

STATUTORY CHECKLIST – ER14 Fee to Trust

Applicable Statutes, Executive Orders, Regulations

Statutes, Executive Orders, Regulations	Complies	Source Documentation
Historic Preservation [36 CFR 800]	X	Records search & pedestrian survey (Cull, 2020)
Floodplain Management [24 CFR 55, Executive Order 11988]	X	Federal Emergency Management Agency, Mendocino County unincorporated areas, Ca, Community Panel # 06013. Floodplain determination of ER14 by engineer (JCA Associates, 2006)
Wetlands Protection [Executive Order 11990]	X	See text; site disturbed by industrial and agricultural development; site inspections Dudzik & Young (2020)
Coastal Zone Management Act [Sections 307 (c), (d)]	X	Not within coastal zone: Map, Appendix
Sole Source Aquifers [40 CFR 149]	X	Site not within a listed Sole Source Aquifer (USEPA, 2011)
Endangered Species Act [50 CFR 402]	X	USF&W species list, 2/17/22 (Appendix).
Wild and Scenic Rivers Act [Sections 7 (b), (c)]	X	No Wild & Scenic Rivers within project area: USGS Topo Maps: 566C, 566D Quads
Air Quality [Clean Air Act, Sections 176 (c), (d) and 40 CFR 6, 51, 93]	X	Insignificant increase in traffic; would not result in increased emissions beyond attainment levels (CARB, 2019), Refer to text; pg. 48-49
Farmland Protection Policy Act [7 CFR 658]	X	No farmland will be removed from production without USDA Farmland Conversion Impact Rating compliance. Project area not prime farmland
Environmental Justice [Executive Order 12898]	X	Proposed Action will improve conditions for Tribal community - increased access to federal programs and potential economic benefits.

HUD Environmental Standards	Complies	Source Documentation
Noise Abatement and Control [24 CFR 51 B]	X	Proposed Action will not impact noise in the area; refer to text; pgs. 55, 63.
Toxic or Hazardous Substances and Radioactive Materials [HUD Notice 79-33]	X	No known or observed hazards: Level I Contaminant Surveys Dudzik & Young (2019, 2020). Environmental records search (EDR, 2019).
Siting of HUD-Assisted Projects Near Hazardous Operations [24 CFR 51 C]	X	No known or observed hazards: Field observations (Young, 2006). Environmental records search (EDR, 2006, 2012, 2020). Level I Contaminant Surveys (2013, 2021)
Airport Clear Zones and Accident Potential Zones [24 CFR 51 D]	X	List - Designated Primary and Commercial Service Airports (HUD, 2002).

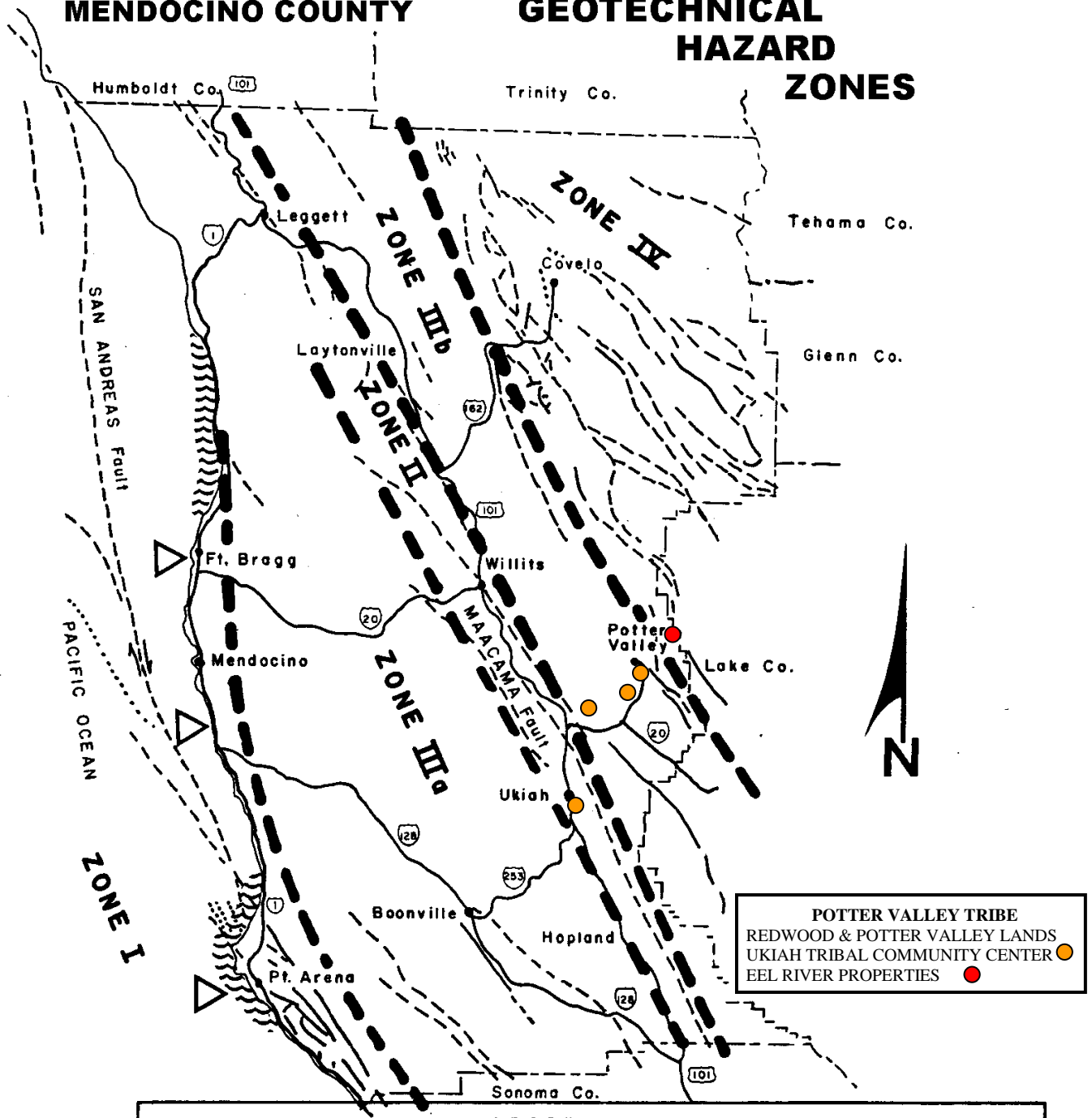
PVT – ER14 PROPERTY AERIAL VIEW, Potential Development Areas

The PVT wishes to develop the ER14 property with a hardware/camp retail store (10,000 sf), yard (15,000 sf), parking (1,500 sf) and a maintenance garage/office (5,000 sf) for vehicles and land management equipment, with a total footprint of 0.72 acres. There is the potential for construction of seasonal camping facilities on the lower, northern portion along the river.



MENDOCINO COUNTY

GEOTECHNICAL HAZARD ZONES



POTTER VALLEY TRIBE
 REDWOOD & POTTER VALLEY LANDS
 UKIAH TRIBAL COMMUNITY CENTER ●
 EEL RIVER PROPERTIES ●

LEGEND							
Symbol	Fault Feature	Hazard Potential	Zone I San Andreas Fault	Zone II Macama Fault	Central Zone IIIa Coastal Belt	County Zone IIIb Eastern Belt	Zone IV Northeast Belt
—	Known	Ground Shaking	High	H	M	M	L
- - - -	Inferred	Surface Faulting	H	N	L	L	L
.....	Concealed	Landslides	Medium	H	M	N	H
- - - -	Zone Line Approx.	Tsunami	M - H	O	L	O	O
	Tsunami Potential	Seiche	Low	L	L	L	L
△	Harbor Damage	Liquefaction	L - M	L - M	L	L	L

County Planning Dept Scale 1"=12mi. Date Apr 80 Source: Cal Div. Mines & CDF drawn by jdt?

ER14

17200 Eel River Rd.
Potter Valley, CA 95469

Inquiry Number: 5642010.2s
May 03, 2019

The EDR Radius Map™ Report with GeoCheck®



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

17200 EEL RIVER RD.
POTTER VALLEY, CA 95469

COORDINATES

Latitude (North): 39.3812720 - 39° 22' 52.57"
Longitude (West): 123.1010240 - 123° 6' 3.68"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 491299.1
UTM Y (Meters): 4358884.0
Elevation: 1513 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5629274 VAN ARSDALE RESERVOIR, CA
Version Date: 2012

Southeast Map: 5629268 POTTER VALLEY, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140605
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 17200 EEL RIVER RD.
 POTTER VALLEY, CA 95469

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LEIF BIERER	17200 EEL RIVER ROAD	CHMIRS, ENF		TP
A2	LOUISIANA PACIFIC /P	17200 EEL RIVER ROAD	CPS-SLIC, DEED, CERS		TP
A3	PG & E	17200 EEL RIVER RD	HAZNET		TP
A4		17200 EEL RIVER ROAD	ERNS		TP
B5	POTTER VALLEY SAWMIL	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B6	POTTER VALLEY SAWMIL	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B7	LOUISIANA PACIFIC CO	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B8	LOUISIANA PACIFIC CO	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B9	LOUISIANA PACIFIC CO	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B10	LP POTTER VALLEY SAW	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B11	LOUISIANA PACIFIC COR	17380 VAN ARSDALE RO	Notify 65	Higher	3811, 0.722, West
B12	LOUISIANA-PACIFIC CO	17380 VAN ARSDALE RD	RCRA-SQG, ENVIROSTOR, HIST UST, FINDS, ECHO	Higher	3811, 0.722, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LEIF BIERER 17200 EEL RIVER ROAD POTTER VALLEY, CA 95469	CHMIRS OES Incident Number: 1-4908 OES Incident Number: 12-2037 ENF Status: Historical Status: Active Facility Id: 843692	N/A
LOUISIANA PACIFIC /P 17200 EEL RIVER ROAD POTTER VALLEY, CA 95469	CPS-SLIC Database: CPS-SLIC, Date of Government Version: 12/10/2018 Global Id: T0604593575 Facility Status: Completed - Case Closed DEED Status: COMPLETED - CASE CLOSED Envirostor ID: T0604593575 CERS	N/A
PG & E 17200 EEL RIVER RD POTTER VALLEY, CA 95469	HAZNET GEPaid: CAC002597636	N/A
17200 EEL RIVER ROAD 17200 EEL RIVER ROAD POTTER VALLEY, CA	ERNS NRC Report #: 1008002	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
 Proposed NPL..... Proposed National Priority List Sites
 NPL LIENS..... Federal Superfund Liens

EXECUTIVE SUMMARY

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

EXECUTIVE SUMMARY

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

CERS HAZ WASTE..... CERS HAZ WASTE

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

PFAS..... PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing

HIST UST..... Hazardous Substance Storage Container Database

CERS TANKS..... California Environmental Reporting System (CERS) Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

LDS..... Land Disposal Sites Listing

MCS..... Military Cleanup Sites Listing

SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated

EXECUTIVE SUMMARY

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing

EXECUTIVE SUMMARY

WDS.....	Waste Discharge System
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
WIP.....	Well Investigation Program Case List
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to,

EXECUTIVE SUMMARY

identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/28/2019 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOUISIANA-PACIFIC CO Facility Id: 23240001 Status: Refer: RWQCB	17380 VAN ARSDALE RD	W 1/2 - 1 (0.722 mi.)	B12	19

