimum, for signs of erosion, presence of noxious weeds, security and safety of the site, and any/all other condition issues identified by the operator or lead agency.



County of Lassen
Department of Planning and Building Services

• Planning • Building Permits • Code Enforcement • Surveyor • Housing Rehab • Grants and Loans • Surface Mining

Maurice L. Anderson, *Director*
707 Nevada Street, Suite 5
Susanville, CA 96130-3912
Phone: 530 251-8269
Fax: 530 251-8373
email: landuse@co.lassen.ca.us
website: www.co.lassen.ca.us

November 2, 2021

Zoning & Building
Inspection Requests
Phone: 530 257-5263

Department of Conservation
Division of Mine Reclamation
801 K Street MS 09-06
Sacramento, CA 95814

Re: Interim Management Plan
CA Mine #91-18-0045

To whom it may concern:

Lassen County Department of Planning and Building Services received the attached Interim Management Plan (IMP) for the above referenced mine. This IMP is being forwarded to the Division of Mine Reclamation for review, in accordance with the Surface Mining and Reclamation Act (SMARA), PRC §2772.1.

The submitted IMP has been reviewed by the Lead Agency and has been found to comply with the applicable requirements of SMARA and Chapter 9.60 of Lassen County Code. It will be scheduled to go before the Lassen County Planning Commission on January 4, 2022.

If you have any questions, please contact Cortney Flather, Natural Resource Technician at (530) 251-8271.

Sincerely,

 Maurice L. Anderson
Director

MLA:clf
Enclosure

cc: Steve DeBonis, Sierra Pacific Industries

S:\PLA\Planning\2021\IMP #1999-102, Sierra Pacific Industries



California
Department of Conservation
 Division of Mine Reclamation

Gavin Newsom, Governor
 David Shabazian, Director

December 1, 2021

Ms. Cortney Flather
 County of Lassen
 Department of Planning & Building Services
 707 Nevada Street, Ste 5
 Susanville, CA 96130-3912

RECEIVED

Sent electronically to: cflather@co.lassen.ca.us

DEC 01 2021

INTERIM MANAGMENT PLAN
 BRIDGE CREEK CINDER PIT
 CA MINE ID #91-18-0045

LASSEN COUNTY DEPARTMENT OF
 PLANNING AND BUILDING SERVICES

Dear Ms. Flather:

The Department of Conservation's Division of Mine Reclamation (Division) received an Interim Management Plan (IMP) for the Bridge Creek Cinder Pit (Mine) on November 2, 2021 from Lassen County (County). The County is the lead agency under the Surface Mining and Reclamation Act of 1975 (SMARA; Public Resources Code [PRC] Section 2710 et seq.). The County submitted a request for an IMP pursuant to PRC Section 2770(h)(2)(A). The Mine is owned by Sierra Pacific Industries (SPI) who acquired the Mine as part of a larger acquisition. The Mine became inactive on September 14, 2020. SPI intends to find a qualified Operator to return the mine to active status.

Pursuant to PRC Section 2770(h)(1), the IMP "shall only provide for necessary measures the Operator will implement during its idle status to maintain the site in compliance with this chapter including, but not limited to, all permit conditions." Division staff reviewed the Mine's administrative files, including but not limited to the following documents:

October 29, 2021	IMP
April 5, 2000	Use Permit #1999-102
April 5, 2000	Approved Reclamation Plan #12-01-90 (RP)
February 28, 2000	Mitigated Negative Declaration #1999-102 (MND)

The Division provides the following comments:

Ms. Courtney Flather
Bridge Creek Cinder Pit - IMP
December 1, 2021

Comment 1:

Use Permit Condition of Approval (COA) # 8 requires that, "Topsoil shall be stockpiled along the quarry perimeter as shown on the Site Plan (map 6 of 8) and protected from erosion." Additionally, the MND mitigation measure for erosion control requires that "Erosion and sediment controls shall be implemented by the Operator to minimize erosion, especially on salvaged topsoil stockpiles, and to prevent discharge of sediment from the site to Bridge Creek."

The Division is concerned that topsoil stockpile erosion may become an issue onsite. Pursuant to the COA #8, stockpiled topsoil must be protected from erosion. The IMP should be revised to include the erosion control method(s) and a plan to monitor and maintain the topsoil stockpiles in the interim while the mine is idle.

Comment 2:

The Use Permit COA #9 requires that, "The storm water berm shown on the Reclamation Plan Map 6 of 8, or equivalent storm water controls shall remain in place until revegetation standards have been met." The IMP does not mention the storm water berm and it is not visible in recent or historic aerial imagery.

The Division is concerned that erosion may be an issue onsite and that structures to reduce erosion (i.e., storm water berms, storm water controls) have not yet been installed. The operator needs to fulfil this RP requirement.

Comment 3:

The RP requires that a test plot "be constructed along an existing access road directly south of the quarry entrance." The test plot's overburden will be "removed to the necessary depth, which exposes uncontaminated cinder" and that topsoil shall "be redistributed on the test plot to a depth of 8 to 10 inches." This test plot "will consist of planting Ponderosa Pine saplings at approximately a 10'x 10' grid" measuring 40' by 40' square. The IMP does not mention monitoring and maintenance of this test plot, nor is it mentioned in lead agency Inspection Reports dating back to 2000.

It is not clear to the Division if the RP requirement of installing the test plot has been completed or if the IMP should be revised to include the need to monitor and maintain the test plot.

Ms. Courtney Flather
Bridge Creek Cinder Pit - IMP
December 1, 2021

Comment 4:

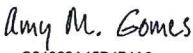
The IMP does not include a requirement to conduct monitoring and management of noxious weeds. The California Code of Regulations, Section 3705(k) requires that noxious weeds be managed "(1) when they threaten the success of the proposed revegetation; (2) to prevent spreading to nearby areas; and (3) to eliminate fire hazard." Maintaining the site from noxious weeds and weed pressure further supports the RP revegetation focus on Ponderosa Pine seedling establishment, reducing competition from grasses, forbs, or weeds so they will not compete with the seedlings for nutrients.

The Division recommends that the IMP be revised to include monitoring and control of noxious weeds onsite as needed.

Pursuant to PRC Section 2770(h)(4)(E) the County shall prepare a written response to the supervisor's comment. The County shall submit its response to the Supervisor and the Operator at least 30 days prior to the intended approval of the IMP and should follow the direction set forth in PRC Section 2770(h)(4)(E)(i-ii).

If you have any questions about this submittal or require any assistance with other mine reclamation issues, please contact Katherine Faulkenberry at (916) 639-9193. Please note that the Division receives electronic correspondences at DMR-Submittals@conservation.ca.gov.

Sincerely,

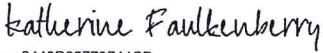
DocuSigned by:

CB4262A45B474A8...

Amy M. Gomes
Environmental Scientist
Environmental Services Unit

DocuSigned by:

512788529A2445E...

David Rader, P.G.
Manager
Engineering and Geology Unit

DocuSigned by:

3440D22773744CB...

Katherine Faulkenberry
Environmental Scientist
Environmental Services Unit

DocuSigned by:

10B2FB1E4F934E0...

Jacquelyn Moore
Engineering Geologist
Engineering and Geology Unit

ec: Mr. Steve DeBonis, Sierra Pacific Industries, sdebonis@spi-ind.com

Cortney Flather

From: Cortney Flather
Sent: Thursday, December 9, 2021 3:42 PM
To: DMR-Submittals@DOC
Cc: Faulkenberry, Katherine@DOC; Steve DeBonis
Subject: RE: Bridge Creek Cinder Pit (CA Mine ID# 91-18-0045) IMP Comments
Attachments: IMP_DMR comment_12.1.2021.pdf

Good afternoon,

Please see responses to DMR's comments regarding the Interim Management Plan (IMP) for the Bridge Creek Cinder Pit (#91-18-0045) below.

Comment 1: *The Division is concerned that topsoil stockpile erosion may become an issue onsite. Pursuant to the COA #8, stockpiled topsoil must be protected from erosion. The IMP should be revised to include the erosion control method(s) and a plan to monitor and maintain the topsoil stockpiles in the interim while the mine is idle.*

Response: There are no erosion issues associated with the topsoil stockpile around the southern perimeter of the mine site. It is vegetated with lodgepole pine and ponderosa pine saplings (see picture below). The operator will be asked to include this information in the IMP.



Topsoil stockpiled along the southern perimeter of the pit

Comment 2: *The Division is concerned that erosion may be an issue onsite and that structures to reduce erosion (i.e. storm water berms, storm water controls) have not yet been installed. The operator needs to fulfill this RP requirement.*

Response: COA #9 states: "The storm water berm shown on the Reclamation Plan Map 6 of 8, or equivalent storm water controls shall remain in place until revegetation standards are met.

Section b. **Erosion Control Plan** of the Interim Management application details methods currently in place on site that reduce erosion issues. Furthermore, the entrance to the pit is sloped inward and therefore, storm water would run east toward the bottom of the highwall rather than west toward the private logging road.

Comment 3: *It is not clear to the Division if the RP requirement of installing the test plot has been completed or if the IMP should be revised to include the need to monitor and maintain the test plot.*

Response: The Reclamation Plan states that: "The test plot will be constructed along an existing access road directly South of the quarry entrance, as shown on the Site Map. The test plot will be approximately 40' by 40' square. This test plot will have the overburden removed to the necessary depth, which exposes uncontaminated cinder. Topsoil will then be redistributed on the test plot to a depth of 8 to 10". This prepared test plot will then be planted in the spring as per discussion below in questions 32.B.5 through 32.8.7."

A test plot has not been located onsite; however, the Reclamation Plan nor the COAs state when the test plot shall be implemented. The operator will be asked to include information regarding when this requirement will be implemented.

Comment 4: *The Division recommends that the IMP be revised to include monitoring and control of noxious weeds onsite as needed.*

Response: There are some weeds onsite including common mullein (*Verbascum thapsus*). The operator will be asked to include information on how noxious weeds will be controlled onsite.

A revised Interim Management Plan will be submitted to DMR once the operator has made the appropriate changes.

Thank you,

Cortney Flather
Natural Resources Technician
Planning and Building Services
707 Nevada St. Suite 5
Susanville CA 96130
Phone: (530) 251-8271



From: Faulkenberry, Katherine@DOC <Katherine.Faulkenberry@conservation.ca.gov>
Sent: Wednesday, December 1, 2021 1:29 PM
To: Cortney Flather <CFlather@co.lassen.ca.us>
Cc: Gomes, Amy@DOC <Amy.Gomes@conservation.ca.gov>; Rader, David@DOC <David.Rader@conservation.ca.gov>; Moore, Jacquelynn@DOC <Jacquelynn.Moore@conservation.ca.gov>; Atkins, Carol@DOC <Carol.Atkins@conservation.ca.gov>
Subject: Bridge Creek Cinder Pit (CA Mine ID# 91-18-0045) IMP Comments

This message comes from an external sender. EXTERNAL SENDER WARNING!

RESOLUTION NO. _____

RESOLUTION OF THE LASSEN COUNTY PLANNING COMMISSION APPROVING INTERIM MANAGEMENT PLAN #1999-102, SIERRA PACIFIC INDUSTRIES, FOR APPROVED RECLAMATION PLAN #1999-102.

WHEREAS, the Planning Commission of Lassen County, after due notice and a public hearing held on February 1, 2022, has considered Interim Management Plan (IMP) #1999-102, as proposed by Sierra Pacific Industries for CA Mine ID #91-18-0045 (Bridge Creek Cinder Pit), to allow for a temporary reduction of mining operations during idle production periods; and

WHEREAS; the Planning Commission of Lassen County is responsible for the consideration and approval of the proposed IMP, which is considered a minor amendment to approved Reclamation Plan #1999-102 and must address the requirements of Lassen County Code, Section 9.60.120 and Public Resources Code (PRC), Section 2770(h); and

WHEREAS; an approved IMP may remain in effect for a five-year period, with two five-year extensions available at the request of the applicant; and

WHEREAS; the Environmental Review Officer for Lassen County, has determined that the proposed IMP is not subject to the California Environmental Quality Act (CEQA), because IMP's are not considered a "project" as defined by Division 13, Section 21065 of the CEQA guidelines.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The foregoing recitals are true and correct.
2. The Lassen County Planning Commission finds as follows:
 - a. The proposed project is consistent with Lassen County Code, Section 9.60.120 and PRC, Section 2770(h) and 2727.1.
 - b. The proposed project is consistent with Lassen County Code, Section 9.60.120 and PRC, Section 2770(h) and 2727.1.
3. The Planning Commission hereby adopts the findings and conditions made by the Technical Advisory Committee on January 6, 2022.
4. The Planning Commission hereby concurs with the Environmental Review Officer that the proposed IMP is not subject to CEQA, because it is not considered a "project" as defined by Division 13, Section 21065 of the guidelines.
5. The Planning Commission hereby approves IMP #1999-102, as proposed by Sierra Pacific Industries, with the attached conditions (Exhibit A).

