



**Matthew Rodriguez**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Barbara A. Lee, Director  
8800 Cal Center Drive  
Sacramento, California 95826-3200



**Edmund G. Brown Jr.**  
Governor

April 30, 2018

Mr. Jim Brake, PG  
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FINAL TARGETED SITE INVESTIGATION WORK PLAN, SIERRA PACIFIC SITE,  
690 TULE CREEK ROAD, HAYFORK, CALIFORNIA

Dear Mr. Brake and Goulette:

In accordance with Agreement 17-T4361 and Work Order (1-361-1.0-102340), the California Department of Toxic Substances Control (DTSC) received the April 2018 Draft Targeted Site Investigation (TSI) Investigation Report (Report) for the former Sierra Pacific Site (Site) located at 690 Tule Creek Road in Hayfork, California. The site consists of approximately 44.6 acres of a 53.9-acre parcel identified by Trinity County assessor's parcel number 014-430-75. The Report documents the laboratory analysis of soil and groundwater sample results in nine areas of concern (AOC). Direct push borings to a maximum of eight feet below the ground surface (bgs) collect soil and groundwater samples. The groundwater is approximately three to six feet bgs and varies on the AOC's location. Only the chemicals of concern (COC) within each of the AOCs were analyzed that were suspected of being present based on the historical operations. The investigation did not analyze each AOC for the same COCs. Since DTSC does not have any comments on the draft Report, DTSC concurs with the Report's recommendations and conclusions and approves completion of Task 3 in the Contract.

The Site is a former lumber mill that is currently occupied by commercial tenants and currently zoned for commercial / industrial use. The lumber mill operated from 1945 to 1965 and burned down circa 1970. The Watershed Research & Training Center (Watershed), which is a non-profit, was awarded a TSI grant to investigate if hazardous substances are in

the soil and groundwater above screening levels used for unrestricted land use. The results of the TSI will be evaluated by the United State Economic Development Administration to determine eligibility for a financial grant to extend a water distribution line. The Report summarizes the soil and groundwater sample results for the following AOC (Refer to Enclosed Figures):

1. Former Sawmill - Pentachlorophenol (PCP) and Trichlorophenol (TCP) were not detected in both the soil and groundwater samples. No contamination was discovered in this AOC.
2. Former boiler room - Shallow soil samples exceeded the dioxin's screening levels for unrestricted land use but were below the commercial / industrial screening level. Additional soil samples should be collected to characterize the vertical and lateral extent of contamination.
3. Former Refuse Burner - Shallow soil samples exceeded the dioxin's screening levels for unrestricted land use but were below the commercial / industrial screening level. Additional soil samples should be collected to characterize the vertical and lateral extent of contamination.
4. Former Log Pond - Shallow soil samples were below the dioxin's screening levels for unrestricted land use.
5. Equipment Shed - Total petroleum hydrocarbons (TPH) as diesel and oil and metals (barium, cobalt, copper, lead, vanadium, and zinc) were detected but were below screening levels for unrestricted land use in the soil. Metals were detected in the grab groundwater results, but were below the screening levels.
6. Former Underground storage tank (UST) area - TPH as diesel and oil were above the screening levels for unrestricted land use in the soil and groundwater. Additional soil samples should be collected to characterize the vertical and lateral extent of contamination.
7. Septic Leach field - TPH as diesel and oil and metals (barium, cobalt, copper, lead, vanadium, and zinc) were detected but were below screening levels for unrestricted use in the soil. Only metals were detected in the grab groundwater results, and they were below the screening levels. Metals were detected in the grab ground sample but were less than screening levels.
8. Former planer mill - PCP and TCP were not detected in both the soil and groundwater samples. No contamination was discovered in this AOC.

Mr. Jim Brake and Mr. Nick Goulette  
April 30, 2018  
Page 3 of 3

9. Former lumber drying slab area - PCP and TCP were not detected in both the soil and groundwater samples. No contamination was discovered in this AOC.

The Report recommends additional investigation near the former boiler room and refuse burner for dioxins in the surficial soil and near the former UST area for TPH as diesel and oil in the soil and groundwater. The United States Environmental Protection Agency (EPA) is now accepting applications for the Targeted Brownfields Assessment (TBA) grant for investigation. DTSC recommends that the Watershed contact Eric Byous from the EPA at (415) 972-3531, or electronic mail at [byous.eric@epa.gov](mailto:byous.eric@epa.gov) for information about the TBA grant.

Geocon should submit an electronic copy of the report to DTSC and a hard copy to Mr. Goulette, who's address is listed above, within 3 days from the date of this letter. Since all tasks in the Contract have been completed, Geocon Consultants should submit within 45 days a final invoice for expenses incurred to complete the Contract.

If you have any questions, please call or email Duane White at (916) 255-3585, or via email at [duane.white@dtsc.ca.gov](mailto:duane.white@dtsc.ca.gov), respectively.