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there are 7 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POTTER VALLEY SAWMIL	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B5	17
POTTER VALLEY SAWMIL	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B6	18
LOUISIANA PACIFIC CO	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B7	18
LOUISIANA PACIFIC CO	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B8	18
LOUISIANA PACIFIC CO	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B9	18
LP POTTER VALLEY SAW	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B10	19
LOUISIANA PACIFIC COR	17380 VAN ARSDALE RO	W 1/2 - 1 (0.722 mi.)	B11	19

EXECUTIVE SUMMARY

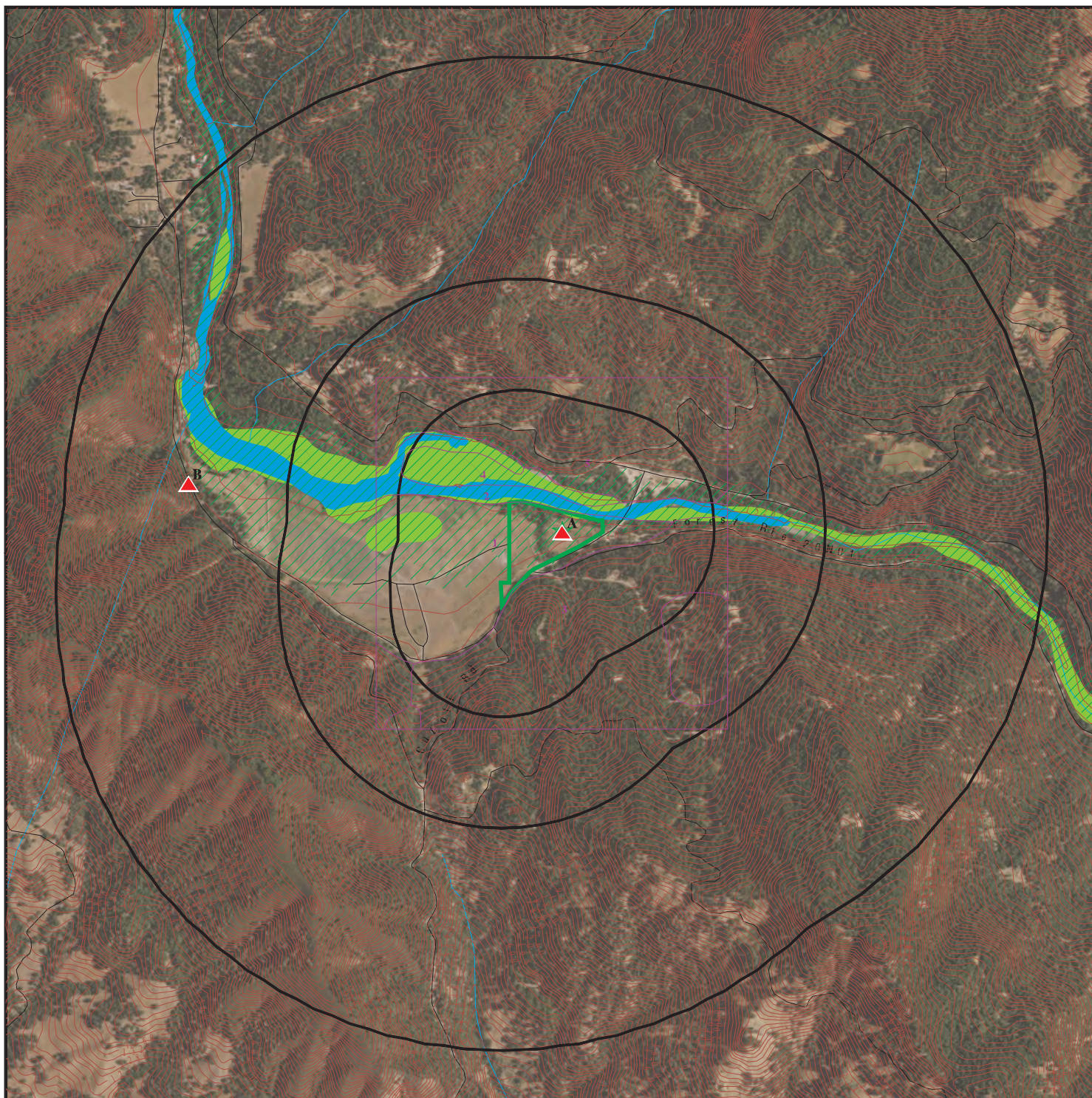
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name


Database(s)


CDL
CDL

OVERVIEW MAP - 5642010.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites




 Indian Reservations BIA

 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Areas of Concern

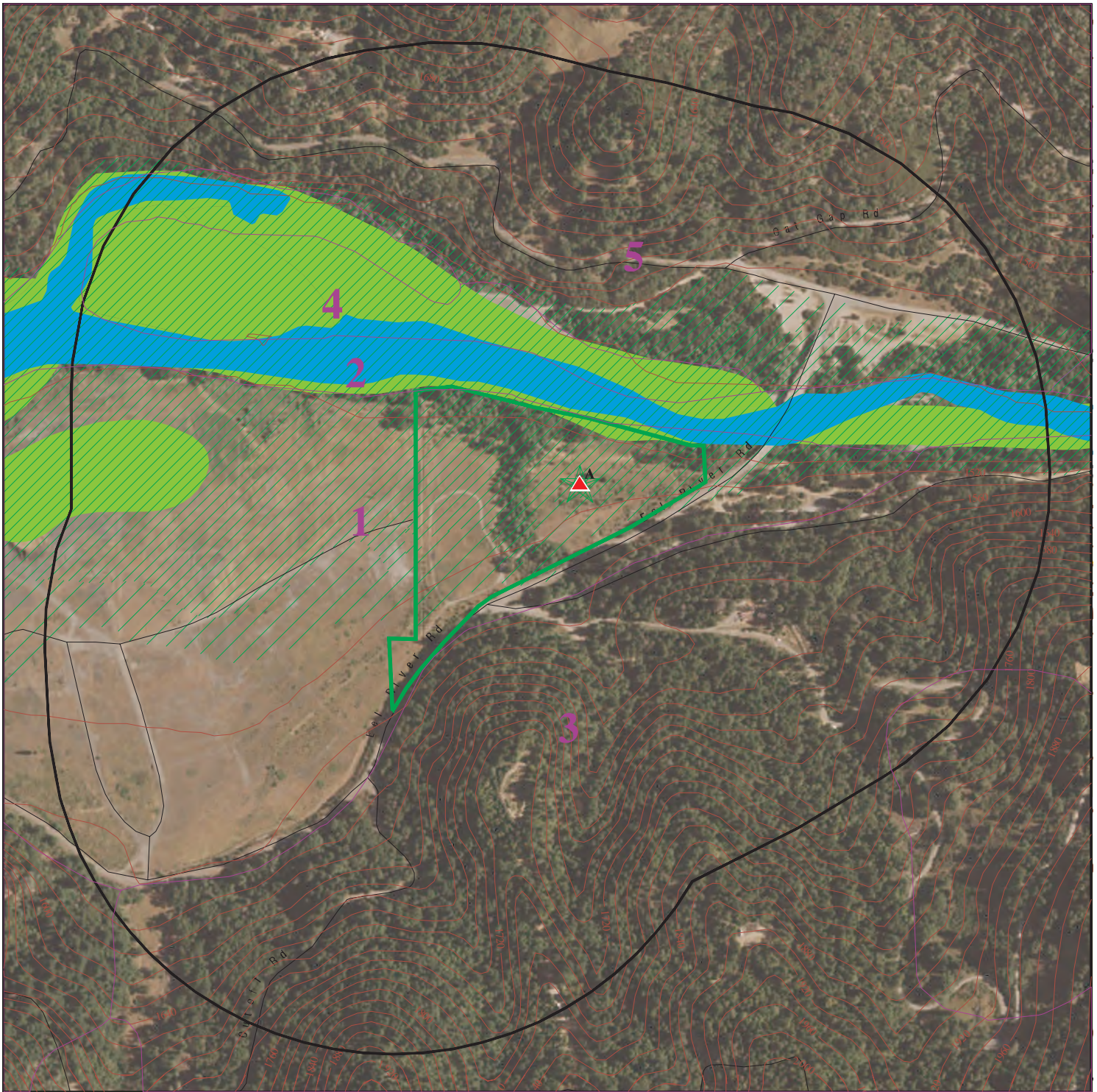


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: ER14
 ADDRESS: 17200 Eel River Rd.
 Potter Valley CA 95469
 LAT/LONG: 39.381272 / 123.101024

CLIENT: Gregg A. Young M.A.
 CONTACT: Gregg Young
 INQUIRY #: 5642010.2s
 DATE: May 03, 2019 8:22 pm

DETAIL MAP - 5642010.2S



Target Property

Sites at elevations higher than or equal to the target property

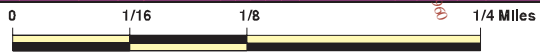
Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: ER14
 ADDRESS: 17200 Eel River Rd.
 Potter Valley CA 95469
 LAT/LONG: 39.381272 / 123.101024

CLIENT: Gregg A. Young M.A.
 CONTACT: Gregg Young
 INQUIRY #: 5642010.2s
 DATE: May 03, 2019 8:24 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001	1	0	NR	NR	NR	NR	1
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500	1	0	0	0	NR	NR	1
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500	1	0	0	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001	1	0	NR	NR	NR	NR	1
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A1 LEIF BIERER
Target 17200 EEL RIVER ROAD
Property POTTER VALLEY, CA 95469

CHMIRS S108216799
ENF N/A

Site 1 of 4 in cluster A

Actual:
1513 ft.

CHMIRS:
OES Incident Number: 1-4908
OES notification: 08/18/2011
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: Russian River
Spill Site: Waterways
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 830
Year: 2011
Agency: PG&E
Incident Date: 8/18/2011
Admin Agency: Mendocino County Health Department
Amount: Not reported
Contained: Yes
Site Type: Russian River
E Date: Not reported
Substance: Food Grade Hydraulic Oil
Quantity Released: 2-Jan
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LEIF BIERER (Continued)

S108216799

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	<p>Caller states a hydraulic line ruptured on a fish gate which resulted in the release. Caller states substance is contained to the fish gate chamber. Caller states clean-up/recovery crew is on scene. Caller states water ways will not be impacted.</p>
OES Incident Number:	12-2037
OES notification:	04/06/2012
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Russian River
Spill Site:	Waterways
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEIF BIERER (Continued)

S108216799

Date/Time: 1209
Year: 2012
Agency: PG&E
Incident Date: 4/6/2012
Admin Agency: Mendocino County Health Department
Amount: Not reported
Contained: Yes
Site Type: Russian River
E Date: Not reported
Substance: Food Grade Hydraulic Oil
Quantity Released: .25-2
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatales: Not reported
Comments: Not reported
Description: Caller states a hydraulic line broke at Van Arsdale fish screen. Caller state substance released to the Russian River. Caller states substance is boomed and crews are conducting clean-up.