PASSED AND ADOPTED at a regular meeting of the Planning Commission of the County of Lassen, State of California, on the 1st day of February, 2022, by the following vote:

AYES: _____

NOES: _____

ABSTAIN: _____

ABSENT: _____

Chairman
Lassen County Planning Commission

ATTEST:

Maurice L. Anderson, Secretary
Lassen County Planning Commission

EXHIBIT A
CONDITIONS OF APPROVAL
INTERIM MANAGEMENT PLAN #1999-102, SIERRA PACIFIC INDUSTRIES

1. The site shall be monitored by the operator annually, at minimum, for signs of erosion, presence of noxious weeds, security and safety of the site, and any/all other condition issues identified by the operator or lead agency.
2. The operator shall continue to submit Annual Reports, Financial Assurance Cost Estimates, and all applicable fees to both Lassen County and the CA Department of Conservation during “idle” production periods.
3. All other requirements and conditions outlined by the previously approved Reclamation Plan and Use Permit shall continue to be followed.
4. Interim Management Plan #1999-102 shall remain in effect for a period not to exceed five years, at which time the planning commission may renew the plan for another period not to exceed five years or require the surface mining operator to commence reclamation in accordance with its approved reclamation plan (PRC, Sec. 2770(h)).
5. Interim Management Plan #1999-102 shall be considered void should the associated Use Permit expire or be revoked, regardless of the status of the approved Interim Management Plan.

CALIFORNIA SURFACE MINING AND RECLAMATION



INTERIM MANAGEMENT PLAN FORM
THE STATE MINING AND GEOLOGY BOARD



RECEIVED REVISED

State of California
DEPARTMENT OF CONSERVATION
STATE MINING AND GEOLOGY BOARD
INTERIM MANAGEMENT PLAN FORM

NOV 01 2021

CA MINE ID# 91-18-0045

MINE NAME Bridge Creek Cinder Pit

LASSEN COUNTY DEPARTMENT OF

1. Company Operating Sierra Pacific Industries	Site Contact Person Sierra Pacific Industries	Telephone 530-251-0241 Ext. 1
Street Address/P.O. Box No.	City Westwood	State/ZIP Code/County CA/96137/Lassen

2. Designated Agent's Name (Individual must reside in CA) Steven W. DeBonis	Mailing Address P.O. Box 101
City Westwood	ZIP Code 96137
	Telephone 530-251-0241

3. Owner of Mining Operation same as above	Telephone
Mailing Address	
City	State/ZIP Code
	Country (If other than U.S.A.)

4. Landowner Sierra Pacific Industries	Assessor's Parcel # 087-130-005-000
Mailing Address	Telephone 530-251-0241 Ext. 1
City/State/ZIP Code	Country (If other than U.S.A.)

5. Number or description of reclamation plan amended by IMP 1999-102	
Date Approved 04/05/2000	Copy Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

6.a. Date Mine Became Idle 9/14/2020	6.b. Date Mining Expected to Resume 05/02/2022
---	---

7.a. Previous Maximum Annual Production 161 short tons	7.b. Production While Idle 0
---	---------------------------------

CALIFORNIA SURFACE MINING AND RECLAMATION

INTERIM MANAGEMENT PLAN FORM
THE STATE MINING AND GEOLOGY BOARD

8. ☒ Yes ☐ No Financial Assurances approved by Lead Agency. Complete section below for approved Financial Assurances:

ATTACH COPY AND PROOF OF APPROVAL

a. Amount	Type	Date Posted	Date of Annual Review by Lead Agency	Expiration Date or Renewal Date (If applicable)
26,127.56	Surety Bond	2/5/2021	2/16/2021	

b. ☒ Yes ☐ No Proposed changes to Financial Assurance. ☒ Yes ☐ No Financial Assurance Cost Estimate attached.

A plan for maintaining the site in a safe and stable condition that includes the following elements must be attached to this form. Check the following boxes to verify that the appropriate information is attached.

9. Management Plan (Attach narrative that addresses all of the following.)

a. ☒ Description of Surface Mining Activities

b. ☒ Erosion Control Plan

If vegetation will not be used to control erosion while the site is idle, provide an explanation and describe an alternative method for surface erosion control in the previous section.

c. ☒ Revegetation Plan

d. ☒ Public Safety

e. ☒ Monitoring and Maintenance Plan

f. ☒ Site Photos

g. ☒ Map

Check the appropriate boxes and attach a map that clearly depicts the relevant information at a legible scale.

☒ Current Topography

☒ Permit Reclamation Plan Boundary

☒ Areas Disturbed by Surface Mining Operations

☒ Stockpiles of Ore, Overburden, Waste, etc.

☐ Sedimentation Pond

☐ Office, Shop, Scalehouse, or Other Structures

☐ Utilities

☐ Site Drainage

☐ Erosion Control Structures

☐ Cross Sections

☐ Additional Information


See Interim Management Plan Addendum

C A L I F O R N I A S U R F A C E M I N I N G A N D R E C L A M A T I O N

INTERIM MANAGEMENT PLAN FORM
THE STATE MINING AND GEOLOGY BOARD

10. Attachments

- ☐ Approved reclamation plan (Attach only if there are proposed changes)
- ☒ Financial Assurance Cost Estimate
- ☒ Approved Financial Assurance and Proof of Approval
- ☐ Storm Water Pollution and Prevention Plan (Attach only if the SWPPP will be used in lieu of separate erosion control plan)
- ☐ Permit
- ☐ CEQA Mitigation and Monitoring Plan (Attach if mitigation measures were imposed in approving the reclamation plan)

Prepared by <i>STEVEN W. DEBONIS</i> 	Date <i>10/29/2021</i>
Submitted by <i>Same as above</i>	Date
Approved by	Date

Additional Information: Sierra Pacific Industries (SPI) acquired the parcel containing the Bridge Creek Cinder Pit from Fruit Growers Supply Company (FGS) as part of a larger transaction that involved lands in Shasta and Lassen Counties. SPI intends to find a qualified Operator for the Bridge Creek Cinder Pit who will be capable of returning the mine to "Active" status. No significant changes have occurred within the project boundary since SPI has assumed ownership.

INTERIM MANAGEMENT PLAN ADDENDUM

BRIDGE CREEK CINDER PIT

CA Mine ID #91-18-0045



a. Description of Surface Mining Activities

There are currently no mining activities occurring on the site. There are no facilities or equipment on the site. Previous mining activities appear to have involved the removal of cinders from a Volcanic Cinder Cone and processing the cinders into products for various uses. These products could be used for road surfacing, application to roads as a traction aid, decorative landscape material and erosion control treatments. Mining activities are conducted in phases as per the Reclamation Plan. Reclamation treatments are applied after each phase of the mining operation is completed. To date, it appears that excavation work has initiated on Phase 1 of the Plan. Work does not appear to be completed on this phase. Phase 1 is approximately 2.5 acres.

b. Erosion Control Plan

The Bridge Creek Cinder Pit is located within a mixed conifer forest, having an upland shrub understory on gentle topography, bordered on the west by a seasonal, surfaced, private logging road. There is a large flat (log landing) adjacent to the western edge of the road that creates a bench capable of capturing any material that could possibly be transported from the pit. In the event that material was to ever be transported across the bench, a vegetated slope lies below the bench and the entirety of the road that would be capable of capturing eroded material. Cinders are an extremely porous material that is highly permeable and do not transport for any significant distance on flat topography. The site was monitored four days after a 5+ inch, 24-hour rainfall event and there was no detectable runoff from the project area. Due to the topography of the site, material involved in the mining operation and road infrastructure associated with the past and current landowners' business, it is highly unlikely that the cinders could be eroded and transported to a watercourse or other wet area. Material removed as overburden, containing fine soils does have the potential to move during higher intensity rainfall events but it appears that this material is located so that it would have to be transported across the highly permeable cinders before it would reach the road, then cross the bench, then enter the vegetated filter strip. Phase 1 is starting to display some natural vegetative regrowth having small conifers and shrubs which further decreases erosion potential. The stockpile of topsoil, located along the southern perimeter of the pit is vegetated with lodgepole pine and ponderosa pine saplings. There are no erosion issues associated with the stockpile. The majority of the precipitation in the area falls in the form of snow. Snow has less impact and erosion potential than rainfall. The site is stable at this time and has been tested with a high intensity rainfall event (50-100 year event), at this time no further erosion control mitigations are proposed.

c. Revegetation Plan

The Revegetation Plan is described in the Reclamation Plan and will be implemented according to the schedule outlined as phases are completed. Revegetation is not proposed at this time since the pit is projected to return to active status in the spring of 2022 and there is no ongoing or threat of erosion from the pit at this time. The Reclamation Plan describes the establishment of a test plot (approximately 40'x40') to determine if reforestation is feasible. Ocular observation of disturbed areas within and adjacent to the project area indicate that native conifer establishment is prolific, predominately with lodgepole pine, ponderosa pine and white fir species.

Revised 12/16/2021

The Operator will establish the test plot no less than five years prior to the end of operations. Five years is the standard to verify successful conifer establishment on a new site as per the California Forest Practice Rules, 14 CCR, Chapter 4, Article 5, 1071, Minimum Stocking Standards.

d. Public Safety

The Bridge Creek Cinder Pit is located in a remote, rural area of Lassen County, along a private logging road that is posted as private property with signage having the verbiage, "Right to Pass by Permission and Subject to Control of Owner: Sec. 1008 Civil Code." The landowner employs a Patrolman that routinely monitors the owner's interests in the area. All forms of public use at the Bridge Creek Cinder pit are prohibited.

e. Monitoring and Maintenance

The landowner employs a Patrolman that routinely monitors the owner's interests in the area. Part of the Patrolman's duties include monitoring the Bridge Creek Cinder Pit for unauthorized access and observation of resource values. If a maintenance issue is identified, the landowner subcontracts with several road maintenance contractors who own heavy equipment capable of remediating any maintenance items. The Operator will monitor the site on an annual basis for the presence, species composition and distribution of noxious weeds. If noxious weeds become established and persist at an unacceptable level, a Licensed Pest Control Advisor will be consulted and a Vegetation Management Plan will be developed. The Lassen County Planning and Building Services Department also inspects the Project Area on an annual basis.

f. Site Photos (Attached, with descriptions, Taken 10/28/2021)

g. Map

Vicinity Map (Attached)
Assessor's Parcel Map (Attached)
Reclamation Phase Map (Attached)
Topographic Map (Attached)

