State of California
DEPARTMENT OF TRANSPORTATION

Business, Transportation and Housing Agency

Memorandum

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To: JOHN THOMAS,
Associate Environmental Planner
Central Sierra Branch

Date: June 11, 2012

File: MNO 395
09-33500
PM: 52.3/53.7

From: JUERGEN VESPERMANN,
Chief
Hazardous Waste and Paleontology Branch

Subject: Hazardous Waste Initial Site Assessment, MNO 395 PM 52.3/53.7.

The Hazardous Waste and Paleontology Branch was requested to perform hazardous waste initial site assessment for the Lee Vining Rockfall project in Mono County, CA. The project proposes to reduce rockfall along US Highway 395 just north of Lee Vining in Mono County.

The project will require new right of way from adjacent public lands. There are two alternatives Alternative 1 has two design options and Alternative 2 is no build. Six slopes have been identified for this project. Slopes 1 and 2 are proposed to be cut, slope 3 will be revegetated, and Slopes 4-6 will be either hybrid system and drapery, hybrid system alone on Slope 5, and anchored mesh for slopes for slopes 4-6 under design option 2.

The following databases were consulted: State Water Resources Control Board's Geotracker, California Integrated Waste Management Board SWIS database, Department of Toxic Substances Control Envirostor database, California Department of Conservation Naturally Occurring Asbestos Map, and Caltrans Photolog. There are no facilities in the project area listed on any of the above databases. The project area is 0.4 mile north of the National Forest Visitor Center Road and 0.7 mile north of Picnic Grounds Road.

There is no existing aerially deposited lead (ADL) data available for the project area. Traffic is not heavy in this rural area and based on studies performed in the rural areas of District 9 ADL is not present in hazardous waste concentrations. A lead compliance plan is recommended to ensure worker safety.

This project is low risk for hazardous waste, no further studies are necessary.

If you have questions regarding this project please contact Susan Greenwood at 559-445-6466.

Attachment: SSP 15-027 Lead Compliance Plan

Hazardous Waste Checklist

Project Description: Reduce rockfall along US 395 PM 52.3/53.7

Environmental Planner: John Thomas

Name of Specialist: Susan Greenwood **Phone:** 559-445-6466

Project Setting:

Urban ☐ Rural X Semi Rural ☐

Current Land Use:

Residential Commercial ☐ Industrial ☐ Light Industrial ☐
Agricultural Recreational ☒ Undeveloped ☐

NOTE ANY AFFIRMATIVE RESPONSES BELOW

STORAGE STRUCTURES / PIPELINES:

Underground tanks	Above ground tanks
Sumps	Ponds
Drums	Basins
Transformers _	Landfill
Stockpiled Soil or other material	Pipelines
Other	

CONTAMINATION: (spills, leaks, illegal dumping, etc.)

Surface staining	Oil sheen
Odors	Vegetation damage
Aerial lead X	Other_____

HAZARDOUS MATERIALS: (Toxic Substances.)

Structures _	Spray-on fireproofing
Pipe wrap/Asbestos Cement Pipe___	Friable tile
Yellow thermoplastic paint	Serpentine
Lead paint	Other _____

Potential Contamination Observed/ Potential Sources of Contamination:

	Study/Document Report	Text Only	Not Anticipated
Hazardous Waste			
ISA	☐	☒	
PSI	☐		

Does this Project meet the qualification on the HW Study Minimal-Risk Projects List (HW1)?

Additional Comments: Lead compliance plan only for ADL.

Duration of Studies: 0 **(in Months)**

Cost of remediation: **($Dollar value)**

Cost of monitoring: **($Dollar value)**

Note: Please fill in the WBS sections below with the appropriate hours. Contract Hours for Remediation or Monitoring will be reported in Hours in the text of the Scoping Checklist. Please Report Above and not in the WBS.

Person Hours									
Level 5	Level 6	Level 7	Level 8	Start Date	End Date	Source Unit	Consultant Hrs.		
								100.20.10	Construction Phase Execution and Control
		80						165.10.50	Perform Preliminary Site Investigation for Hazardous Was
								205.25	Prepare Agreement for Material Sites (Environmental Clearanc
	0							235.10	Perform Detailed Site Investigation for Hazardous Waste
								235.10.05	Obtain Right or Permit for Hazardous Waste Site Investigations
								235.10.10	Perform Surveys to Locate Hazardous Waste Sites
								235.10.15	Conduct Detailed Investigation
								235.15	Develop Hazardous Waste Management Plan
	18							235.20	Prepare Hazardous Waste PS&E
								235.25	Perform Hazardous Waste Clean-up
	24							235.30	Certify Freedom of Hazardous Waste
								235.35	Perform Long Term Mitigation Monitoring

Reviewed By: Susan Greenwood Date: June 11, 2012

Replace section 7-1.02K(6)(j)(iii) with:

7-1.02K(6)(j)(iii) Earth Material Containing Lead

Section 7-1.02K(6)(j)(iii) includes specifications for handling, removing, and disposing of earth material containing lead.

Submit a lead compliance plan.

Lead is present in earth material on the job site. The average lead concentrations are below 1,000 mg/kg total lead and below 5 mg/L soluble lead. Earth material on the job site:

1. Is not a hazardous waste
2. Does not require disposal at a permitted landfill or solid waste disposal facility

Lead is typically found within the top 2 feet of material in unpaved areas of the highway. Reuse all excavated earth material on the right-of-way. Haul and place surplus excavated material on the right-of-way at _____.

Lead has been detected in earth material to a depth of _____ in unpaved areas of the highway. Levels of lead found on the job site range from less than ____ to ____ mg/kg total lead with an average concentration of _____ mg/kg total lead as analyzed by EPA test method 6010 or EPA test method 7000 series and based upon a 95 percent upper confidence limit. Levels of lead found within the project limits have a predicted average soluble concentration of ____ mg/L as analyzed by the California Waste Extraction Test and based upon a 95 percent upper confidence limit.

Handle earth material containing lead under all applicable laws, rules, and regulations, including those of the following agencies:

1. Cal/OSHA
2. CA RWQCB, Region__—_____
3. CA Department of Toxic Substances Control
4. _____

Manage earth material as shown in the following table.

Earth Material Management

Location	Depth	Management requirements

If earth material is disposed of:

1. Disclose the lead concentration of the earth material to the receiving property owner when obtaining authorization for disposal on the property
2. Obtain the receiving property owner's acknowledgment of lead concentration disclosure in the written authorization for disposal
3. You are responsible for any additional sampling and analysis required by the receiving property owner

If you choose to dispose of earth material at a commercial landfill:

1. Transport it to a Class III or Class II landfill appropriately permitted to receive the material
2. You are responsible for identifying the appropriately permitted landfill to receive the earth material and for all associated trucking and disposal costs, including any additional sampling and analysis required by the receiving landfill