ENF:

Region: 1
Facility Id: 843692
Agency Name: Bierer, Leif
Place Type: Irrigated Land
Place Subtype: Cannabis Site
Facility Type: Agricultural
Agency Type: Privately-Individual
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEIF BIERER (Continued)

S108216799

Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Erosion wastes
Facility Waste Type 2:	Irrigation runoff
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	IRRICANNABIS
Program Category1:	IRRI
Program Category2:	IRRI
# Of Programs:	1
WDID:	1B171534CMEN
Reg Measure Id:	418686
Reg Measure Type:	Enrollee - Waiver
Region:	1
Order #:	R1-2015-0023
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2500
Status:	Active
Status Date:	01/10/2018
Effective Date:	07/31/2017
Expiration/Review Date:	08/13/2020
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	49 - Cannabis Cultivation
Direction/Voice:	Passive
Enforcement Id(EID):	424234
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	05/17/2018
Adoption/Issuance Date:	05/17/2018
Achieve Date:	Not reported
Termination Date:	05/18/2018
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 05/17/2018 for Bierer, Leif
Description:	Not reported
Program:	IRRICANNABIS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEIF BIERER (Continued)

S108216799

Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

A2 **LOUISIANA PACIFIC /POTTER VALLEY SAWMILL**
Target **17200 EEL RIVER ROAD**
Property **POTTER VALLEY, CA 95469**

CPS-SLIC **S118504608**
DEED **N/A**
CERS

Site 2 of 4 in cluster A

Actual:
1513 ft.

CPS-SLIC:
Site Name: LOUISIANA PACIFIC /POTTER VALLEY SAWMILL
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/15/2017
Global Id: T0604593575
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 39.3786704196719
Longitude: -123.107130454956
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: MENDOCINO COUNTY
RB Case Number: 1NMC406
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Other Groundwater (uses other than drinking water), Sediments, Soil, Surface water, Well used for drinking water supply

Potential Contaminants of Concern: Dioxin / Furans, Other Insecticides / Pesticide / Fumigants / Herbicides, Pentachlorophenol (PCP), Diesel, Waste Oil / Motor / Hydraulic / Lubricating

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

DEED:

Envirostor ID: T0604593575
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 12/27/2016
File Name: Geotracker Land Use/Deed Restrictions

CERS TANKS:

Site ID: 214074
CERS ID: T0604593575
Site Name: LOUISIANA PACIFIC /POTTER VALLEY SAWMILL
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA PACIFIC /POTTER VALLEY SAWMILL (Continued)

S118504608

Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

**A3
Target
Property**

**PG & E
17200 EEL RIVER RD
POTTER VALLEY, CA 95469**

**HAZNET S112949721
N/A**

Site 3 of 4 in cluster A

**Actual:
1513 ft.**

HAZNET:
Site Name: PG & E
Year: 2005
GEPaid: CAC002597636
Contact: MARIANO MANDLER
Telephone: 5308895061
Mailing Name: Not reported
Mailing Address: 343 SACRAMENTO ST
Mailing City,St,Zip: AUBURN, CA 95603
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Disposal, Land Fill
Tons: 1.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Mendocino

**A4
Target
Property**

**17200 EEL RIVER ROAD
POTTER VALLEY, CA**

**ERNS 2012008002
N/A**

Site 4 of 4 in cluster A

**Actual:
1513 ft.**

Incident Commons:
NRC Report #: 1008002
Description of Incident: CALLER REPORTED A HYDRAULIC LINE BROKE AND DISCHARGED FOOD GRADE HYDRAULIC OIL INTO THE RUSSIAN RIVER.
Type of Incident: FIXED
Incident Cause: EQUIPMENT FAILURE
Incident Date Time: 2012-04-06 12:09:00
Incident DTG: OCCURRED
Incident Location: VAN ARSDALE FISH SCREEN
Loaction Address: 17200 EEL RIVER ROAD
Location Street 1: Not reported
Location Street 2: Not reported
Location Nearest City: POTTER VALLEY
Location State: CA
Location County: MENDOCINO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012008002

Location Zip: Not reported
Distance From City: Not reported
Distance Units: Not reported
Direction From City: Not reported
Lat Deg: Not reported
Lat Min: Not reported
Lat Sec: Not reported
Lat Quad: Not reported
Long Deg: Not reported
Long Min: Not reported
Long Sec: Not reported
Long Quad: Not reported
Location Section: Not reported
Location Township: Not reported
Location range: Not reported
Potential Range: N

Incidents:

NRC Report #: 1008002
Aircraft Type: Not reported
Aircraft Model: Not reported
Aircraft ID: Not reported
Aircraft Fuel Capacity: Not reported
Aircraft Fuel Capacity Units: Not reported
Aircraft Fuel on Board: Not reported
Aircraft Fuel on Board Units: Not reported
Aircraft Spot Number: Not reported
Aircraft Hanger: Not reported
Aircraft Runway Number: Not reported
Road Mile Marker: Not reported
Building ID: Not reported
Type of Fixed Object: POWER PLANT
Power Generating Facility: Y
Generating Capacity: 10 MEGAWATTS
Type of Fuel: Not reported
NPDES: Not reported
NPDES Compliance: U
Pipeline Type: Not reported
DOT Regulated: U
Pipeline Above Ground: ABOVE
Exposed Underwater: N
Pipeline Covered: U
Railroad Hotline: Not reported
Grade Crossing: U
Location Subdivision: Not reported
Railroad Milepost: Not reported
Type Vehicle Involved: Not reported
Crossing Device Type: Not reported
Device Operational: U
DOT Crossing Number: Not reported
Brake Failure: U
Description of Tank: Not reported
Tank Above Ground: ABOVE
Transportable Container: U
Tank Regulated: U
Tank Regulated By: Not reported
Tank ID: Not reported
Capacity of Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012008002

Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSF Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	U
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported
Other Employee Testing:	Not reported
Unknown Testing:	Not reported
Passenger Handling:	Not reported
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details:

NRC Report #:	1008002
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	Not reported
Who Evacuated:	Not reported
Radius of Evacuation:	Not reported
Any Injuries:	N
Number Injured:	Not reported
Number Hospitalized:	Not reported
Any Fatalities:	N
Number Fatalities:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012008002

Any Damages: N
Damage Amount: Not reported
Air Corridor Closed: N
Air Corridor Desc: Not reported
Air Closure Time: Not reported
Waterway Closed: N
Waterway Desc: Not reported
Waterway Closure Time: Not reported
Road Closed: N
Road Desc: Not reported
Road Closure Time: Not reported
Closure Direction: Not reported
Major Artery: N
Track Closed: N
Track Desc: Not reported
Track Closure Time: Not reported
Media Interest: NONE
Medium Desc: WATER
Additional Medium Info: RUSSIAN RIVER
Body of Water: RUSSIAN RIVER
Tributary of: Not reported
Release Secured: Y
Estimated Duration of Release: Not reported
Release rate: Not reported
Desc Remedial Action: BOOMS DEPLOYED, MATERIAL CONTAINED, CREWS ON SITE FOR CLEAN UP.
State Agency on Scene: NONE
State Agency Report Number: 12-2037
Other Agency Notified: Not reported
Weather Conditions: SUNNY
Air Temperature: Not reported
Wind Speed: Not reported
Wind Direction: Not reported
Water Supply Contaminated: N
Sheen Size: Not reported
Sheen Color: Not reported
Direction of Sheen Travel: Not reported
Sheen Odor Description: Not reported
Wave Condition: Not reported
Current Speed: Not reported
Current Direction: Not reported
Water Temperature: Not reported
Track Close Dir: Not reported
Empl Fatality: Not reported
Pass Fatality: Not reported
Community Impact: Not reported
Wind Speed Unit: Not reported
Employee Injuries: Not reported
Passenger Injuries: Not reported
Occupant Fatality: Not reported
Current Speed Unit: Not reported
Road Closure Units: Not reported
Track Closure Units: Not reported
Sheen Size Units: Not reported
Additional Info: NO ADDITIONAL INFORMATION.
State Agency Notified: CA OES, COUNTY
Federal Agency Notified: NONE
nearest River Mile Marker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

2012008002

Sheen Size Length: Not reported
Sheen Size Length Units: Not reported
Sheen Size Width: Not reported
Sheen Size Width Units: Not reported
Offshore: N
Duration Unit: Not reported
Release Rate Unit: Not reported
Release Rate Rate: Not reported
Passengers Transferred: NO

Calls:

NRC Report #: 1008002
Site ID: 20121008002
Date Time Received: 2012-04-06 19:32:51
Date Time Complete: 2012-04-06 19:38:04
Call Type: INC
Responsible Company: PACIFIC GAS AND ELECTRIC
Responsible Org Type: PUBLIC UTILITY
Responsible City: POTTER VALLEY
Responsible State: CA
Responsible Zip: 95469
On Behalf: Not reported
Source: TELEPHONE

Material Involved:

NRC Report #: 1008002
Chris Code: OHY
Case Number: 000000-00-0
UN Number: Not reported
Amount of Material: 1
Unit of Measure: GALLON(S)
Name of Material: HYDRAULIC OIL
If Reached Water: YES
Amount in Water: 1
Unit of Measure Reach Water: GALLON(S)

B5 **POTTER VALLEY SAWMILL**
West **17380 VAN ARSDALE ROAD**
1/2-1 **POTTER VALLEY, CA 93728**
0.722 mi.
3811 ft. **Site 1 of 8 in cluster B**

Notify 65 **S100178204**
N/A

Relative:
Higher
Actual:
1533 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B6 West 1/2-1 0.722 mi. 3811 ft.	POTTER VALLEY SAWMILL 17380 VAN ARSDALE ROAD POTTER VALLEY, CA 93728 Site 2 of 8 in cluster B	Notify 65	S100178205 N/A
Relative: Higher	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported		
Actual: 1533 ft.	Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		
B7 West 1/2-1 0.722 mi. 3811 ft.	LOUISIANA PACIFIC CORP 17380 VAN ARSDALE ROAD POTTER VALLEY, CA 93728 Site 3 of 8 in cluster B	Notify 65	S100178224 N/A
Relative: Higher	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported		
Actual: 1533 ft.	Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		
B8 West 1/2-1 0.722 mi. 3811 ft.	LOUISIANA PACIFIC CORPORTATION 17380 VAN ARSDALE ROAD POTTER VALLEY, CA 93728 Site 4 of 8 in cluster B	Notify 65	S100178330 N/A
Relative: Higher	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported		
Actual: 1533 ft.	Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		
B9 West 1/2-1 0.722 mi. 3811 ft.	LOUISIANA PACIFIC CORP 17380 VAN ARSDALE ROAD POTTER VALLEY, CA 93728 Site 5 of 8 in cluster B	Notify 65	S100178486 N/A
Relative: Higher	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported		
Actual: 1533 ft.	Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA PACIFIC CORP (Continued)

S100178486

Issue Date: Not reported
Incident Description: Not reported

B10
West
1/2-1
0.722 mi.
3811 ft.

LP POTTER VALLEY SAWMILL
17380 VAN ARSDALE ROAD
POTTER VALLEY, CA 93728

Notify 65 **S100178518**
N/A

Site 6 of 8 in cluster B

Relative:
Higher
Actual:
1533 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

B11
West
1/2-1
0.722 mi.
3811 ft.

LOUISIANA PACIFIC CORP.
17380 VAN ARSDALE ROAD
POTTER VALLEY, CA 93728

Notify 65 **S100178087**
N/A

Site 7 of 8 in cluster B

Relative:
Higher
Actual:
1533 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

B12
West
1/2-1
0.722 mi.
3811 ft.