Sincerely,



Fernando Amador, P.E., Chief  
Sacramento Responsible Party Unit  
Brownfields and Environmental Restoration Program  
Department of Toxic Substances Control

Enclosures

cc: (Via email)

Mr. Trevor Hartwell, P.G.  
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LEGEND:

- Approximate Site Boundary
- SS-5 Approximate Soil Boring Location (Lawrence & Associates, 1997)
- SS-2 Approximate Surface Soil Sample Location (Lawrence & Associates, 1997)
- RB-6 Approximate Soil Boring
- RB-8 Approximate Soil and Grab Groundwater Boring
- 1 Site Photograph Location & Orientation
- Approximate Water Line Location
- Former Structure

0-2' < 0.001 < 0.001 COPC Concentration in Soil (mg/kg)

9' < 0.0003 < 0.001 COPC Concentration in Groundwater (µg/L)

Sample Depth

\* = pg/g

\*\* = pg/L

TCP = 2,3,4,6-Tetrachlorophenol

PCP = Pentachlorophenol

DRO = diesel range organics

ORO = oil range organics

2,3,7,8-TCDD TEQ = Tetra chlorodibenzo-p-dioxin  
toxic equivalent concentration

µg/L = micrograms per liter

mg/kg = milligrams per kilogram

pg/L = picograms per liter

pg/g = picograms per gram

0 60  
Scale in Feet



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Sierra Pacific

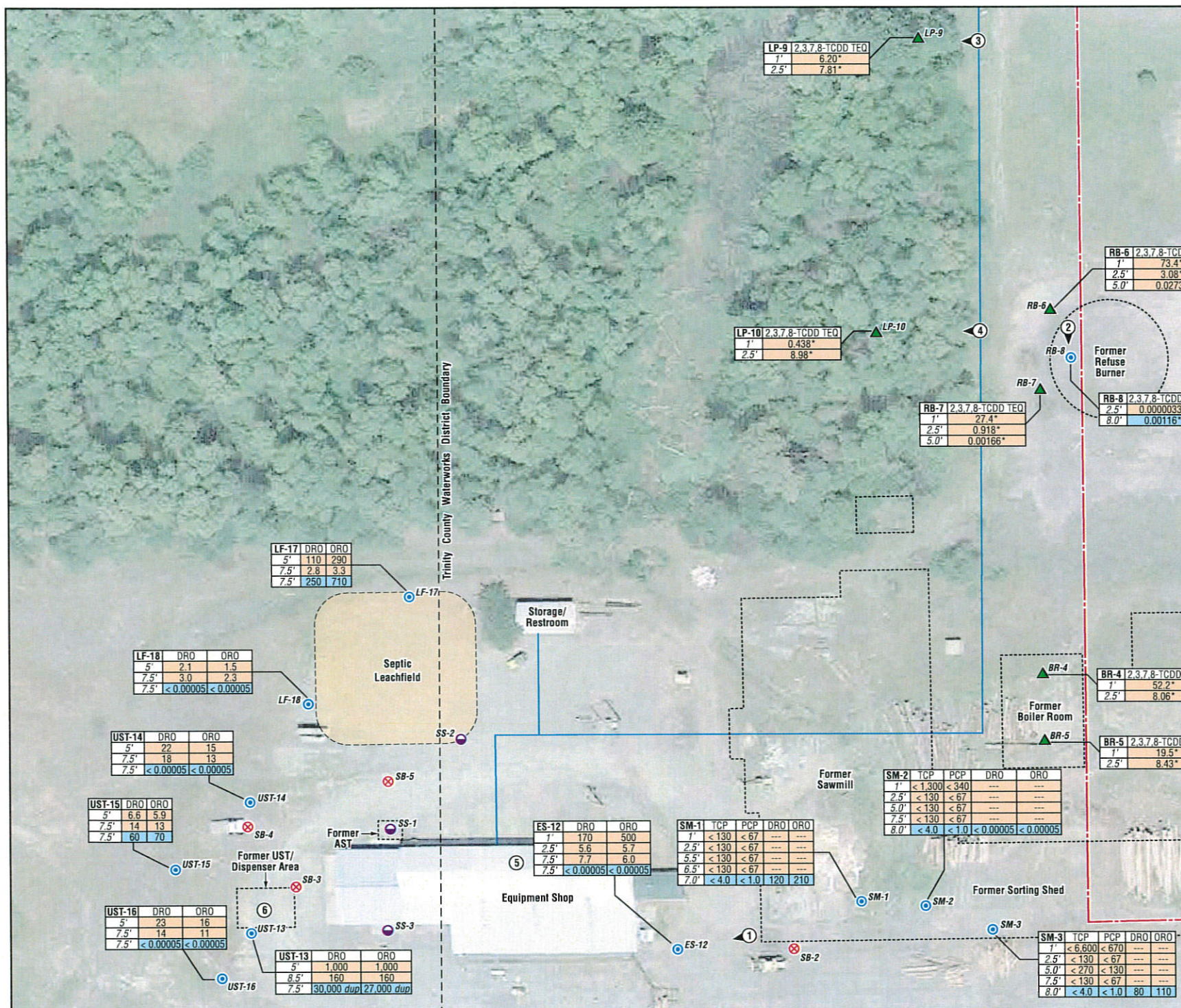
Hayfork, California

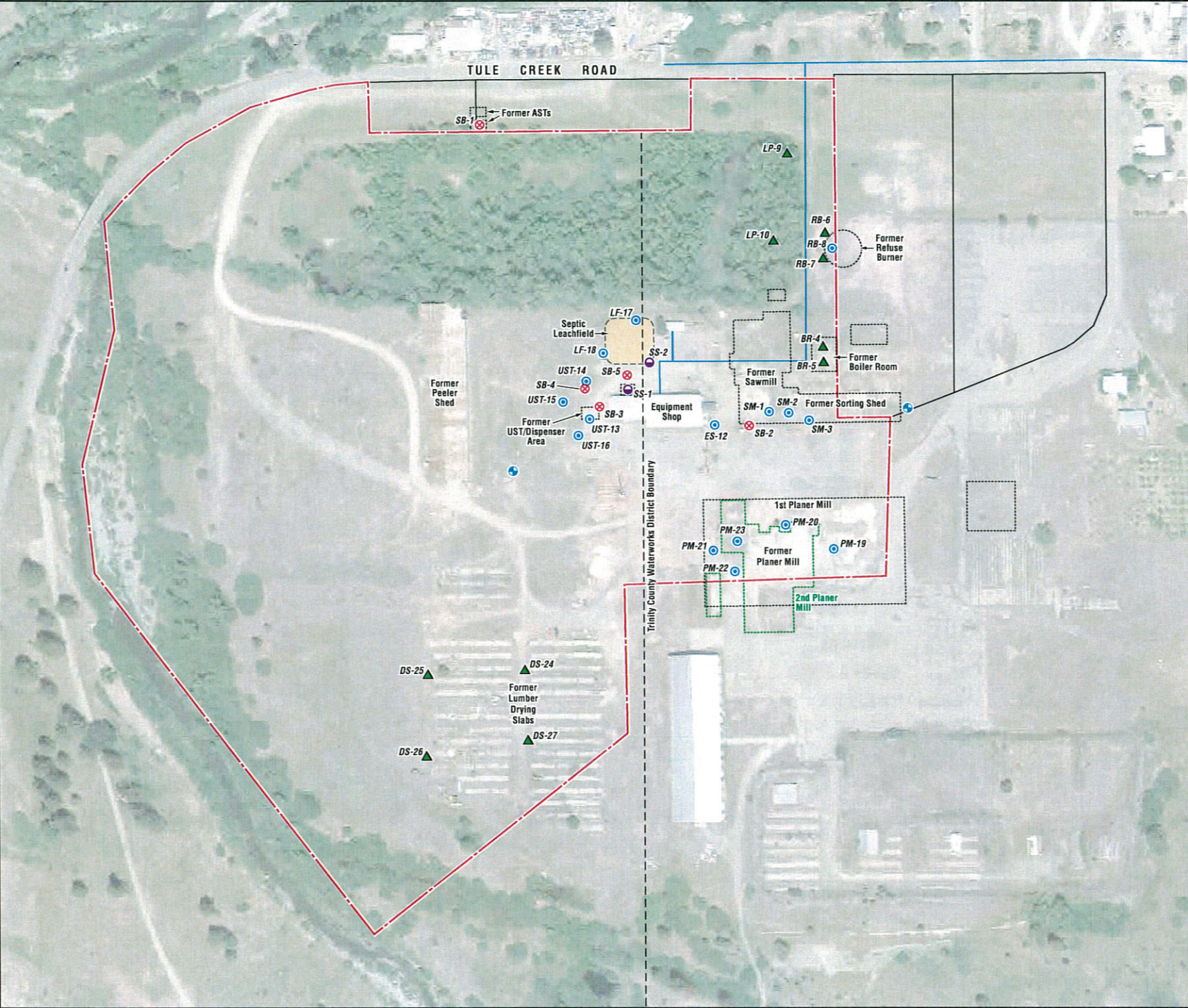
**Chemicals of Potential Concern -  
Former Sawmill / Boiler Room /  
Refuse Burner / Log Pond /  
Equipment Shop / Former UST Area**

S9850-03-31

April 2018

Figure 3-1





LEGEND:

- Approximate Site Boundary
- SS-5 Approximate Soil Boring Location (Lawrence & Associates, 1997)
- DS-24 Approximate Soil Boring Location
- PM-23 Approximate Soil and Grab Groundwater Boring Location
- SS-2 Approximate Surface Soil Sample Location (Lawrence & Associates, 1997)
- Former Water Supply Well Location
- Approximate Water Line Location
- Former Structure





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Sierra Pacific		
Hayfork, California		
SITE PLAN		
S9850-03-31	April 2018	Figure 2