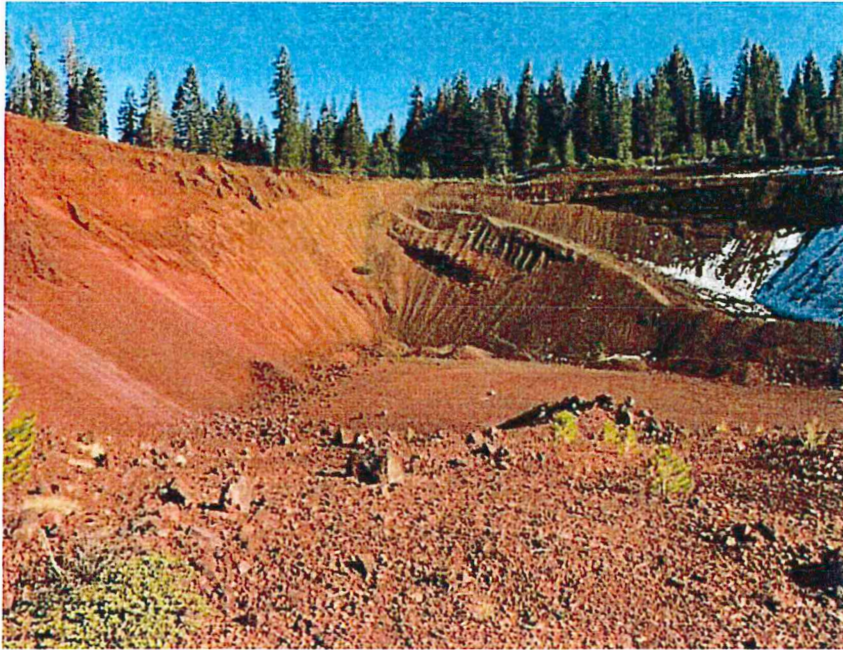
Revised 12/16/2021



Bridge Creek Cinder Pit, Portion of Excavation Phase 2



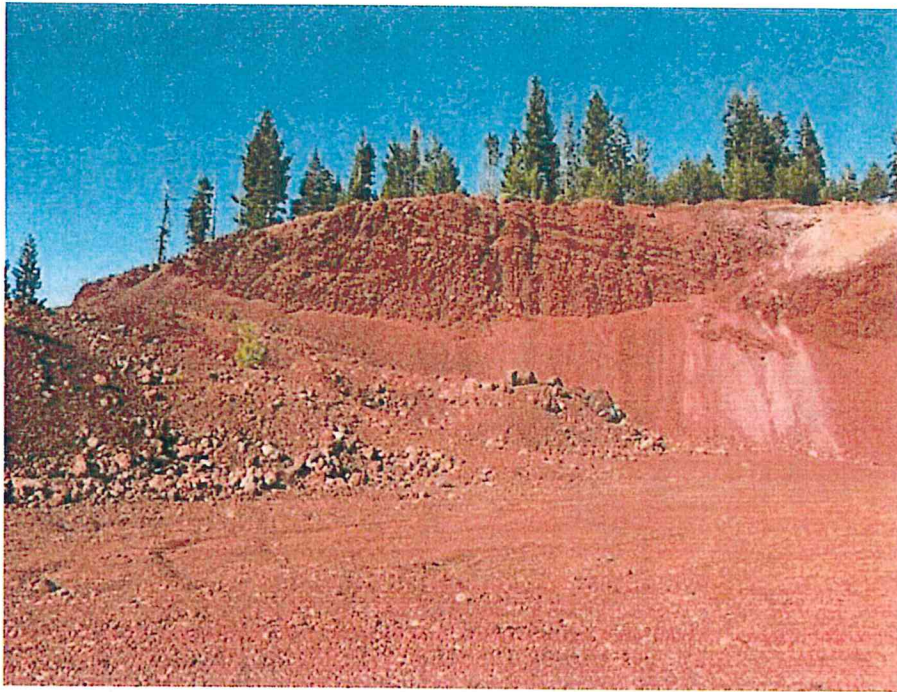
Bridge Creek Cinder Pit, Portion of Excavation Phase 3



Bridge Creek Cinder Pit, Reclamation Phase 2-Left side of Photo, Excavation Phase 3-Right



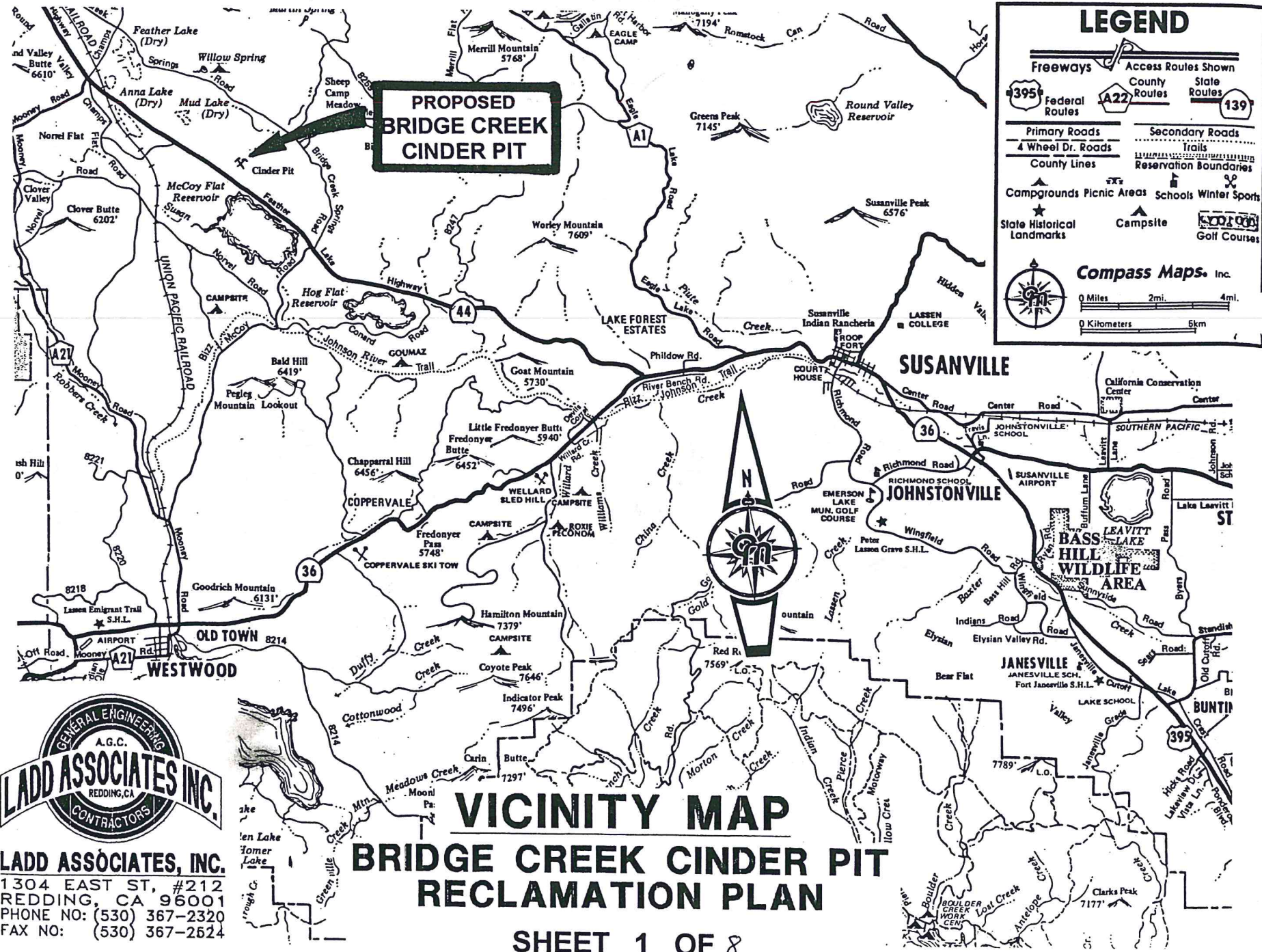
Bridge Creek Cinder Pit, Excavation Phase 3 (Vegetated) Upper Left, Private Logging Road and Bench (Landing). No Evidence of Erosion.