LOUISIANA-PACIFIC CORP POTTER VLY SAWML
17380 VAN ARSDALE RD
POTTER VALLEY, CA 95469

RCRA-SQG **1000262979**
ENVIROSTOR **CAD093077121**
HIST UST
FINDS
ECHO

Site 8 of 8 in cluster B

Relative:
Higher
Actual:
1533 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: LOUISIANA-PACIFIC CORP POTTER VLY SAWML
Facility address: 17380 VAN ARSDALE RD
POTTER VALLEY, CA 95469
EPA ID: CAD093077121
Mailing address: P O BOX 120
UKIAH, CA 95482
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP POTTER VLY SAWML (Continued)

1000262979

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: LOUISIANA PACIFIC CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/15/1980
Site name: LOUISIANA-PACIFIC CORP POTTER VLY SAWML
Classification: Large Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP POTTER VLY SAWML (Continued)

1000262979

ENVIROSTOR:

Facility ID: 23240001
Status: Refer: RWQCB
Status Date: 12/15/1988
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 02
Senate: 02
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 39.38222
Longitude: -123.1161
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * ORGANIC SOLIDS WITH HALOGENS * OTHER ORGANIC SOLIDS * CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: POTTER VALLEY SAWMILL (LOUISIANA-PACIF)
Alias Type: Alternate Name
Alias Name: CAD093077121
Alias Type: EPA Identification Number
Alias Name: 23240001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/20/1987
Comments: FACILITY IDENTIFIED INFO ACQUIRED FROM A REPORT ADDRESSED TO NCRWQCB. SITE SCREENING DONE MORE INFO NEEDED TO FULLY DETERMINE THE HAZARD POTENTIAL, PENDING INVESTIGATION UNDER WATER BOARD LEAD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 08/16/1988
Comments: SITE INSP DONE PENTACHLOROPHENOL CONFIRMED IN SOIL. HIGH LEVELS OF PCP DETECTED UNDER FORMER APPLICATION AREAS. RECOMMENDATION: LISTING SITE INSPECTION (LSI).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 01/11/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP POTTER VLY SAWML (Continued)

1000262979

Comments: SELF MONITORING RWQCB WASTE DISCHARGE REQUIREMENTS ORDER #87-32 ID#
1B820430MEN NPDES NO. CA0005860 PRELIM ASSESS DONE SI TO ENCOMPASS
THE EXTENT OF SOIL AND GRD WTR CONTMN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/20/1987
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:

File Number: 000297EB
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000297EB.pdf>
Region: STATE
Facility ID: 00000054994
Facility Type: Other
Other Type: LUMBER MANUF.
Contact Name: O'HAIR CHEVRON
Telephone: 7077431181
Owner Name: LOUISIANA-PACIFIC CORPORATION
Owner Address: 111 S.W. FIFTH AVENUE
Owner City,St,Zip: PORTLAND, OR 97204
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1978
Tank Capacity: 00010000
Tank Used for: PRODUCT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP POTTER VLY SAWML (Continued)

1000262979

Type of Fuel: DIESEL
Container Construction Thickness: 1/2"
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110002663911

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000262979
Registry ID: 110002663911
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002663911>

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MENDOCINO COUNTY	S107537911		BRIDGE OVER EEL RIVER N OF POT		CDL
POTTER VALLEY	S107534518		5 MI NORTH OF COUNTY/EEL RIVER	95469	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ER14
17200 EEL RIVER RD.
POTTER VALLEY, CA 95469

TARGET PROPERTY COORDINATES

Latitude (North):	39.381272 - 39° 22' 52.58"
Longitude (West):	123.101024 - 123° 6' 3.69"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	491299.1
UTM Y (Meters):	4358884.0
Elevation:	1513 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5629274 VAN ARSDALE RESERVOIR, CA
Version Date:	2012
Southeast Map:	5629268 POTTER VALLEY, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

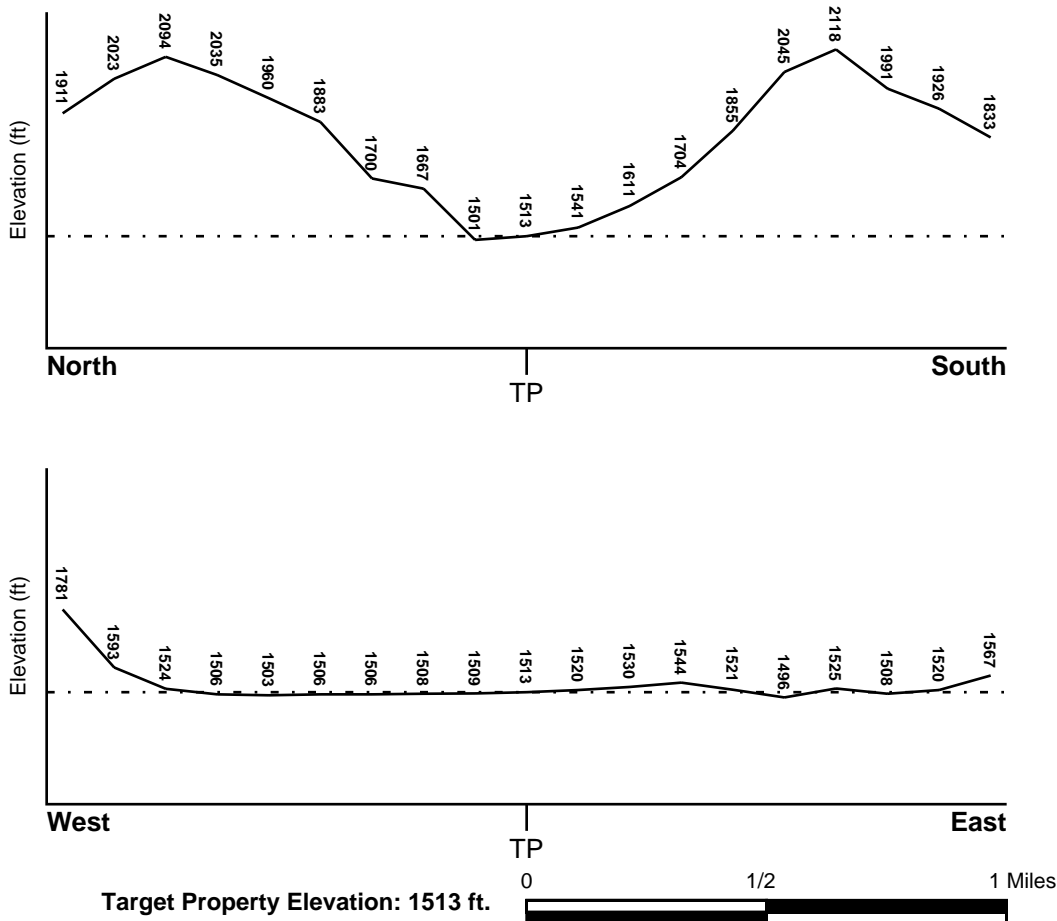
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06045C1163F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06045C1164F	FEMA FIRM Flood data
06045C1350F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

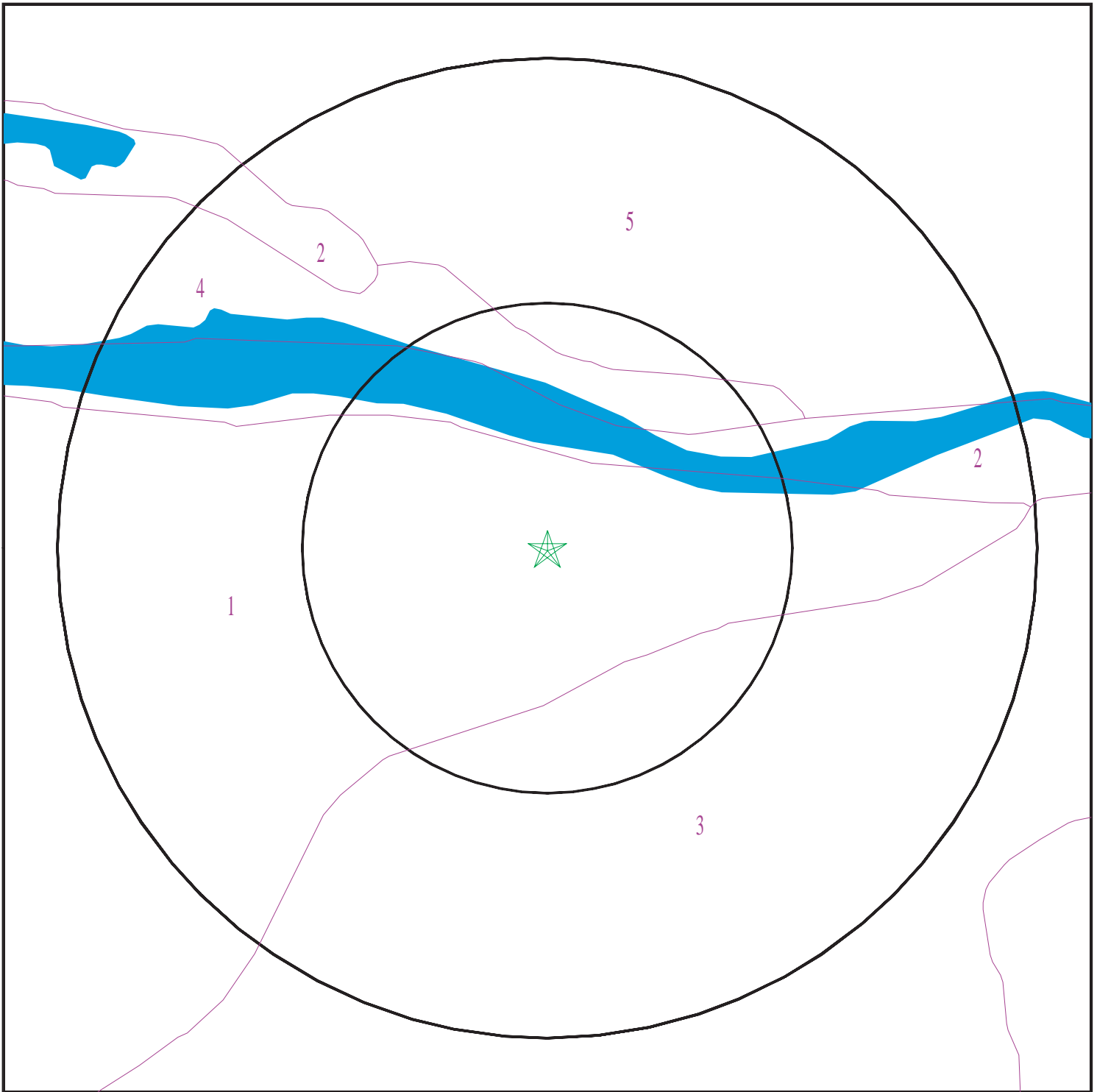
Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK <i>(decoded above as Era, System & Series)</i>

GEOLOGIC AGE IDENTIFICATION

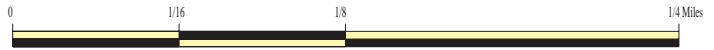
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5642010.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: ER14
ADDRESS: 17200 Eel River Rd.
Potter Valley CA 95469
LAT/LONG: 39.381272 / 123.101024

CLIENT: Gregg A. Young M.A.
CONTACT: Gregg Young
INQUIRY #: 5642010.2s
DATE: May 03, 2019 8:24 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: PINOLE

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
2	9 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
3	37 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: SANHEDRIN

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches		Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	12 inches	42 inches		Not reported	Not reported	Max: Min:	Max: Min:
3	42 inches	46 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Xerofluvents

Soil Surface Texture: very gravelly sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	very gravelly sandy loam	Not reported	Not reported	Max: 141 Min: 42	Max: 7.3 Min: 6.6
2	14 inches	29 inches	sand	Not reported	Not reported	Max: 141 Min: 42	Max: 7.3 Min: 6.6
3	29 inches	48 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 7.3 Min: 6.6
4	48 inches	59 inches	gravelly sand	Not reported	Not reported	Max: 141 Min: 42	Max: 7.3 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: HOPLAND

Soil Surface Texture:
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches		Not reported	Not reported	Max: Min:	Max: Min:
2	11 inches	31 inches		Not reported	Not reported	Max: Min:	Max: Min:
3	31 inches	35 inches		Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

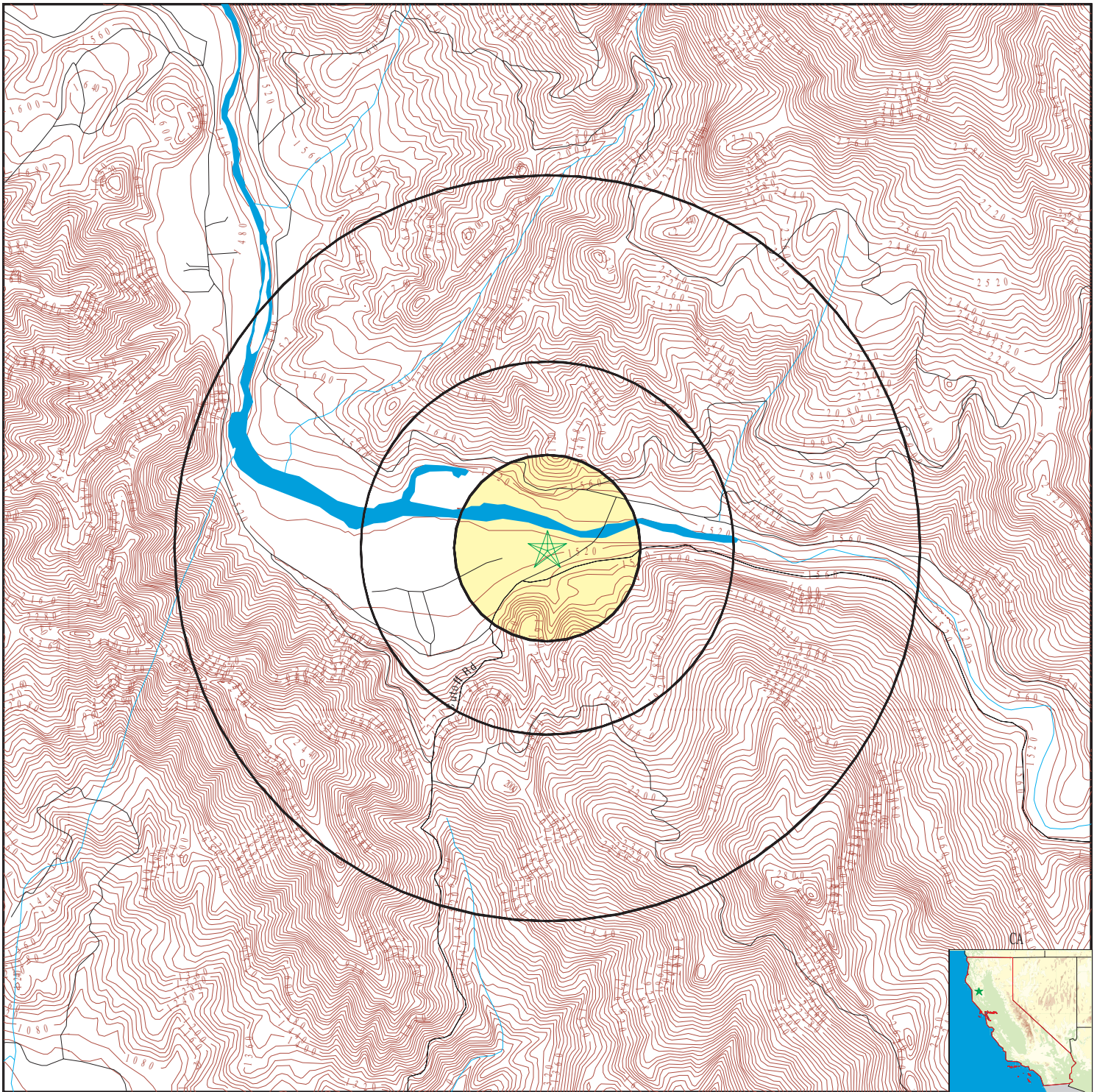
MAP ID	WELL ID	LOCATION FROM TP
<u> </u>	<u> </u>	<u> </u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<u> </u>	<u> </u>	<u> </u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5642010.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: ER14
 ADDRESS: 17200 Eel River Rd.
 Potter Valley CA 95469
 LAT/LONG: 39.381272 / 123.101024

CLIENT: Gregg A. Young M.A.
 CONTACT: Gregg Young
 INQUIRY #: 5642010.2s
 DATE: May 03, 2019 8:24 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95469	5	2

Federal EPA Radon Zone for MENDOCINO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MENDOCINO COUNTY, CA

Number of sites tested: 15

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.413 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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active septic permit for the site. The existing septic tank has never been located; according to the tribe it was closed when the previous owner applied for the new permit from the County of Mendocino Environmental Health Department (personal communication, 2020).

There are two wells; 19-foot deep (lower well) and a newer 71-foot deep (upper well) located higher and to the south. The lower well is about 200 feet south of the river; the upper well is about 250 feet northwest of the entrance to the property. Depth to water There are 2 water tanks: in the southwest corner of the property, and in the mid-western portion. There is a new (2019) power service, panel, and pump that serve the lower well near the river. An irrigation system that appears to need repair, provides water to 25± trees (redwood, willow, fir) along the southern, upper border of the property. According to the tribe the system is being upgraded to provide improve irrigation and fire protection. There is an 8 inch PVC water pipe, previously unnoticed, that runs from the Eel River Bridge/river area western along the southern boundary, and into the property to the west. According to the previous owner and one of the adjacent property owners (personal communication, Bob Simpson, 2012), he has an 8 inch irrigation pipe for delivery of water from the Eel River to his parcel(s). This is most likely the pipe that delivers water to the agricultural parcels to the immediate west of the ER14. It may be located within the county right-of-way, although it is inside the fence of the ER14.

Although there are informal camping sites directly across the river, to the north, there was no litter or sign of dumping of waste along the river bank. A few plastic buckets, barrels, and hoses associated with the irrigation system are next to both water tanks. There was no evidence of chemical, household hazardous, or other toxic waste anywhere on the site. The property is very clean, as a result of regular patrols and cleanups by tribal staff. There were about 5 individual items of litter located along the fence on Eel River Road, and a small box of litter, apparently from a recent cleanup, located near the entrance; most likely for pickup by tribal personnel.

There are 2 drainages entering the property and flowing to the Eel River, both from south to north. One is a ditch on the western boundary, the other is a seasonal creek separating the western 1/3 from the eastern portion. There is a gravel road with a culvert crossing the creek, in the southern-middle portion. There is no other vehicle access point besides the gate on Eel River Road. There are 2 accesses to the river, the western near the west property line; this once allowed vehicle accesses to the river/beach. The eastern access is near the NE corner; this was a trail to the river, which is deep at this spot with no beach at present. Both river accesses are beginning to get overgrown on this date.

The entire upper portion of the property has recently been mowed for fire control and as a staging area for a fuels reduction project, scheduled for winter of 2020-21 (personal communication, 2020). Large shrubs and trees remain with a 4-6 inch mulch of mowed grasses and Italian thistle. A wetland area, in the northeast corner of the property, 50 feet from the river, was noted in previous inspections. After a very dry winter it is totally dry, with very dry hydric plants still present.

AERIAL SITE VIEW and PHOTOGRAPHS – in attached document

	ONSITE	NEARBY	NONE
C. Record Searches (Coordinate with Realty, title search, others as appropriate.)			
18. Past uses which might indicate potential problems of site (CIRCLE any that are applicable.) Manufacturing, service stations, dry cleaning, air strip, pipelines, rail lines, facilities with large electrical transformers or pumping equipment, petroleum production, landfills, scrap metal, auto, or battery recycling, military, labs, wood preserving. Other, describe: Former lumber mill & storage area (see narrative, Phase I study 4/19/2019)		X	
19. Nearby land uses, especially upstream or upgradient, or that might have had waste to dump at site Identify: North - Eel River West – Agricultural South - County road East - Dirt road & forest		X	
20. Known contaminant sites in vicinity: NPL, state sites, candidate sites (See narrative of 4/19/2020 Phase I study)		X	
21. Interviews on past use: owners, neighbors, County agents and any appropriate Federal authorities: Problems? Mitigated	X		
22. Agricultural drainage history: surface, subsurface drains			X

D. In acquiring land from another Federal agency, that agency has notified the RE of the past or current presence of a hazardous substance under section 120(h) of CERCLA (Superfund).

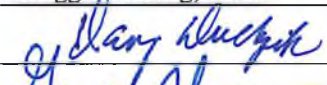
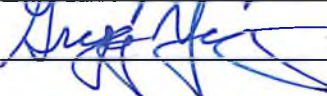
Not applicable _____ Yes No X

E. Has a non-Federal entity identified any hazardous materials problems on or near the site surveyed? (Mitigated; see 4/19/20 survey) Yes X No _____

F. A Level II study is recommended. Yes _____ No X

Deny Dudzik, M.S.

Person Conducting Survey: Gregg A. Young, M.A.

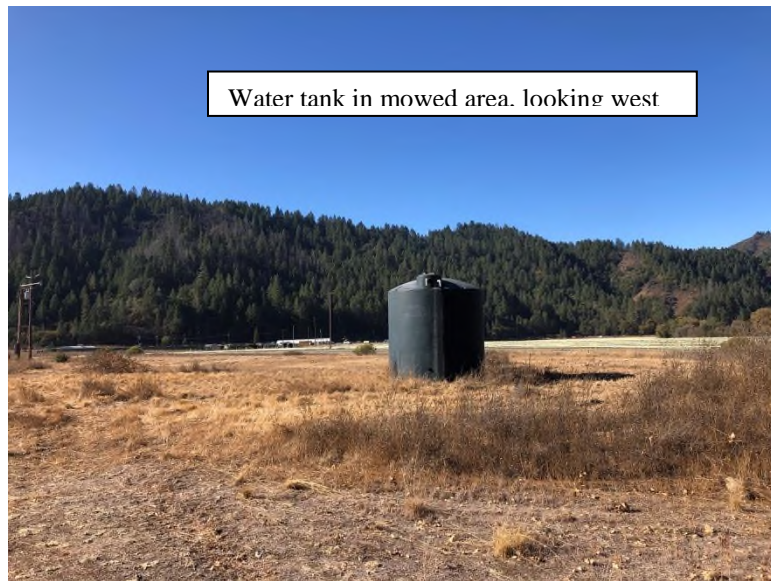
Signatures: 


Date 11/5/2020

SUPPLEMENTAL INFORMATION – See Level I Survey 4/19/2019

Field Observations, 11/4/2020 – We visited the site, driving and walking around the entire property. The parcel is 14.7 acres in a rural setting; along the south bank of the main stem Eel River; 5.1 miles from the town of Potter Valley. The entrance is via a gravel drive from County Road 240 - Eel River Road. The property is a triangle bordered by the county road on the east, an open field and agricultural operations (cannabis and Christmas trees) on the west, the Eel River/Van Arsdale Reservoir on the north, with the Eel River Bridge in the northeast corner. There are buildings associated with the agricultural operations; presumably one could be a storage shed for fertilizers and pesticides. The cannabis operation is fully permitted by the county (personal communication; employees 2020), so should be in compliance with State of California chemical use and storage requirements. There were once 4 houses on the property; these were removed in the 1980s. There is one septic tank, which has been filled, and one

AERIAL VIEW – ER14 PHOTOGRAPHS 11/4/2020



Phase I Survey Contaminant Survey Checklist

This Phase I Survey has been prepared on behalf of the Potter Valley Tribe for incorporation into a fee to trust application. This property consists of three parcels: AP# 171-200-13 171-200-15, 171-210-12. The parcel is owned in fee by the Potter Valley Tribe, in Mendocino County, California.