Bridge Creek Cinder Pit, Existing Cinder Pit and Spoils, Reclamation Phase 2

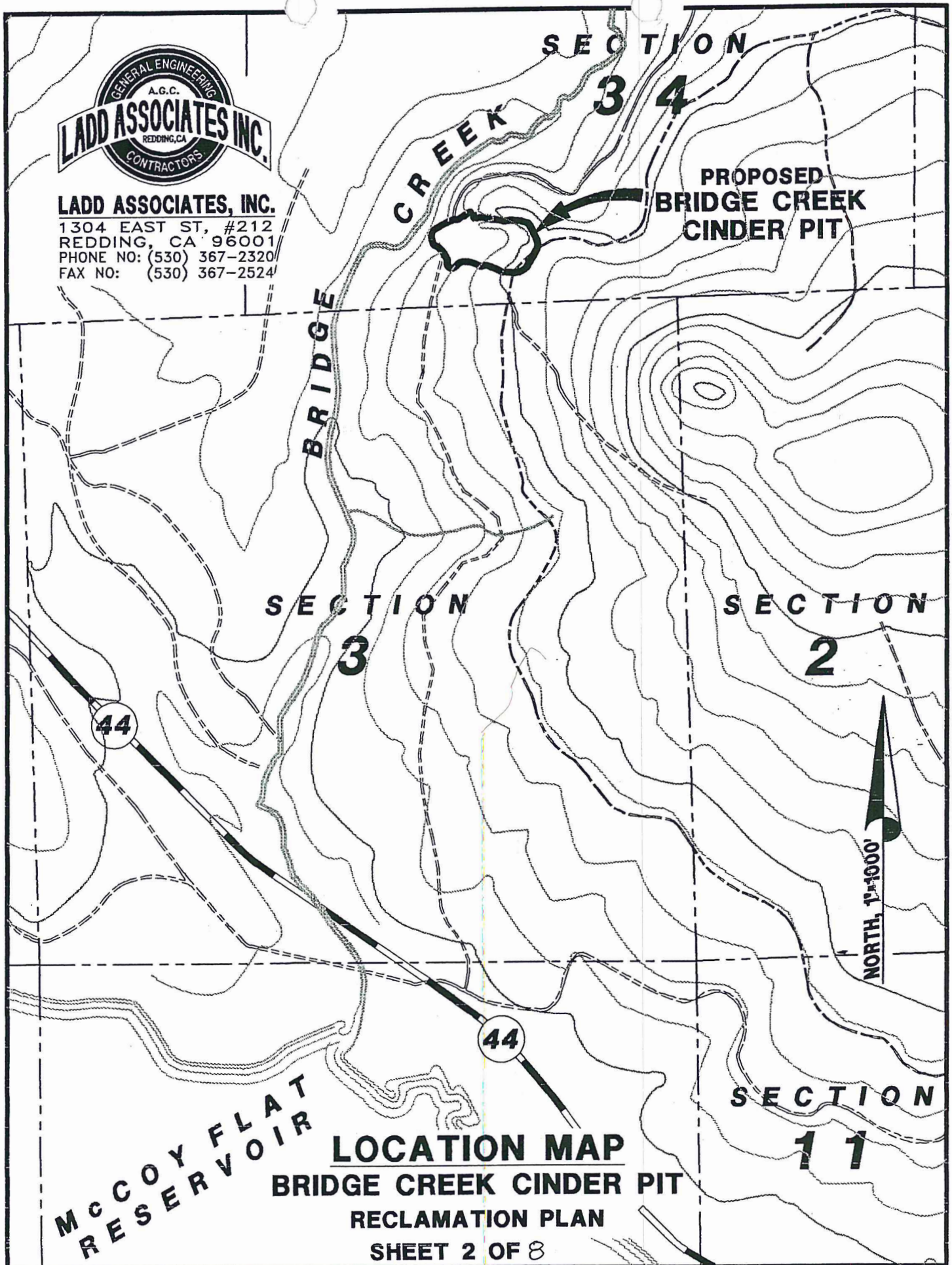


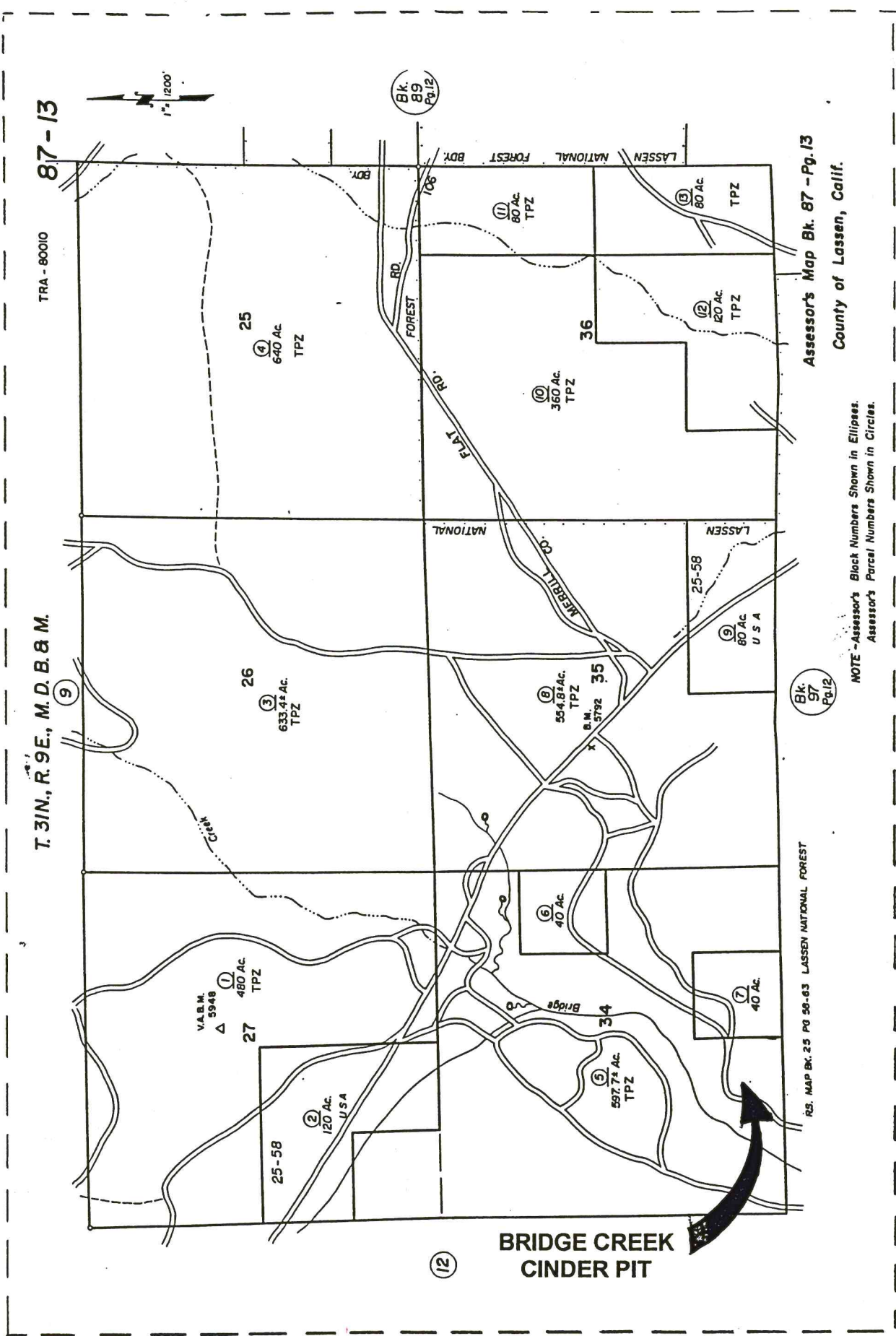
Bridge Creek Cinder Pit, View Looking East of Existing Cinder Pit From Private Logging Road.





LADD ASSOCIATES, INC.
1304 EAST ST, #212
REDDING, CA 96001
PHONE NO: (530) 367-2320
FAX NO: (530) 367-2524





ASSESSOR PARCEL MAP

BRIDGE CREEK CINDER PIT - RECLAMATION PLAN - SHEET 3 OF 8



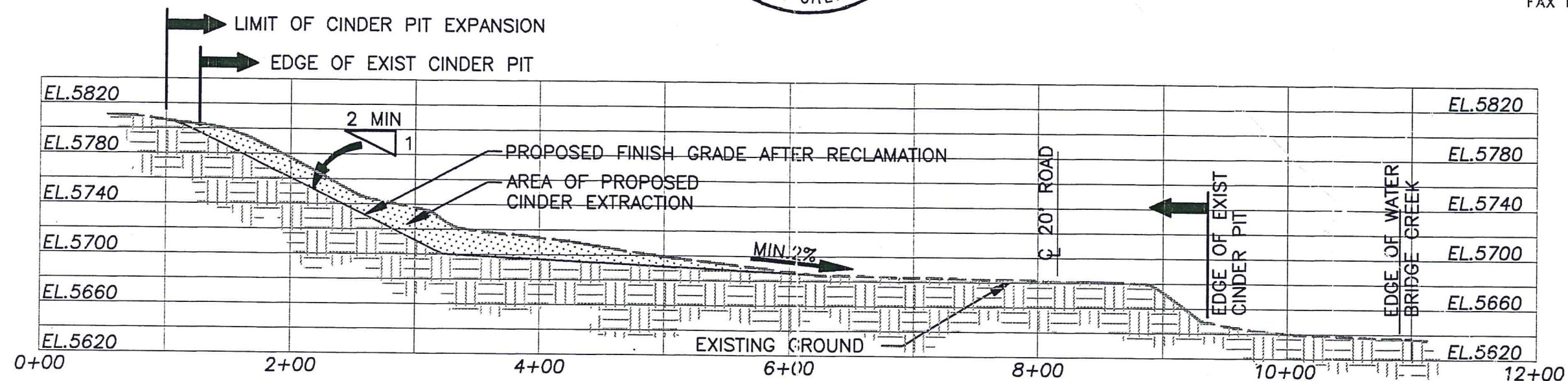
CROSS SECTIONS

BRIDGE CREEK CINDER PIT RECLAMATION PLAN

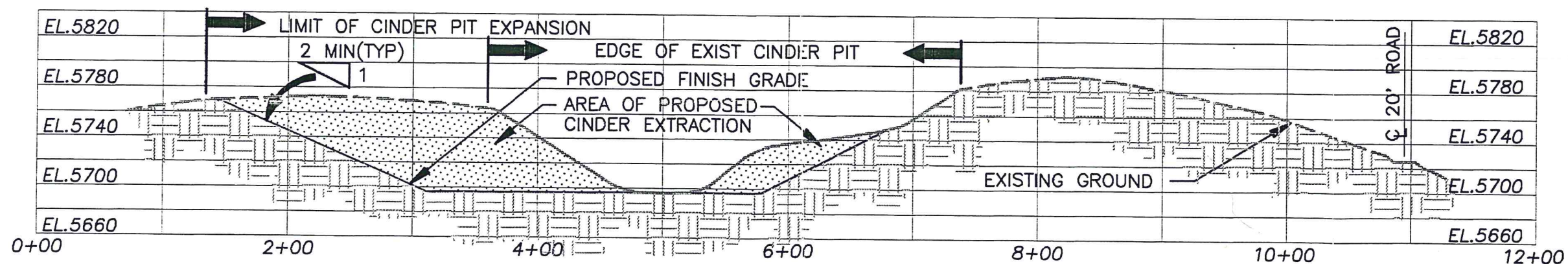
T.E.P. 12/99
SHEET 5 OF 8



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REDDING, CA 96001
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A CROSS SECTION
SCALE: 1" = 100'
0 100'



B CROSS SECTION
SCALE: 1" = 100'
0 100'

NORTH, 1"=100'

0 100'

SITE PLAN BRIDGE CREEK CINDER PIT RECLAMATION PLAN

T.E.P. 12/99

SHEET 6 OF 8

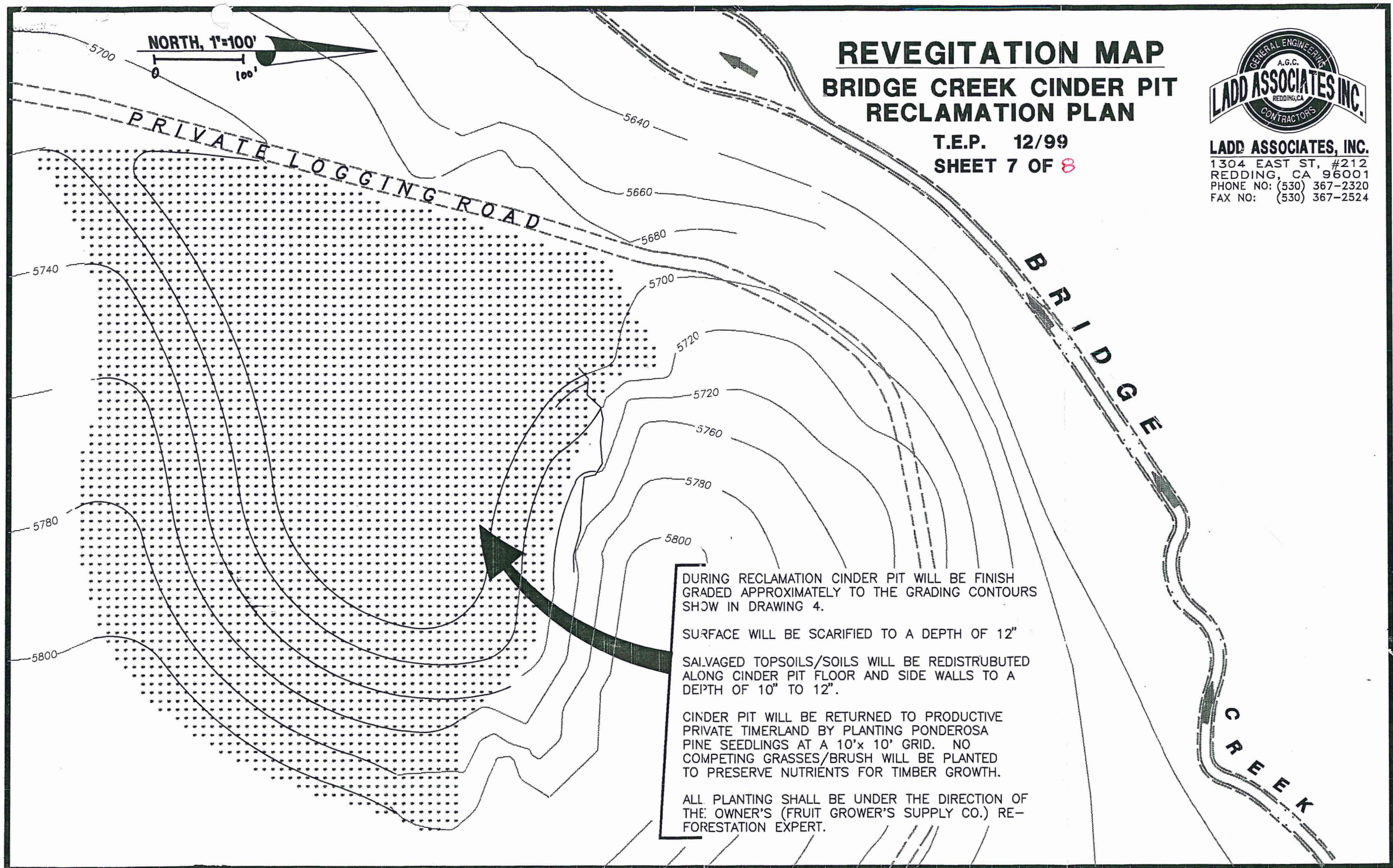


LADD ASSOCIATES, INC.
1304 EAST ST, #212
REDDING, CA 96001
PHONE NO: (530) 367-2320
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NOTES:

- ① TOPSPOIL STOCKPILE: TOPSOILS WILL BE STRIPPED FROM PIT EXPANSION AREA AND STOCKPILED ALONG EXCAVATION PERIMETER. DURING RECLAMATION, TOPSOIL STOCKPILES WILL BE EVENLY REDEPOSITED ALONG PIT FLOOR AND SIDE WALLS TO A DEPTH OF 8" TO 12".
- ② EXCAVATION OPERATIONS: EXCAVATION OPERATIONS WILL USE A CAT 245 MASS-EXCAVATOR AND A CAT D9 DOZER.
- ③ PROCESSING OPERATIONS: CAT 988 LOADER, CONE CRUSHING PLANT, SCREENING PLANT, AND CONVEYOR BELTS.
- ④ LOADING OPERATIONS: CAT 988 LOADER AND TRUCK SCALES WITH SCALE SHACK.
- ⑤ REVEGETATION TEST PLOT.
- ⑥ STORM WATER BERM: BERM IS TO BE SUFFICIENTLY HIGH TO CONTAIN A MIN. 450 CY WATER STORAGE ALONG QUARRY FLOOR. BERM SIDE-SLOPES SHALL BE AT A 1:6 SLOPE FOR TRUCK ACCESS. RETAINED STORM WATER WILL DISPERSE THROUGH HIGHLY PERMEABLE CINDERS COMPRIZING CINDER PIT FLOOR.
- ⑦ FUEL TRAILER TEMPORARY STORAGE.
- ⑧ ROAD BASE STOCKPILE.