INSTRUCTIONS: Check for each category. Explain briefly where something other than "No," "None," or "Not Applicable" is checked. Discuss whether a Level II or III Survey will be recommended. Describe the distance if nearby is checked and whether there is a known potential pathway for contamination on site. Attach a legal description of the real estate property covered by this Survey.

A. Background Information

Bureau Name: BIA – Pacific Regional Office

Responsible Entity: POTTER VALLEY TRIBE

Site Name: Eel River Property – ER 14

County Mendocino State California

Date(s) of Survey 4/19/2019 Legal Description SE Section 29; T 18 North, R 11 West

AP# 171-200-13 171-200-15, 171-210-12 Lat 39° 22' N, Long -123° 05' W

LEGAL DESCRIPTION: the following described property in the Unincorporated Area of Potter Valley, County of Mendocino, State of California:

17200 Eel River Road, 5 miles north of the town of Potter Valley. Elevation ranges from 1495 to 1535 ft msl. The legal description is: within the southeast portion of Section 29, Township 18N, Range 11W with coordinates: 39° 22' N, -123° 05' W.

Narrative – Page 3

B. Site Inspection Screen: On-site and nearby

	ONSITE	NEARBY	NONE
1. Dumps, especially with drums, containers (Read labels if possible; do not open or handle! If no labels, note identifying characteristics)	<u> </u>	<u> </u>	<u> X </u>
2. Other debris: household, farm, industrial waste	<u> X </u>	<u> </u>	<u> </u>
3. Fills: possible cover for dumps	<u> </u>	<u> </u>	<u> X </u>
4. Storage tanks: petroleum products pesticides, etc	<u> </u>	<u> </u>	<u> X </u>
5. Structures—evidence of asbestos sprayed fire proofing, acoustical plaster, and other asbestos-containing materials	<u> </u>	<u> </u>	<u> X </u>
6. Lead-based paint on proposed demolition structure	<u> </u>	<u> </u>	<u> X </u>
7. Vegetation different from surrounding for no apparent reason, e.g. bare ground	<u> </u>	<u> </u>	<u> X </u>
8. "Sterile" or modified water bodies	<u> </u>	<u> </u>	<u> X </u>
9. Oil seeps, stained ground, discolored stream banks	<u> </u>	<u> </u>	<u> X </u>
10. Oil slicks on water, unusual colors on water	<u> </u>	<u> </u>	<u> X </u>
11. Spray operation base: air strip, equipment parking area	<u> </u>	<u> </u>	<u> X </u>
12. Machinery repair areas: (formerly; 1500 feet to the west)	<u> </u>	<u> X </u>	<u> </u>
13. Pipeline or major electrical equipment	<u> </u>	<u> </u>	<u> X </u>

14. Oiled or formerly oiled roads			X
15. Electric transmission lines: pole or pad mounted transformers which show evidence of leakage			X
16. Other (see narrative, page 3)	X		
Record Searches (Coordinate with Realty, title search, others as appropriate.)			
	NA	YES	NO
17. Past uses which might indicate potential problems of site (CIRCLE any that are applicable.) Manufacturing, service stations, dry cleaning, air strip, pipelines, rail lines, facilities with large electrical transformers or pumping equipment, petroleum production, landfills, scrap metal, auto, or battery recycling, military, labs, wood preserving. Other, describe: Former lumber mill & storage area (see narrative)		X	
18. Nearby land uses, especially upstream or upgradient, or that might have had waste to dump at site (see list under Past Uses)			
Identify: North – Eel River West – Former mill site			
South – County road East – Dirt road & forest			X
19. Known contaminant sites in vicinity: NPL, state sites, candidate sites (See summary of records search: EDR, 2006)		X	
20. Interviews on past use: owners, neighbors, County agents and any appropriate Federal authorities: Problems?			X
21. Agricultural drainage history: surface, subsurface drains			X
22. In acquiring land from another Federal agency, that agency has notified the RE of the past or current presence of a hazardous substance under section 120(h) of CERCLA (Superfund).	X		
23. Has a non-Federal entity identified any hazardous materials problems on or near the site surveyed?		X	
24. A Level II study is recommended.			X
25. A Level III study is recommended.			X

SUPPLEMENTAL INFORMATION – ATTACHED, FOLLOWING THIS PAGE

- Attachment A. Consultant’s Phase I report and/or narrative description of the parcel and any contamination sites, justification for the certification, aerial and ground parcel site color photographic prints, and maps illustrating potential contamination site locations thereof, etc.
- Attachment B. Aerial photograph and dates taken, if applicable
- Attachment C. Parcel site color photographs and date taken:
- Attachment D. Map(s) showing potential contamination sites, if applicable.

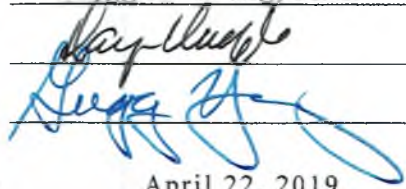
Potential Limits on Federal Liability

1. BIA-CCA has certified that contaminants are not present on the site and/or agreed to assume full liability for any contamination which does exist. Yes _____ No _____

CCA/EQS performed this assessment and has revealed no evidence of recognized environmental conditions in connection with the subject site. Yes _____ No _____

2. An individual or non-Federal entity has certified that contaminants are not present on the site. Yes X No _____

F. A Level II study is recommended. Yes _____ No X

Persons Conducting Survey: Deny Dudzik, M.S.
Gregg A. Young, M.A.
 Signature: 
 Date April 22, 2019

Attachment A - Field Observations – April 19, 2019

On Friday, 4/19/19 we visited the site, driving and walking around the entire property. The parcel is 14.7 acres in a rural setting; along the south bank of the main stem Eel River; 5.1 miles from the town of Potter Valley. The entrance is via a gravel drive from County Road 240 – Eel River Road. The property is a triangle bordered by the county road on the east, an open field/gravel operation on the west, the Eel River/Van Arsdale Reservoir on the north, with the Eel River Bridge in the northeast corner. There once were 4 houses on the property; these were removed in the 1980s. There is one septic tank, which has been filled, and one active septic permit for the site.

The are two wells; 19-foot deep (lower well) and a newer 71-foot deep (upper well) located higher and to the south. The lower well is about 200 feet south of the river; the upper well is about 250 feet northwest of the entrance to the property. Depth to water (4/19/19) was 4 feet (lower well) and 6 feet (upper well). There are 2 water tanks: in the southwest corner of the property, and in the mid-western portion. There is a new (2017) power service, panel, and pump that serves the lower well near the river. An irrigation system that appears to need repairs, provides water to 25± trees (redwood, willow, fir) along the southern, upper border of the property. According to the tribe the system is being upgraded to provide improve irrigation and fire protection.

Although there are informal camping sites directly across the river, to the north, there was no litter or sign of dumping of waste along the river bank. A few plastic buckets, barrels, and hoses associated with the irrigation system are next to both water tanks. There was no evidence of chemical, household hazardous, or other toxic waste anywhere on the site. The property is very clean, as a result of regular patrols and cleanups by tribal staff. There are 2 drainages entering the property and flowing to the Eel River, both from south to north. One is a ditch on the western

boundary, the other is a seasonal creek separating the western 1/3 from the eastern portion. There is a gravel road with a culvert crossing the creek, in the southern-middle portion. The entrance to the property is through the gate on the fence along Eel River Road, the south eastern border. There is no other vehicle access point. There were 3 dogs seen in the riparian area along the river; they did not have collars but did not appear feral. Presumably they roam from neighboring properties. There are 2 access to the river, the western near the west property line; this once allowed vehicle access to the river/beach. The eastern access is near the NE corner; this was a trail to the river, which is deep at this spot with no beach at present. According to the PVT (personal communication, 2019) both accesses are maintained annually; they are beginning to get overgrown on this date.

The site was the northeast portion of the former Louisiana Pacific Mill Site. This mill site has been closed and the subject of several studies, cleanups, and monitoring programs. The following is an account of the environmental history of the site:

4.2 Former Potter Valley Mill (from SHN, 2006)

An environmental overview was provided by Robert Simpson (President, SMTF), and obtained from existing regulatory file information and previous SHN reports (SHN, 1993 and 1997). The entire flat area (100 ± acres) adjacent to the main stem Eel River, including the ER14 parcel, was used as a sawmill for 50 years (it closed in 1989). During that period, pentachlorophenol (PCP), hydraulic fluid, diesel, gasoline, boiler ash, and grease and oil were part of the daily operations. The use of these materials or creation thereof (boiler ash) led to the contamination of a small portion of the overall property. Louisiana-Pacific Corporation (LP) has since paid more than \$1.2 million to remove and appropriately dispose of the contaminated soil, and for the construction and monitoring of 14 groundwater-monitoring wells. As a result of LP's cleanup efforts, the known impacts to soil and groundwater within this former mill facility have been reduced considerably.

The environmental history of the former mill facility is as follows:

- NCRWQCB notified LP of waste discharge violation; July 1986
- LP submitted violation response to RWQCB; August 1986
- 14 monitoring wells installed on property; 1986 thru 2001
- Contamination pin-pointed to specific locations on property within a perimeter of approximately 10 acres
- RWQCB issued order to discontinue discharging PCP and to submit a work plan to clean up contaminated groundwater, surface water, and soil at the property; October 1987
- Other contaminants found on site consisted of petroleum hydrocarbons, such as hydraulic fluid and diesel fuel
- More than 3,000 cubic yards of material were removed and disposed of at a Class 1 hazardous waste disposal site
- 215 soil samples were collected by SHN for laboratory analysis; 1989 to 1997
- An additional 5,129 tons of PCP-contaminated soils were properly disposed of offsite; 1999
- Log pond was filled in with approximately 120,000 cubic yards of clean sand, gravel, and woody debris; 1986
- Approximately 7,000 cubic yards of non-hazardous wood fired boiler ash identified on the property; 1989
- 2006 Groundwater monitoring well sample results indicate reduced levels of contaminants exist on the eastern portion
- 2014 Deed restriction on residential use of eastern 14.7-acre portion removed

There was a restriction placed on the 1989 Grant Deed on residential use of the property (see EA Appendix: 2002 PG&E Letter), until the property was cleared by the North Coast Regional Water Control Board (NCRWQCB). This would certify that the groundwater contamination had been cleared up and the site was suitable for residential use. The property owner received a letter that no more environmental investigation was required (see 2006 NCRWQCB Letter). The Potter Valley Tribe began escrow on the property in 2014; closing was contingent on this clearance and removal of the deed restriction from the previous owner (PG&E); the letter is attached to this report. The letter stated (PG&E, 2014):

In light of the restored conditions of the Property, which are hereby acknowledged, PG&E does hereby Release the Property from the following restrictions:

“Because of the historical use, hereinbefore described, of said real property, the future use of any said real property shall be limited to a sawmill or other commercial or industrial purpose. In no event shall said real property, or any portion thereof, be used for residential housing, hospital, nursing home, daycare center, agricultural uses, or other similar purpose, except for forest products, unless clearances are obtained from the appropriate local, state, or federal regulatory agencies; e.g. Regional Water Quality Control Board and State of California Department of Health Services.”

PG&E hereby releases the Property from the above restrictions and provides that the successors and assigns of the Louisiana Pacific Corporation shall be free from this covenant, which shall no longer run with the said real Property.

PG&E understands and agrees that this instrument shall be governed by the laws of the State of California and that venue for any action to enforce the provisions of this instrument shall be Mendocino County.

Asbestos Deposits

Mendocino County has many serpentine rock outcrops, which can contain fibrous asbestos. Although several such outcrops occur in the hills around Potter Valley, there are none within ¼ mile of the site.

References:

NCRWQCB. (2006). California Regional Water Quality Control Board – North Coast Region. *Response to Comments Regarding the Snow Mountain Tree Farm, Inc., Phase 1 Environmental Site Assessment, and Request for Nor (sic) Further Action Letter, and, Amended Phase I Environmental Site Assessment*, Snow Mountain Tree Farm, Inc., 17200 Eel River Road, Potter Valley, CA. April 6, 2006.

PG&E. (2014). Release of Deed Restriction, 17200 Eel River Road, Potter Valley, Mendocino County, Ca. (APN 171-200-13,15 and 171-210-12). Recorded at San Francisco, 7-21-14.

SHN. (2006). Amended Phase I Environmental Site Assessment: Snow Mountain Tree Farm, 17200 Eel River Rd, Potter Valley, Mendocino, Ca. SHN Consulting Engineers & Geologists, Eureka, Ca. Tribal Records, Ukiah, Ca.

Attachment B. Aerial photograph ER 14 Property (Google Earth, 7/2/2018)



Attachment C. Parcel Photographs (4/19/2019): See Appendix: Phase I Contam Survey - Pictures

Attachment D. Map(s) showing potential contamination sites, if applicable.

No potential contamination sites were observed; the property is very clean with access restricted to tribal personnel through a locked gate. Unregulated camping does occur in the summer on Pacific Gas & Electric land across the river to the north and east. The Potter Valley Tribe Environmental Department is a co-sponsor of the Annual Eel River Cleanup, and regularly patrols the property. Additional land to be acquired by the PVT is located northeast, across the river, with the Eel River Road serving as the southern border. This property is also to be patrolled regularly, with the ER14 site for serve as the base for future management of 890± acres of forested watershed lands.

PVT ER14 Phase I Inspection - Photos



Typical riverside riparian vegetation, to N

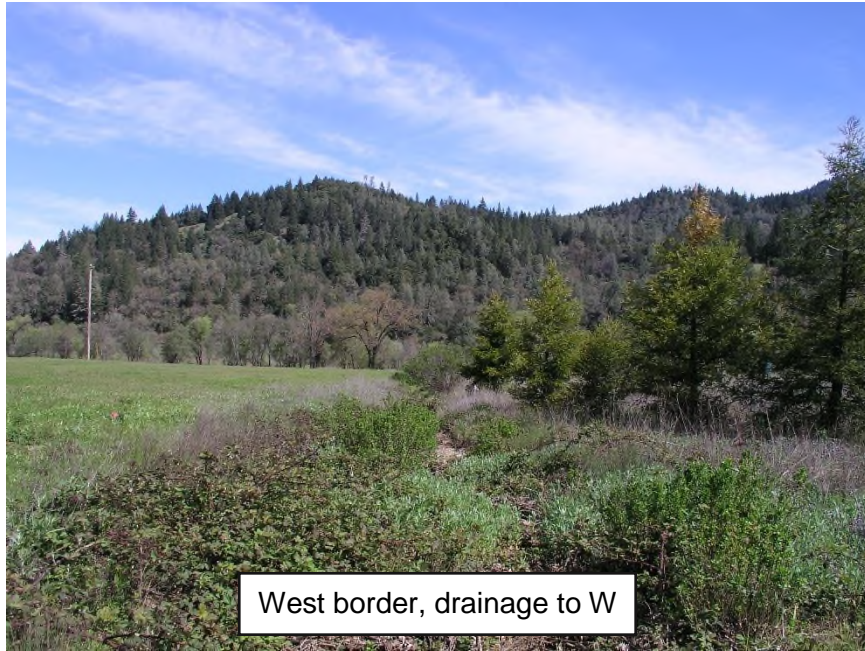


Water tank – SW corner, to SW

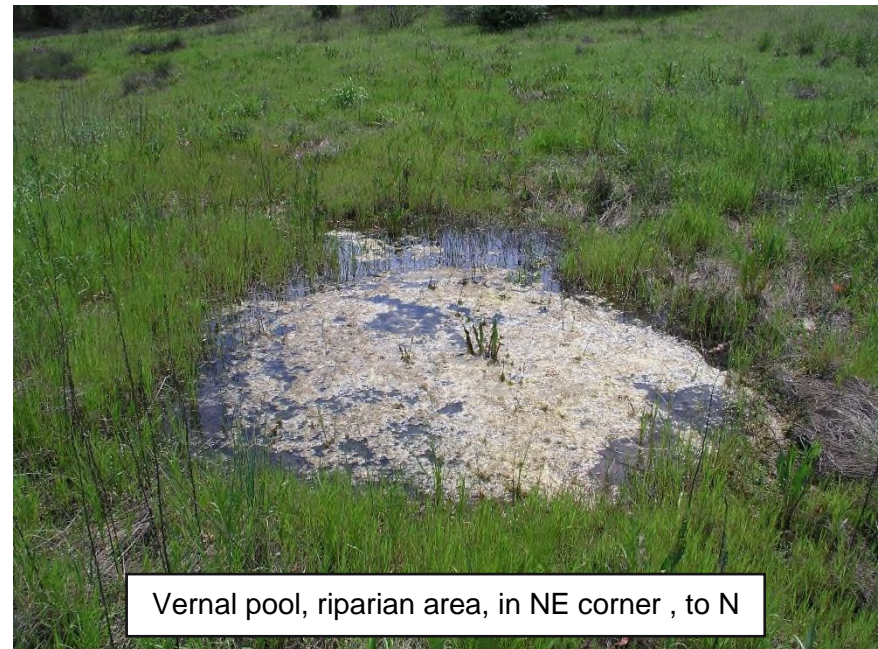


Lower well, to E

PVT ER14 Phase I Inspection - Photos



PVT ER14 Phase I Inspection - Photos



6.0 Historical Land Use of the Subject Property

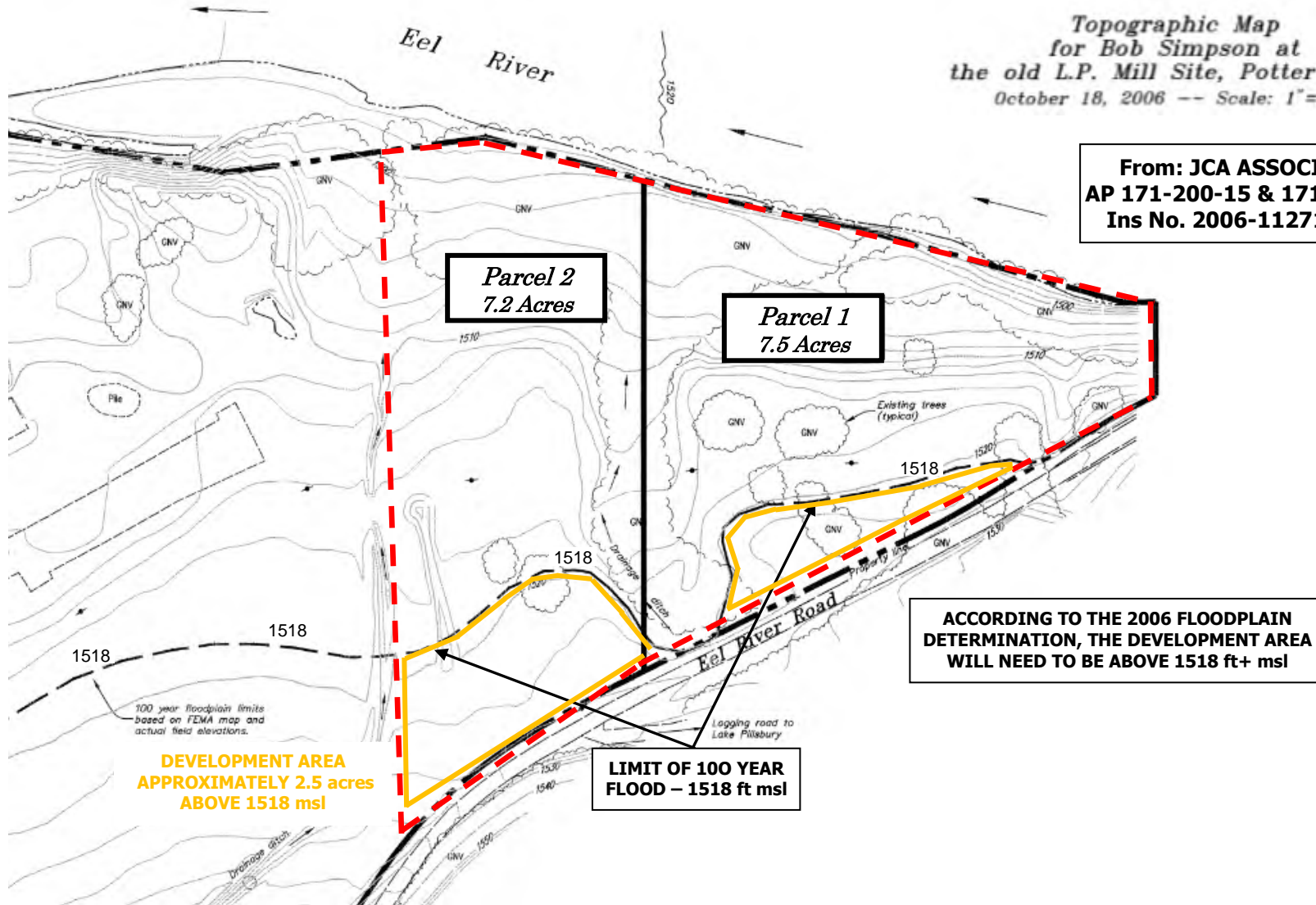
Robert Simpson provided SHN with this historical summary of the property ownership. Snow Mountain Water and Power Company acquired the property in 1906. Neither Snow Mountain nor its successor, PG&E, ever occupied the property. Instead, the property was leased to other business owners until 1990, when it was sold by PG&E to Louisiana-Pacific Corporation. The following is a brief historical chronology of the assessment area and former mill site ownership:

- Eel River Power and Irrigation Company acquires property; 1905
- Snow Mountain Water and Power Company acquires property; 1906
- John Day Resort leases property and constructs fishing resort; early 1920s
- John Day Resort closes; Late 1920s
- PG&E acquires Snow Mountain Water and Power Company; 1929
- PG&E leases land to Mr. Lowe and first sawmill was constructed; 1938
- Coleman Wheeler acquires sawmill; 1942
- Floyd Crenshaw and Archie Hessman buy an interest in the sawmill; 1949
- Fire destroys sawmill; 1951
- New sawmill re-opens; 1952
- Crawford Lumber Company acquires sawmill; 1959
- Georgia-Pacific acquires sawmill; 1968
- Louisiana-Pacific acquires sawmill; 1973
- Louisiana-Pacific closes sawmill; 1989
- Louisiana-Pacific acquires sawmill property from PG&E; 1990
- Louisiana-Pacific demolishes sawmill and housing; 1993
- Robert & Jamie Simpson (SMTF) acquire property from LP; November 15, 2002
- Potter Valley Tribe acquires the 14.7-acre eastern corner of the property; July 30, 2014

100-YEAR FLOOD MAP – EEL RIVER 14 PARCEL

Topographic Map
for Bob Simpson at
the old L.P. Mill Site, Potter Valley
October 18, 2006 -- Scale: 1"=120'

From: JCA ASSOCIATES
AP 171-200-15 & 171-210-12
Ins No. 2006-11271, MCR



ACCORDING TO THE 2006 FLOODPLAIN DETERMINATION, THE DEVELOPMENT AREA WILL NEED TO BE ABOVE 1518 ft+ msl



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Mendocino County, Eastern Part and Southwestern Part of Trinity County, California

PVT Eel River 14 Property



Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.