CINDER PIT WILL OPERATE ON A INTERMITTENT BASIS. CONSEQUENTLY, IT IS ANTICIPATED THAT THERE WILL BE LITTLE OR NO LONG TERM ON-SITE STORAGE OF EQUIPMENT OR SUPPLIES.



REVEGITATION MAP

BRIDGE CREEK CINDER PIT RECLAMATION PLAN

T.E.P. 12/99
SHEET 7 OF 8



LADD ASSOCIATES, INC.
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DURING RECLAMATION CINDER PIT WILL BE FINISH GRADED APPROXIMATELY TO THE GRADING CONTOURS SHOW IN DRAWING 4.

SURFACE WILL BE SCARIFIED TO A DEPTH OF 12"

SALVAGED TOPSOILS/SOILS WILL BE REDISTRIBUTED ALONG CINDER PIT FLOOR AND SIDE WALLS TO A DEPTH OF 10" TO 12".

CINDER PIT WILL BE RETURNED TO PRODUCTIVE PRIVATE TIMBERLAND BY PLANTING PONDEROSA PINE SEEDLINGS AT A 10'x 10' GRID. NO COMPETING GRASSES/BRUSH WILL BE PLANTED TO PRESERVE NUTRIENTS FOR TIMBER GROWTH.

ALL PLANTING SHALL BE UNDER THE DIRECTION OF THE OWNER'S (FRUIT GROWER'S SUPPLY CO.) RE-FORESTATION EXPERT.

RECLAMATION PHASE PLAN

BRIDGE CREEK CINDER PIT RECLAMATION PLAN

T.E.P. 2/29/00 (REV.3/22)

SHEET 8 OF 8

NOTES:

THE INTENTION OF THE CINDER PIT EXPANSION PHASING TO COMPLY WITH THE COUNTY TIMBER PRODUCTION ZONE REQUIREMENTS THAT NO MORE THAN 3 ACRES SHALL BE CONVERTED FOR NON-TIMBERLAND USES AT A TIME

EXISTING CINDER PIT:

THE CINDER PIT EXISTED MORE OR LESS IN ITS CURRENT SIZE AND CONFIGURATION PRIOR TO 1976 (THE YEAR OF THE TIMBER PRODUCTION ZONE CREATION AND ESTABLISHMENT OF STATE S.M.A.R.A. ACT)

RECLAMATION PHASE 1:

WILL BE CONDUCTED DURING EXCAVATION PHASE 2 AND WILL BE 2.5 ACRES IN SIZE MINIMUM.

RECLAMATION PHASE 2:

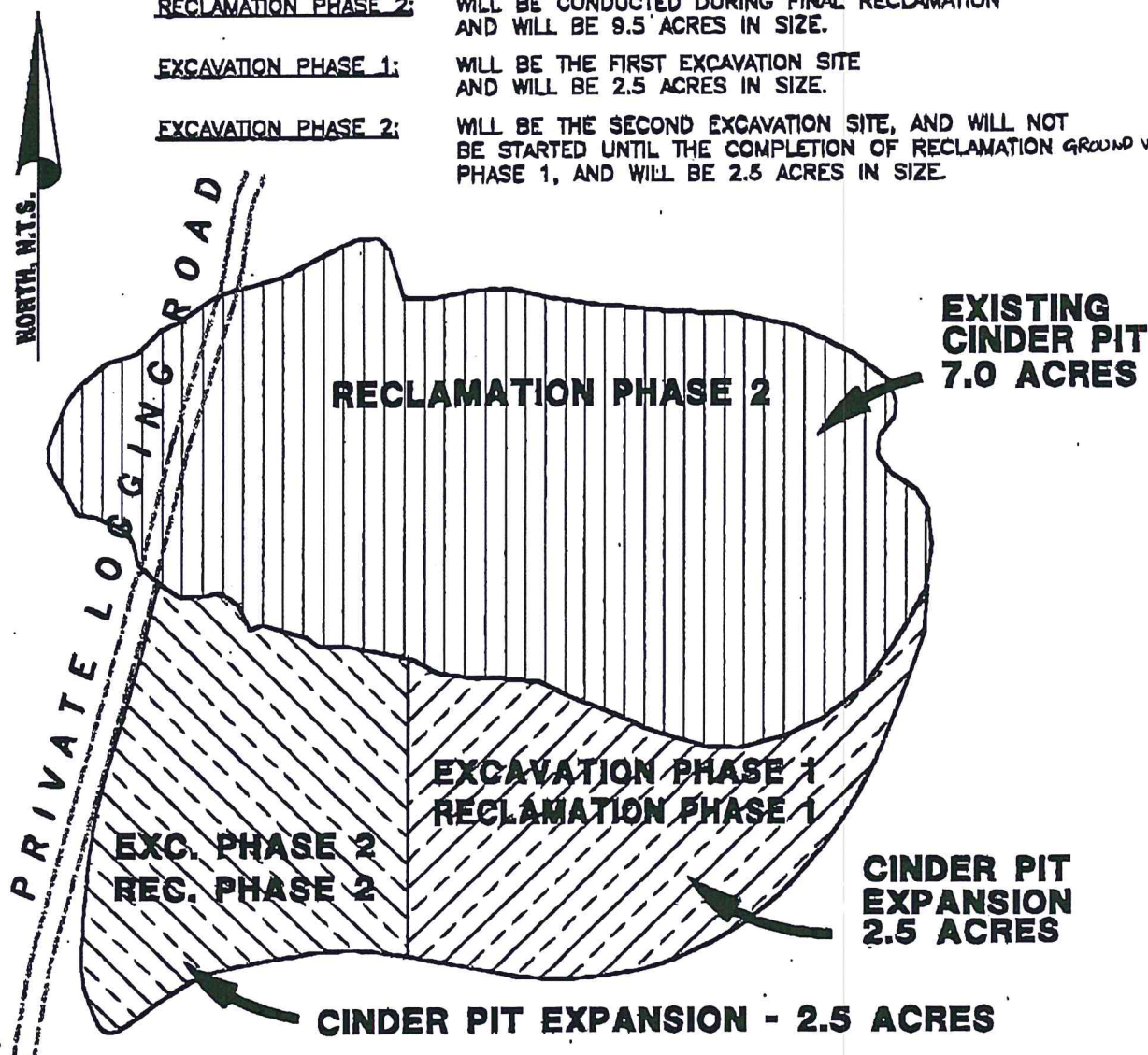
WILL BE CONDUCTED DURING FINAL RECLAMATION AND WILL BE 9.5 ACRES IN SIZE.

EXCAVATION PHASE 1:

WILL BE THE FIRST EXCAVATION SITE AND WILL BE 2.5 ACRES IN SIZE.

EXCAVATION PHASE 2:

WILL BE THE SECOND EXCAVATION SITE, AND WILL NOT BE STARTED UNTIL THE COMPLETION OF RECLAMATION GROUND WORK PHASE 1, AND WILL BE 2.5 ACRES IN SIZE.





County of Lassen

Department of Planning and Building Services

• Planning

• Building Permits

• Code Enforcement

• Surveyor

• Surface Mining

October 1, 2021

Maurice L. Anderson, Director

707 Nevada Street, Suite 5

Susanville, CA 96130-3912

Phone: 530 251-8269

Fax: 530 251-8373

email: landuse@co.lassen.ca.us

website: www.co.lassen.ca.us

Division of Mine Reclamation

801 K Street MS 09-06

Sacramento, CA 95814

Zoning & Building

Inspection Requests

Phone: 530 257-5263

Re: 2021 Financial Assurance Cost Estimate, CA Mine # 91-18-0045

To whom it may concern:

The Lassen County Department of Planning and Building Services received the attached 2021 Financial Assurance Cost Estimate (FACE) for the above referenced mine. The FACE is in the amount of \$27,134.17 which is an increase of \$1,006.61 primarily due to an increase in labor rates and an increase in the cost of ponderosa pine seedlings.

The FACE has been found adequate by the lead agency and is sufficient to complete reclamation of the mine according to the approved reclamation plan. In accordance with PRC § 2773.4(d) and CCR § 3805, the lead agency is submitting the FACE for review. If no comment is received from the Division of Mine Reclamation (DMR) within the 45-day review period, ending November 15, 2021, the Lead agency will send a 30 days' notice to approve the 2021 FACE pursuant to PRC § 2773.4(d)(5)(D)(iii).

Approval of an annual FACE, in the absence of comment from DMR, shall serve as sufficient authorization for the adjustment of financial assurances, as the total amount of financial assurances required shall not exceed the amount necessary to perform reclamation, pursuant to Public Resources Code § 2773.1(a)(5).

If you have any questions, please contact Cortney Flather, Natural Resources Technician, at (530) 251-8271.

Sincerely,

for Maurice L. Anderson
Director

MLA:clf

Enclosure

cc: Steve DeBonis, Sierra Pacific Industries

FINANCIAL ASSURANCE COST ESTIMATE
FOR

Bridge Creek Cinder Pit

(Mine Name)

CA Mine ID # 91- 18-0045

Reclamation Plan #/Name 1999-102

Prepared by: (Name & Affiliation):

Date: 08/24/2021

This financial assurance cost estimate prepared and submitted pursuant to (choose one):

☐ A new or amended reclamation plan approved on (Date): _____

☒ An annual mine inspection performed on (Date): 07/08/2021

☐ Other: Please Specify: _____

Most Recent Approved Financial Assurance Cost Estimate

Date: 01/17/2021

Amount: \$ 26,127.56

Amount of existing Financial Assurance Mechanism(s)

Date: 02/16/2021

Amount: \$ 26,127.56

I. SUPPORTING DOCUMENTS

This estimate represents the cost of conducting and completing reclamation in accordance with the Surface Mining and Reclamation Act (SMARA) and the following supporting documents:

Reclamation Plan Approval Date and Number

4/5/2000; 1999-102

Permits and/or Environmental Documents Approved as, or Conditioned upon, the Reclamation Plan

Other Agency Financial Assurances Securing Reclamation of Disturbed Lands

Wage Rates used in Cost Estimate* *(cost estimates are required to use current 'General prevailing wage determinations made by the director of industrial relations' where applicable (<http://www.dir.ca.gov/OPRL/PWD/index.htm>) with employer labor surcharge added, or greater)*

Area 2: 980 Loader/Group 3; off Hwy Dump Truck/Group 8A; Cat D6R Bulldozer/Group 4

Equipment Rates used in Cost Estimate* *(Use current 'Labor Surcharge and Equipment Rental Rates (Cost of Equipment Ownership)' equipment rates published by Caltrans (<http://www.dot.ca.gov/hq/construc/equipmnt.html>) or other publicly available and verifiable local rates)*

980B Loader; Off Hwy Dump Truck; CAT D6R Bulldozer

Equipment Production Rates used in Cost Estimate *(Use of current Caterpillar Performance Handbook or equivalent published production rates is required)*

Caterpillar Performance Handbook 48

* Many mine sites are remote projects that require hours of travel (to and from) and sometimes require additional time to prepare for even the simplest of tasks. In accordance with Labor Code Sections 1773.1 and 1773.9, contractors are required to make travel and/or subsistence (per diem) payments to each worker to execute the work. These arrangements can be quite variable and site specific.

Attachments:

general prevailing wage rates, labor surcharge and equipment rental rates; seed quote; CPI adjustments for seedling quote, map showing pre-SMARA acreage.

II. Description of Current Site Conditions

(i.e., disturbed acres, slope conditions, excavation depths, topsoil and overburden stockpiles, equipment and facilities, reclamation in progress, erosion control status, required corrective actions, etc.)

approximate disturbed acreage is 5 acres. slopes are variable from 2H:1V, generally cinders naturally stabilize. There is no equipment or facilities on site.

III. Description of Anticipated Site Conditions (12 months from date of estimate)

(i.e., increase of disturbed acres, increase of depth, increases in amount of equipment and/or facilities, required corrective actions, etc.)

current use is providing land management road maintenance materials. Any additional disturbance is expected to be minor.

IV. Description/Justification of Cost Increase/Decrease

(add additional pages as needed)

V. PLANT STRUCTURES AND EQUIPMENT REMOVAL *(use multiple sheets as needed)*

Provide documentation showing that rates, prices, and wages are available locally to all persons, including the lead agency and/or the Department.

Current Site Condition:

There are no structures or equipment on site

Reclamation Plan Performance Standard (End Use):

timber production

Describe tasks:

n/a

Equipment on site wholly owned by operator? ☒ YES ☐ NO

(If no, please provide the name/s and contact information for any lien holder)

n/a

(add additional pages as needed)

V. PLANT STRUCTURES AND EQUIPMENT REMOVAL *(use multiple sheets as needed)*

Methods to be used:

- A. Equipment – List equipment required to complete identified task. For large reclamation projects, separate mine areas.

Equipment	Unit of Measure	\$/Unit	# of Units	Cost (\$)

Total Equipment Cost for this Task = \$ 0

- B. Labor – List all labor categories to complete identified task

Labor Category	\$/Hour (prevailing wage)	Labor Surcharge/Hr (where applicable) (enter % of wage)	# of Hours	Cost (\$)

Total Labor Cost for this Task = \$ 0

- C. Demolition – List all structures and equipment to be dismantled or demolished and removed from site

Structure/Equipment to be Removed	Type of Material	Volume/ Quantity	Unit Cost Basis	Disposal Cost	Cost (\$)

Total Materials Cost for this Task = \$ 0

- D. Total Direct Cost of Structure and Equipment Removal (Total A+B+C)

Equipment Costs + Labor Cost + Demolition Cost = \$ 0

- E. Net Salvage Value* (Supported by properly prepared third party estimate, bid, or cost calculation.)

Net Salvage Value = \$ 0

- F. Total Cost of Structure and Equipment Removal (Subtract Line D from Line E)

Total Cost of Structure and Equipment Removal = \$ 0

*NOTE: Salvage value may only be used to offset the direct cost of removing the single item for which salvage value is being claimed. Salvage value shall not be used to offset any other demolition, general cleanup, or reclamation costs.

VI. PRIMARY RECLAMATION ACTIVITY

Use multiple sheets as necessary to estimate the cost of each activity required. Provide documentation showing that rates, prices, and wages are available locally to the lead agency and/or the Department if necessary.

Current Site Conditions:

a natural cinder knoll with forest soils at its margins. The primary goals of the reclamation process are as follows: phased reclamation in 3-acre increments with final side wall grades of 2H:1V except in locations within the pit where slopes have stabilized at steeper grades. These areas will not be further disturbed. Slopes on the pit floor will be re-soiled with salvaged overburden and topsoil, and planted with approx. 435 Ponderosa pine seedlings per acre for the end use of timber production. The re-vegetation effort will be successful with the establishment of 300 trees per acre

Reclamation Plan Performance Standard (End Use):

timber production

Describe tasks, methods, equipment, etc.:

Decompaction, cut, fill, haul, slope reduction, compaction, grading, topsoil placement, drainage work, soil amendments, special requirements, etc. Separate sheets may be used for each task if necessary.

after compacted soils are scarified to a depth of 12 in., topsoil and overburden will be spread over excavation area, contoured to surrounding landscape where feasible. Equipment used will be the specified bulldozer, loader and off hwy dump trucks. Seedlings are to be planted the next spring after site preparation activities are completed.

Provide quantities:

Overburden and topsoil, cut and fill, import or export (cubic yards), area (acres), haul distances (feet), equipment production rates (cubic yards/hour, or as applicable), etc.

approximately 12,907 cy of overburden and adjacent topsoil from within 500 feet in distance of pit area.

(add additional pages as needed)

VI. PRIMARY RECLAMATION ACTIVITY (spread topsoil) (use multiple sheets as needed)
(Describe Reclamation Activity Being Estimated)

Acres:	5	Overburden (cy):	
Haul Distance (ft):	500	Topsoil (cy):	12,907
Production Rate (cy/hr):	615		

Methods to be used:

- A. Equipment – List equipment required to complete identified task. For large reclamation projects, separate mine areas.

Equipment	Unit of Measure	\$/Unit	# of Units	Cost (\$)
980 B Loader (code:2376)	hr	134.64	18	2,423.52
Off Hwy Dump Truck (code:18-22)	hr	81.39	36	2,930.04
CAT D-6R Dozer (code:3800)	hr	94.51	18	1,701.18

Total Equipment Cost for this Task = \$7,054.74

- B. Labor – List all labor categories to complete identified task

Labor Category	\$/Hour (prevailing wage)	Labor Surcharge/Hr (where applicable) (enter % of wage)	# of Hours	Cost (\$)
980 B Loader Operator	86.99		18	1,565.82
Off Hwy Dump Truck Operator	77.45		36	2,788.20
CAT D-6R Dozer Operator	85.43		18	1,537.74

Total Labor Cost for this Task = \$5,891.76

- C. Materials – List all materials required to complete identified task

Item	\$/Unit	Sales tax (enter local rate in %)	Quantity	Cost (\$)

Total Materials Cost for this Task = \$0

- D. Total Direct Cost for this Task

Equipment Costs + Labor Cost + Materials Cost = \$12,946.50

VII. REVEGETATION *(use multiple sheets as needed)*

Provide documentation showing that rates, prices, and wages are available locally to all persons, including the lead agency and/or the Department.

Current Site Condition:

cinder pit

Reclamation Plan Performance Standard (End Use):

timber production-planting seedlings which will return site to a more natural appearance and future timber production.

Describe tasks:

where feasible, a planting crew will plant Ponderosa pine seedlings at an approximate 10ft X 10ft spacing the spring following site preparation.

(add additional pages as needed)

VII. REVEGETATION *(use multiple sheets as needed)*

Methods to be used:

- A. Equipment – List equipment required to complete identified task. For large reclamation projects, separate mine areas.

Equipment	Unit of Measure	\$/Unit	# of Units	Cost (\$)
3/4 ton pickup truck	hr	39.12	7	273.84

Total Equipment Cost for this Task = \$ 273.84

- B. Labor – List all labor categories to complete identified task.

Labor Category	\$/Hour (prevailing wage)	Labor Surcharge/Hr (where applicable) (enter % of wage)	# of Hours	Cost (\$)
tree planting cost/group 4/area 2	54.03		22	1,188.66

Total Labor Cost for this Task = \$ 1,188.66

- C. Materials – List all materials required to complete identified task

Item/Plant Species	Unit of measure	\$/Unit	Sales tax (enter local rate in %)	Quantity	Cost (\$)
2 year old Ponderosa pine seedlings	per 1000	700.00	7.25	2.2	1,651.65

Total Materials Cost for this Task = \$ 1,651.65

- D. Total Direct Cost for this Task

Equipment Costs + Labor Cost + Materials Cost = \$ 3,114.15

VIII. MISCELLANEOUS COSTS *(use multiple sheets as needed)*

Provide documentation showing that rates, prices, and wages are available locally to all persons, including the lead agency and/or the Department.

Examples of this type of cost may include temporary storage of equipment and materials off site, special one-time permits (i.e. transportation permits for extra wide overweight loads, etc.), decommissioning a process mill (i.e. decontamination of equipment), disposal of warehouse inventories, well abandonment, remediation of fueling and waste oil storage sites, septic system removal, costs to prepare closure and monitoring reports, site security, preserving potable water and maintaining utilities, etc.

Item / Task	Quantity	\$/Unit	Cost (\$)
Seedling Shipping Cost	2200	0.1285	282.70

Total Miscellaneous Costs = \$ 282.70

IX. MONITORING COSTS

Monitoring Task	\$/Visit	# of Visits/Year	# of Monitoring Years	Cost (\$)
Revegetation Performance Monitoring	421.60	1	3	1264.80

Total Monitoring Costs = \$ 1264.80

X. SUMMARY OF COSTS

This section shall be used to summarize all the cost sheets in one place.

(V) Total of all Plant Structures & Equipment Removal Costs	\$ 0
(VI) Total of all Primary Reclamation Activities Costs	\$ 12,946.50
(VII) Total of all Revegetation Costs	\$ 3,114.15
(VIII) Total of all Miscellaneous Costs	\$ 282.70
(IX) Total of all Monitoring Costs	<u>\$ 1,264.80</u>

Total of Direct Costs \$ 17,608.15

XI. Supervision / Profit & Overhead / Contingencies / Mobilization

(A) Supervision (<u>6</u> %)	\$ 1,056.49
(B) Profit/Overhead (<u>13</u> %)	\$ 2,289.06
(C) Contingencies (<u>10</u> %)	\$ 1,760.82
(D) Mobilization (<u>5</u> %)	<u>\$ 880.41</u>
Total of Indirect Costs	\$ 5,986.78
Total of Direct and Indirect Costs	\$ 23,594.93
(E) Lead Agency and/or Dept. of Conservation Administrative Costs	<u>\$ 3,539.24</u>

Total Estimated Cost of Reclamation \$ 27,134.17

430E	1865E	\$58.53	IT 12	2472	\$38.33
436 w/ backhoe	1866	\$43.39	IT 12B	2472B	\$44.64
436 Series II w/ backhoe	1866A	\$43.56	IT 14F	2473	\$51.75
446 w/ backhoe	1868	\$56.21	IT 18	2474	\$48.95
446B w/ backhoe	1868B	\$62.15	IT 18B	2475	\$55.35
446D	1868D	\$64.58	IT 28	2476	\$59.20
450E	1869E	\$77.84	IT 28B	2477	\$64.26
910	1870	\$37.59	IT 28F	2477G	\$74.46
910E	1870E	\$44.25	IT 28G	2478	\$77.56
916	1885	\$50.13	IT 38G	2480	\$89.33
920	1894	\$45.86	IT 62G	2482	\$122.88
926	2065	\$58.75	CLARK	[CLRK]	
926E	2067	\$63.57			
928G	2070G	\$76.21	<u>Model</u>	<u>Code</u>	<u>Rate</u>
930 41K serial	2088	\$56.16	35C	2484	\$46.78
930G	2088G	\$90.38	45C	2486	\$54.68
936	2100	\$71.29	55C	2488	\$66.02
936E	2110	\$77.72	75C	2491	\$86.24
936F	2120	\$80.75	125B	2492	\$110.96
938F	2130	\$82.48	275B	2496	\$192.69
938G	2130G	\$93.25	275C	2497	\$210.63
950 90A serial	2228	\$60.16	JOHN DEERE	[DEER]	
950 31K & 81J serial	2270	\$72.47	<u>Model</u>		
950B	2272	\$89.18	JD-210C	2485	\$29.64
950E	2300	\$94.90	JD-210C w/ backhoe	2490	\$29.70
950F	2301	\$99.91	JD-210LE	2495	\$38.96
950F Series II	2303	\$103.46	JD-310A w/ backhoe	2504	\$31.14
950G	2310	\$111.21	JD-310B w/ backhoe	2506	\$31.81
950H	2310H	\$129.07	JD-310C w/ backhoe	2507	\$35.02
950M	2310M	\$151.93	JD-310D w/ backhoe	2507D	\$39.46
962G	2320G	\$121.65	JD-310E w/ backhoe	2507E	\$40.40
966C	2340	\$106.04	JD-310SE w/ backhoe	2507F	\$45.23
966D	2350	\$117.03	310G	2507G	\$41.45
966E	2360	\$129.25	JD-315SE w/ backhoe	2507H	\$45.84
966F	2361	\$132.07	JD-410 w/ backhoe	2508	\$34.05
966G	2362	\$148.48	JD-410B w/ backhoe	2508B	\$34.73
966H	2362H	\$172.95	JD-410C w/ backhoe	2508C	\$40.76
966K	2362K	\$177.05	JD-410D w/ backhoe	2508D	\$48.54
970F	2370	\$155.21	JD-410E w/ backhoe	2508E	\$50.96
972G	2372G	\$165.56	410G	2508G	\$52.08
972M	2372M	\$195.52	410J 4WD	2508J	\$60.16
980B	2376	\$134.64	410K	2508K	\$64.33
980C	2378	\$164.69	JD-444	2510	\$45.27
980F	2381	\$169.75	JD-444C	2515	\$47.20
980G	2382	\$187.13	JD-444D	2520	\$48.61
980H	2382H	\$204.67	JD-444E	2521	\$52.79
988 87A6868 serial	2398	\$164.58	JD-500C w/ backhoe	2592	\$44.21
988B 50W serial	2436	\$236.23	JD-510 w/ backhoe	2620	\$40.92
992B 25K serial	2460	\$293.65	JD-510B w/ backhoe	2625	\$39.52
992C	2470	\$451.50	JD-510C w/ backhoe	2630	\$46.57

TEREX	[TERX]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
S 11EB	8245	\$61.55
S 23E 33TOT-H-93SH, elev	8250	\$145.60
S 24 49LOT-76SH serial	8260	\$185.74
S 24B 023-024 serial	8270	\$225.98
S 24C	8275	\$246.34
WABCO	[WAB]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
101F	8570	\$70.28
101G	8575	\$71.53
111A	8640	\$67.12
222G	8700	\$131.78
222H	8704	\$149.37

TRACTORS, CRAWLER

[TRACC]

DELAY FACTOR = 0.15

OVERTIME FACTOR = 0.87

Includes all attachments and accessories such as dozer blade and power control blocks when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.

CASE	[CASE]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
350	1820	\$28.15
350B	1825	\$30.05
450	1868	\$24.44
450B	1869	\$27.95
450C	1869E	\$31.42
475	1870	\$40.68
550	2000	\$32.83
650	2100	\$38.74
850	2128	\$32.88
850B	2130	\$35.64
850C	2135	\$39.16
850D	2140	\$41.39
1150B	2250	\$49.38
1150C	2255	\$54.52
1150D	2257	\$56.11
1150E	2258	\$58.13

CATERPILLAR	[CAT]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
D-3	2340	\$28.55
D-3B	2345	\$31.68
D-3 LGP	2350	\$29.15
D-3B LGP	2355	\$32.84
D-3B SA	2370	\$35.28
D-3C	2380	\$33.68
D4C Series III	2450	\$43.27
D-4D	2655	\$34.44

D-4E direct drive	2660	\$36.29
D-4E power shift	2665	\$37.49
D-4H	2670	\$47.30
D-4H LGP	2675	\$47.31
D-4H Series II	2680	\$48.41
D-4E SA	2772	\$43.69
D-4E LGP power shift	2780	\$37.68
D-4E LGP direct drive	2782	\$37.68
D-4G XL	2790XL	\$44.06
D-5	3194	\$49.60
D-5B power shift	3206	\$52.60
D-5B SA	3325	\$57.16
D-5B LGP	3345	\$55.09
D-5C	3346	\$46.91
D-5H	3347	\$63.00
D-5H Series II	3348	\$66.67
D-5H LGP	3350	\$65.82
D-6C direct drive	3645	\$64.19
D-6C power shift	3688	\$64.79
D-6C LGP	3710	\$67.14
D-6D	3720	\$74.68
D-6D SA	3725	\$83.66
D-6D LGP	3730	\$75.14
D-6H	3732	\$84.79
D-6H Series II	3733	\$89.04
D-6H LGP	3735	\$89.03
D-6M LGP	3745	\$83.12
D-6N XL	3755	\$85.71
D-6R DS	3800	\$94.51
D-6R XL	3815	\$99.21
D-7G	4180	\$112.77
D-7G LGP	4200	\$108.93
D-7G SA	4210	\$118.89
D-7H	4215	\$116.31
D-7H Series II	4216	\$125.02
D-7H LGP	4220	\$122.33
D-8K	4858	\$148.65
D-8L	4862	\$179.29
D-8L SA	4863	\$192.97
D-8N	4864	\$161.35
D-8R	4870	\$177.81
D-8T	4880	\$223.16
D-9H	5160	\$197.63
D-9L	5165	\$237.49
D-9N	5170	\$203.81
D-9R	5175	\$239.31
D-10	5220	\$364.33
D-10N	5225	\$295.23
D-10R	5227	\$329.98
D-11N	5230	\$461.13

2200	5650	\$15.62
2300	5660	\$23.55
2310	5662	\$24.75
3210	5670	\$26.90
3210 Combo	5675	\$27.76
3500	5676	\$31.72
4010	5677	\$40.51
4010 Combo	5678	\$31.60
5010	5679	\$31.56
6510	5680	\$37.73
6510 Combo	5685	\$40.77

MIDMARK

[MDMK]

Model	Code	Rate
300 A	7945	\$23.24
321	7950	\$24.49
400 A	7955	\$29.74
440	7960	\$37.51

VERMEER

[VERM]

Model	Code	Rate
CC-135	8350	\$83.11
M 220	8380	\$15.49
M 455 / M455A	8480	\$36.82
M 475	8570	\$39.02
M 475A	8571	\$44.09
M 485	8580	\$42.86
M 495	8585	\$69.11
T 300B, T 300A	8718	\$24.08
T 400C, T 400B, T 400A	8781	\$52.85
T 600D, C, B, A	8842	\$76.29
T 650	8843	\$128.83
T 800B, T 800A, T800	8870	\$122.38
T 800C	8871	\$133.47
T 850	8875	\$237.82
V 430	8950	\$27.52
V 430A	8951	\$30.95
V 434 / M 434	9000	\$26.53
V 440	9015	\$29.54
V 450	9017	\$35.03
V 454	9020	\$30.30
V 1550	9025	\$14.49

TRUCK, TRUCK TRAILERS, EXCL. DUMP TRUCKS & EQPT TRAIL [TRUCK]

DELAY FACTOR = 0.12

OVERTIME FACTOR = 0.88

Includes all attachments and accessories related to hauling, with and without trailers as needed. Includes water trucks, freight trucks and passenger vehicles, including 4wd option. Listed by Mfr's Gross Vehicle Weight in Kilograms(pounds). For tractor-trailer units, the gross vehicle weight of the cargo carrying unit or units will control. In the case of water trucks, the tank capacity expressed in kilograms (pounds) of water plus 20%, will determine the gross vehicle weight. For attachment allowance, see attachment class.

TRUCKS

[T&TT]

OVER	TO	Code	Rate
CARS , LIGHT TRUCKS		00-06	\$25.14
3175 (7000) pickups	5443 (12000) No small	06-12	\$28.46
5443 (12000)	9072 (20000)	12-20	\$36.92
9072 (20000)	12701(28000)	20-28	\$39.12
12701 (28000)	16330 (36000)	28-36	\$44.60
16330 (36000)	21773 (48000)	36-48	\$59.78
21773 (48000)	27216 (60000)	48-60	\$65.72
27216(60000) & Over		60	\$73.97

TRUCKS, OFF-HIGHWAY [TRUOF]

DELAY FACTOR = 0.22

OVERTIME FACTOR = 0.80

Includes all attachments and accessories. Includes end dump, belly dump and earthmover types. Listed in accordance with Mfr's rated capacity in tonnes (tons). In the case of earthmover types, rated by Mfr's volumetric capacity, a factor of 1.4 tonnes per cubic meter (1-1/2 tons per cubic yard) of truck capacity shall be used.

TRUCK OFF-HIGHWAY

[TRU]

OVER	TO	Code	Rate
9.1 (10)	13.6 (15)	10-15	\$45.39
16.3 (18)	20.0 (22)	18-22	\$81.39
20.0 (22)	24.5 (27)	22-27	\$101.51
24.5 (27)	29.0 (32)	27-32	\$116.15
29.0 (32)	36.3 (40)	32-40	\$157.46
36.3 (40)	49.9 (55)	40-55	\$232.71
49.9 (55)	60.8 (67)	55-67	\$261.52

*Laborer***WAGE RATES AND TOTAL HOURLY RATES (AREA 2):**

Classification ^a (Journey person) Group	Basic Hourly Rate ^b	Hours	Total Hourly Rate	Daily/ Saturday Overtime Hourly Rate ^d	Sunday/ Holiday Overtime Hourly Rate
Construction Specialist	\$35.50	8	\$61.29	\$79.04	\$96.79
Group 1; Group 1(B) ^e	\$34.80	8	\$60.59	\$77.99	\$95.39
Group 1 (A)	\$35.02	8	\$60.81	\$78.32	\$95.83
Group 1 (C)	\$34.85	8	\$60.64	\$78.07	\$95.49
Group 1 (E)	\$35.35	8	\$61.14	\$78.82	\$96.49
Group 2	\$34.65	8	\$60.44	\$77.77	\$95.09
Group 3; Group 3 (A)	\$34.55	8	\$60.34	\$77.62	\$94.89
Group 4; Group 6 (B)	\$28.24	8	\$54.03	\$68.15 ^f	\$82.27 ^f
Group 6	\$35.76	8	\$61.55	\$79.43	\$97.31
Group 6 (A)	\$35.26	8	\$61.05	\$78.68	\$96.31
Group 6 (C)	\$34.67	8	\$60.46	\$77.80	\$95.13
Group 6 (D)	\$35.38	8	\$61.17	\$78.86	\$96.55
Group 6 (E)	\$34.40	8	\$60.19	\$77.39	\$94.59
Group 7 – Stage 1 (1 st 6 months)	\$25.09	8	\$50.88	\$63.42	\$75.97
Group 7 – Stage 2 (2 nd 6 months)	\$28.24	8	\$54.03	\$68.15	\$82.27
Group 7 – Stage 3 (3 rd 6 months)	\$31.40	8	\$57.19	\$72.88	\$88.59

EMPLOYER PAYMENTS:

Type of Fund	Amount per Hour Worked
Health & Welfare	\$9.00
Pension	\$12.96
Vacation and Holiday	\$3.05
Training	\$0.50
Other	\$0.28

Operating Engineer (Heavy + Hwy Work)
(special single + second shift)

Classification (Journey person) Classification Group ^a	Basic Hourly Rate	Hours	Total Hourly Rate	Daily/Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday/Holiday Overtime Hourly Rate (2X)
Assistant to Engineer	\$47.31	8	\$78.94	\$102.60	\$126.25
Group 2-A	\$55.74	8	\$87.37	\$115.24	\$143.11
Truck Crane Assistant to Engineer	\$49.61	8	\$81.24	\$106.05	\$130.85
Assistant to Engineer	\$47.08	8	\$78.71	\$102.25	\$125.79
Group 3-A	\$53.78	8	\$85.41	\$112.30	\$139.19
Truck Crane Assistant to Engineer	\$49.34	8	\$80.97	\$105.64	\$130.31
Hydraulic	\$48.88	8	\$80.51	\$104.95	\$129.39
Assistant to Engineer	\$46.77	8	\$78.40	\$101.79	\$125.17
Group 4-A	\$50.38	8	\$82.01	\$107.20	\$132.39

AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity Counties. (Portions of counties falling in each area detailed below)

Wages and total hourly rates (including employer payments) (Area 2):

Classification (Journey person) Classification Group ^a	Basic Hourly Rate	Hours	Total Hourly Rate	Daily/Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday/Holiday Overtime Hourly Rate (2X)
Group 1	\$58.75	8	\$90.38	\$119.76	\$149.13
Group 2	\$57.02	8	\$88.65	\$117.16	\$145.67
Group 3	\$55.36	8	\$86.99	\$114.67	\$142.35
Group 4	\$53.80	8	\$85.43	\$112.33	\$139.23
Group 5	\$52.38	8	\$84.01	\$110.20	\$136.39
Group 6	\$50.88	8	\$82.51	\$107.95	\$133.39
Group 7	\$49.60	8	\$81.23	\$106.03	\$130.83
Group 8	\$48.33	8	\$79.96	\$104.13	\$128.29
Group 8-A	\$45.82	8	\$77.45	\$100.36	\$123.27
ALL CRANES & ATTACHMENTS:					
Group 1	\$60.48	8	\$92.11	\$122.35	\$152.59
Truck Crane Assistant to Engineer	\$52.65	8	\$84.28	\$110.61	\$136.93
Assistant to Engineer	\$50.06	8	\$81.69	\$106.72	\$131.75
Group 1-A	\$59.73	8	\$91.36	\$121.23	\$151.09
Truck Crane Assistant to Engineer	\$51.90	8	\$83.53	\$109.48	\$135.43
Assistant to Engineer	\$49.31	8	\$80.94	\$105.60	\$130.25
Group 2-A	\$57.74	8	\$89.37	\$118.24	\$147.11
Truck Crane Assistant to Engineer	\$51.61	8	\$83.24	\$109.05	\$134.85
Assistant to Engineer	\$49.08	8	\$80.71	\$105.25	\$129.79
Group 3-A	\$55.78	8	\$87.41	\$115.30	\$143.19
Truck Crane Assistant to Engineer	\$51.34	8	\$82.97	\$108.64	\$134.31
Hydraulic	\$50.88	8	\$82.51	\$107.95	\$133.39
Assistant to Engineer	\$48.77	8	\$80.40	\$104.79	\$129.17
Group 4-A	\$52.38	8	\$84.01	\$110.20	\$136.39

Brooks Tree Farm

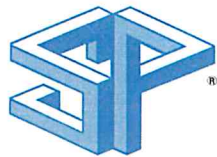
SEEDLINGS, PLUGS, CONTAINERS



2021-2022

Reforestation and Native Trees

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<i>Oemleria cerasiformis</i> Indian Plum		Small deciduous tree grows to 20'. Leaves are oval and lightly cucumber scented. Blooms in late winter with bell shaped flowers that separate looking like little orchids. Purple fruit.				
	252	1-0 Bare Root	12"-24"	1000'	75.00	660.00
			24"+		80.00	720.00
		#1	18"+		4.00 ea	3.25 ea
<i>Physocarpus capitatus</i> Ninebark		Small shrub to 15' has white flowers in tiny round clusters. Fall color is outstanding and shredded bark give winter interest. White flowers become shiny brown seeds.				
	252	1-0 Bare Root	12"-24"	1000'	75.00	660.00
			24"+		80.00	720.00
	261	#1	18"+		4.00 ea	3.25 ea
<i>Picea sitchensis</i> Sitka Spruce		An important, fast growing native timber specie, moisture tolerant and can grow to 200'.				
	062	2-0 Bare Root	8"-15"	500'	65.00	570.00
			15"+		70.00	610.00
<i>Pinus contorta, murrayana</i> Lodgepole Pine		Native to sunny, dry, cold Eastern Oregon. Growth is fast and very straight.				
	681	Plugs	3"-6"	4000'	60.00	540.00
			6"-12"		65.00	570.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/2" +	36 per flat	1.70 ea	1.55 ea
<i>Pinus jeffreyi</i> Jeffrey Pine		Close relative to Ponderosa Pine, it has longer needles, the barrel shaped cones are bigger.				
	Sierra Mts, CA	Plugs	3"-6"		60.00	540.00
			6"+		65.00	570.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/2" +	36 per flat	1.70 ea	1.55 ea
<i>Pinus ponderosa</i> Ponderosa Pine		Straight and tall with very long needles. An important timber specie in the west. Once nearly extinct, the Willamette Valley variety tolerates wet soil. Long lush needles.				
	675, 882, Willamette Valley	Plugs	6"+	1000', 4000', 500'	65.00	570.00
	675, Willamette Valley	2-0 Bare Root	6"-12"	1000', 500'	70.00	610.00
	492, Willamette Valley	P-1 Bare Root	10"+	4000', 500'	85.00	700.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/2" +	36 per flat	1.70 ea	1.55 ea
	492, 653, Willamette Valley	#1	20"-30"		4.00 ea	3.25 ea
<i>Populus trichocarpa</i> Cottonwood		Very fast growing tree, up to 80', heart shaped leaves. Tolerates standing water.				
	261	1-0 Bare Root	12"-24"	500'	65.00	570.00
			24"-36"		70.00	640.00
			36"-48"		75.00	690.00
			48"+		80.00	720.00
<i>Pseudotsuga menziesii</i> Douglas Fir		Oregon's primary timber specie. Fast growing, also good for Christmas tree.				
	SEED SOURCE		ELEVATION		GENETICALLY IMPROVED	
	2	Oregon	1500'-2000'		OS1 (5) High Gain	
	4	Oregon	500'		BTF Orch	
	5	Oregon	2000' -3000'		Cascade High	
	6	Oregon	500'-2000'		Silver Mt	
	8	Oregon	1000'-3000'		Valley Low	
	9	Oregon	2000'-2500'			
	10	Oregon	3500'			
	030	SW Washington	500'			
	(2, 9, 10, Silver Mt)	Plugs	6"-10"		65.00	570.00
	(6, Silver Mt, Cascade High, Valley Low)	Plugs	6"-10"		65.00	570.00
	(2, 4, 5, 6, 8, 9)	2-0 Bare Root	12"+		70.00	610.00
	(2, 6, 9, 10, OS1 HG, Silver Mt)	P-1 Bare Root	12"-24"		85.00	700.00



Growing Forests For Our Future

Sierra Pacific Industries

Almanor District • P.O. Box 101 • Westwood, California 96137 • (530) 251-0241

January 17, 2022

Cortney Flather
County of Lassen, Department of Planning and Building Services
707 Nevada Street, Suite 5
Susanville, CA 96130-3912

RE: CA Mine #91-18-0045, Bridge Creek Cinder Pit FACE

Ms. Flather:

Enclosed is a Surety Bond posted on behalf of Sierra Pacific Industries in the amount of \$27,134.17 to comply with the requirements of the Financial Assurance Cost Estimate for the Bridge Creek Cinder Pit, CA Mine #91-18-0045, as required under PRC Section 2710 et seq.

The Surety Bond meets the FACE requirements for the Bridge Creek Cinder Pit as acknowledged by Lassen County in a letter dated October 1, 2022, by Maurice L. Anderson, Director, County of Lassen Department of Planning and Building Services.

Please contact me if you have any questions at (530) 251-0241.

Sincerely,

Steven W. DeBonis
Almanor District Manager
Sierra Pacific Industries

Cc. Douglas John, Division of Mine Reclamation

RECEIVED

JAN 21 2022

LASSEN COUNTY DEPARTMENT OF
PLANNING AND BUILDING SERVICES

SURETY RIDER

To be attached to and form a part of

Bond No. 30111073

dated February 2, 2021
effective (MONTH-DAY-YEAR)

executed by Sierra Pacific Industries, as Principal,
(PRINCIPAL)

and by Western Surety Company, as Surety,

in favor of Lassen County and State of California, Department of Conservation, Division of Mine Reclamation
(OBLIGEE)

in consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The Bond Amount from:

Twenty-six Thousand One Hundred Twenty-seven & 56/100 (\$26,127.56)

To:


Twenty-seven Thousand One Hundred Thirty-four & 17/100 (\$27,134.17)

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.


This rider
is effective January 12, 2022
(MONTH-DAY-YEAR)

Signed and Sealed January 12, 2022
(MONTH-DAY-YEAR)

Sierra Pacific Industries
(PRINCIPAL)

By: 
(PRINCIPAL)

Western Surety Company
(SURETY)

By: 
Heidi Bockus, Attorney-in-Fact

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint Heidi Bockus

, Individually

of Seattle, Washington, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

Surety Bond Number: 30111073

Principal: Sierra Pacific Industries

Obligee: Lassen County and State of California, Department of Conservation, Division of Mine Reclamation

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 2nd day of February, 2021.

WESTERN SURETY COMPANY



Paul T. Bruflat

Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 2nd day of February, 2021, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent

M. Bent, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 12 day of January, 2022.



WESTERN SURETY COMPANY

L. Nelson

L. Nelson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Washington }

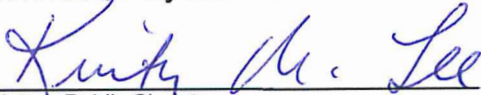
County of King }

On January 12, 2022 before me, Krista M. Lee, Notary Public
(Here insert name and title of the officer)

personally appeared Heidi Bockus,
who 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/her/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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

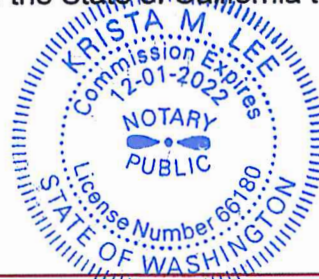
WITNESS my hand and official seal.



Notary Public Signature

(Notary Public Seal)

My Commission Expires: December 1, 2022



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages Document Date

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

(Title)

- ☐ Partner(s)
☐ Attorney-in-Fact
☐ Trustee(s)
☐ Other

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

Public Resources Code Section 2770(h)

(h) (1) Within 90 days of a surface mining operation becoming idle, as defined in Section 2727.1, the operator shall submit to the lead agency for review and approval, an interim management plan. The review and approval of an interim management plan shall not be considered a project for purposes of Division 13 (commencing with Section 21000). The approved interim management plan shall be considered an amendment to the surface mining operation's approved reclamation plan, for purposes of this chapter. The interim management plan shall provide measures the operator will implement to maintain the site in compliance with this chapter, including, but not limited to, all permit conditions.

(2) The interim management plan may remain in effect for a period not to exceed five years, at which time the lead agency shall do one of the following:

(A) Renew the interim management plan for an additional period not to exceed five years, which may be renewed for one additional five-year renewal period at the expiration of the first five-year renewal period, if the lead agency finds that the surface mining operator has complied fully with the interim management plan.

(B) Require the surface mining operator to commence reclamation in accordance with its approved reclamation plan.

(3) The financial assurances required by Section 2773.1 shall remain in effect during the period that the surface mining operation is idle. If the surface mining operation is still idle after the expiration of its interim management plan, the surface mining operation shall commence reclamation in accordance with its approved reclamation plan.

(4) Within 60 days of the receipt of the interim management plan, or a longer period mutually agreed upon by the lead agency and the operator, the lead agency shall review and approve the plan in accordance with its ordinance adopted pursuant to subdivision (a) of Section 2774, so long as the plan satisfies the requirements of this subdivision, and so notify the operator in writing. Otherwise, the lead agency shall notify the operator in writing of any deficiencies in the plan. The operator shall have 30 days, or a longer period mutually agreed upon by the operator and the lead agency, to submit a revised plan.

(5) The lead agency shall approve or deny approval of the revised interim management plan within 60 days of receipt. If the lead agency denies approval of the revised interim management plan, the operator may appeal that action to the lead agency's governing body, which shall schedule a public hearing within 45 days of the filing of the appeal, or a longer period mutually agreed upon by the operator and the governing body.

(6) Unless review of an interim management plan is pending before the lead agency, or an appeal is pending before the lead agency's governing body, a surface mining operation that remains idle for over one year after becoming idle as defined in Section 2727.1 without obtaining approval of an interim management plan shall be considered abandoned and the operator shall commence and complete reclamation in accordance with the approved reclamation plan.

Public Resources Code Section 2727.1

"Idle" means that an operator of a surface mining operation has cmlailed production at the surface mining operation, with the intent to resume the surface mining operation at a future date, for a period of one year or more by more than 90 percent of its maximum annual mineral production within any of the last five years during which an interim management plan has not been approved.

Lassen County Code Section 9.60.120 Interim management plans.

(a) Within ninety days of a surface mining operation becoming idle, as defined in this chapter, the operator shall submit to the planning department an interim management plan (SMARA, Sec. 2770(h)). The interim management plan shall fully comply with the requirements of SMARA, Section 2770(h) and shall provide measures the operator will implement to maintain the site in compliance with SMARA, including, but not limited to, all conditions of the use permit and/or reclamation plan. The interim management plan shall be processed as an amendment to the reclamation plan and shall not be considered a project for the purposes of environmental review (SMARA, Sec. 2770(h)).

(b) Financial assurances for idle operations shall be continued as addressed in the reclamation plan or as otherwise approved through the idle mine's interim management plan.

(c) Within sixty days of receipt of the interim management plan, or a longer period mutually agreed upon by the planning department and the operator, the planning commission shall review and approve or deny the plan in accordance with this chapter. The operator shall have thirty days or a longer period mutually agreed upon by the operator and the planning department to submit a revised plan. The planning commission shall approve or deny the revised interim management plan within sixty days of receipt. If the planning commission denies the revised interim management plan, the operator may appeal that action to the board of supervisors.

(d) The interim management plan may remain in effect for a period not to exceed five years, at which time the planning commission may renew the plan for another period not to exceed five years or require the surface mining operator to commence reclamation in accordance with its approved reclamation plan. (Ord. 509 § 2, 1992).