Map Scale: 1:3,950 if printed on A landscape (11" x 8.5") sheet.


0 50 100 200 300 Meters

0 150 300 600 900 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Mendocino County, Eastern Part and Southwestern Part of Trinity County, California
 Survey Area Data: Version 14, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 2, 2017—Nov 6, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
152	Hopland-Woodin complex, 30 to 50 percent slopes	13.9	21.1%
178	Pinole gravelly loam, 2 to 8 percent slopes	26.4	40.0%
194	Sanhedrin-Kekawaka-Speaker complex, 30 to 50 percent slopes	11.8	17.8%
218	Xerofluvents-Riverwash complex, 0 to 2 percent slopes	5.7	8.6%
236	Water	8.3	12.5%
Totals for Area of Interest		66.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it

Custom Soil Resource Report

was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Mendocino County, Eastern Part and Southwestern Part of Trinity County, California

152—Hopland-Woodin complex, 30 to 50 percent slopes

Map Unit Setting

National map unit symbol: hgr5
Elevation: 400 to 4,250 feet
Mean annual precipitation: 30 to 60 inches
Mean annual air temperature: 54 to 59 degrees F
Frost-free period: 140 to 270 days
Farmland classification: Not prime farmland

Map Unit Composition

Hopland and similar soils: 45 percent
Woodin and similar soils: 25 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hopland

Setting

Landform: Hills, mountains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountainflank, side slope
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Residuum weathered from sandstone and shale

Typical profile

H1 - 0 to 12 inches: loam
H2 - 12 to 31 inches: clay loam
H3 - 31 to 35 inches: weathered bedrock

Properties and qualities

Slope: 30 to 50 percent
Depth to restrictive feature: 31 to 35 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: C
Hydric soil rating: No

Description of Woodin

Setting

Landform: Hills, mountains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountainflank, side slope
Down-slope shape: Concave
Across-slope shape: Convex
Parent material: Residuum weathered from sandstone

Typical profile

H1 - 0 to 7 inches: gravelly sandy loam
H2 - 7 to 15 inches: very gravelly sandy clay loam
H3 - 15 to 23 inches: very cobbly loam
H4 - 23 to 27 inches: unweathered bedrock

Properties and qualities

Slope: 30 to 50 percent
Depth to restrictive feature: 23 to 27 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Very low (about 1.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Cummiskey

Percent of map unit: 5 percent
Hydric soil rating: No

Etsel

Percent of map unit: 5 percent
Hydric soil rating: No

Maymen

Percent of map unit: 5 percent
Hydric soil rating: No

Witherell

Percent of map unit: 3 percent
Hydric soil rating: No

Yorktree

Percent of map unit: 3 percent
Hydric soil rating: No

Rock outcrop

Percent of map unit: 3 percent

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Hydric soil rating: No

Unnamed

Percent of map unit: 3 percent

Hydric soil rating: No

Yorkville

Percent of map unit: 3 percent

Hydric soil rating: No

178—Pinole gravelly loam, 2 to 8 percent slopes

Map Unit Setting

National map unit symbol: hgs0

Elevation: 500 to 1,500 feet

Mean annual precipitation: 37 inches

Mean annual air temperature: 57 degrees F

Frost-free period: 200 to 250 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Pinole and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pinole

Setting

Landform: Terraces

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 10 inches: gravelly loam

H2 - 10 to 37 inches: gravelly clay loam, clay loam

H2 - 10 to 37 inches: sandy clay loam, gravelly sandy clay loam

H3 - 37 to 61 inches:

H3 - 37 to 61 inches:

Properties and qualities

Slope: 2 to 8 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: More than 80 inches

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Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Very high (about 15.8 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Yokayo

Percent of map unit: 5 percent
Landform: Terraces
Hydric soil rating: No

Unnamed

Percent of map unit: 5 percent
Hydric soil rating: No

Pinnobie

Percent of map unit: 5 percent
Landform: Terraces
Hydric soil rating: No

194—Sanhedrin-Kekawaka-Speaker complex, 30 to 50 percent slopes

Map Unit Setting

National map unit symbol: hgsj
Elevation: 400 to 5,000 feet
Mean annual precipitation: 30 to 65 inches
Mean annual air temperature: 45 to 59 degrees F
Frost-free period: 100 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Sanhedrin and similar soils: 40 percent
Kekawaka and similar soils: 25 percent
Speaker and similar soils: 20 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sanhedrin

Setting

Landform: Hills, mountains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountainflank, side slope
Down-slope shape: Concave
Across-slope shape: Concave

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Parent material: Residuum weathered from sandstone and siltstone

Typical profile

H1 - 0 to 13 inches: gravelly loam
H2 - 13 to 43 inches: gravelly clay loam
H3 - 43 to 47 inches: unweathered bedrock

Properties and qualities

Slope: 30 to 50 percent
Depth to restrictive feature: 43 to 47 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 5.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: C
Hydric soil rating: No

Description of Kekawaka

Setting

Landform: Hills, mountains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountainflank, side slope
Down-slope shape: Concave
Across-slope shape: Convex
Parent material: Residuum weathered from sandstone and siltstone

Typical profile

H1 - 0 to 4 inches: loam
H2 - 4 to 35 inches: clay loam
H3 - 35 to 61 inches: clay

Properties and qualities

Slope: 30 to 50 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: C
Hydric soil rating: No

Description of Speaker

Setting

Landform: Hills, mountains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Mountainflank, side slope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from sandstone and shale

Typical profile

H1 - 0 to 6 inches: gravelly loam
H2 - 6 to 24 inches: clay loam
H3 - 24 to 28 inches: weathered bedrock

Properties and qualities

Slope: 30 to 50 percent
Depth to restrictive feature: 24 to 28 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Asabeen

Percent of map unit: 2 percent
Hydric soil rating: No

Cummiskey

Percent of map unit: 2 percent
Hydric soil rating: No

Hopland

Percent of map unit: 2 percent
Hydric soil rating: No

Rock outcrop

Percent of map unit: 1 percent
Hydric soil rating: No

Tyson

Percent of map unit: 1 percent
Hydric soil rating: No

Yorktree

Percent of map unit: 1 percent
Hydric soil rating: No

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Maymen

Percent of map unit: 1 percent
Hydric soil rating: No

Neuns

Percent of map unit: 1 percent
Hydric soil rating: No

Pardaloe

Percent of map unit: 1 percent
Hydric soil rating: No

Kekawaka

Percent of map unit: 1 percent
Hydric soil rating: No

Sanhedrin

Percent of map unit: 1 percent
Hydric soil rating: No

Speaker

Percent of map unit: 1 percent
Hydric soil rating: No

218—Xerofluvents-Riverwash complex, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: hgt9
Elevation: 340 to 2,510 feet
Mean annual precipitation: 30 to 60 inches
Mean annual air temperature: 54 to 59 degrees F
Frost-free period: 125 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Xerofluvents and similar soils: 50 percent
Riverwash: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Xerofluvents

Setting

Landform: Flood plains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Tread
Down-slope shape: Concave
Across-slope shape: Convex
Parent material: Alluvium

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Typical profile

H1 - 0 to 15 inches: sandy loam
H2 - 15 to 29 inches: sand
H3 - 29 to 48 inches: loam
H4 - 48 to 60 inches: sand, gravelly sand
H4 - 48 to 60 inches:

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Available water storage in profile: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

Description of Riverwash

Setting

Landform: Channels
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Typical profile

H1 - 0 to 6 inches: variable
H2 - 6 to 60 inches: stratified coarse sand to sand

Properties and qualities

Slope: 0 to 2 percent
Natural drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Low to very high (0.01 to 19.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Hydric soil rating: Yes

Minor Components

Cole

Percent of map unit: 5 percent

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Hydric soil rating: No

Feliz

Percent of map unit: 4 percent

Hydric soil rating: No

Russian

Percent of map unit: 3 percent

Hydric soil rating: No

Talmage

Percent of map unit: 3 percent

Hydric soil rating: No

236—Water

Map Unit Composition

Water: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

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May 24, 2019

NWIC File No.: 18-2115

Deny Dudzik
Deny Dudzik Consulting
PO Box 15
Yorkville, CA 95494

Re: Record search results for the proposed 17200 Eel River Road project.

Dear Deny Dudzik:

Per your request received by our office on 5/1/19, a records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Mendocino County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

Review of this information indicates that there have been four cultural resource studies that cover approximately 100% of the 17200 Eel River Road project area: S-000240 (Childress and Chartkoff 1966), S-000650 (Olsen and Payen 1969), S-004935 (Chavez 1982), and S-009547 (Maniery 1987). This project area contains one recorded Native American archaeological resource, P-23-000777 (CA-MEN-000840), which consists of lithic scatter and habitation debris. The State Office of Historic Preservation Historic Property Directory (OHP HPD) (which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places) lists no recorded buildings or structures within or adjacent to the proposed project area. In addition to these inventories, the NWIC base maps show no recorded buildings or structures within the proposed project area.

At the time of Euroamerican contact the Native Americans that lived in the area were speakers of the Yuki language, part of the Yukian language family (Miller 1978: 249). There is likely one Native American resource within the proposed project area: the Huchnom Yuki ethnographic village "Li'lkool" (also known by the Northern Pomo name "Kalu'yakai") which

spanned either side of Eel River “at the point about a quarter of a mile up stream [sic] from John Day’s” (Barrett 1908: 259). This ethnographic village is speculated to include P-23-000777 within its southern portion. There are no other Native American resources in or adjacent to the proposed project area mentioned in the ethnographic literature [Kroeber 1925; Baumhoff 1958; Miller 1978; McLendon and Oswalt 1978].

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Mendocino County have been found in broad midslope benches, ridgelines, terraces adjacent to Eel River, and generally near intermittent or perennial water sources. The 17200 Eel River Road project area is located within a broad terrace adjacent to the south bank of Eel River, in an area of high ethnographic sensitivity. Considering these environmental factors, there is a high potential for additional unrecorded Native American resources in the proposed 17200 Eel River Road project area.

Review of historical literature and maps indicated the possibility of late 19th century historic-period activity within the 17200 Eel River Road project area. The GLO Plat Map for Township 18N Range 11W (1883) depicts “Burkhord’s Field” and a barn in the southern portion of Section 29. With this in mind, there is a high potential for unrecorded historic-period archaeological resources in the proposed 17200 Eel River Road project area.

The 1960 USGS Potter Valley 15-minute topographic quadrangle depicts eight buildings or structures within the 17200 Eel River Road project area. These unrecorded buildings/structures meet the Office of Historic Preservation’s minimum age standard that buildings, structures, and objects 45 years or older may be of historical value.

RECOMMENDATIONS:

1) There is one recorded archaeological resource in the proposed project area (P-23-000777/CA-MEN-000840). It is recommended that a professional archaeologist assess this resource and provide project-specific recommendations. Please refer to the list of consultants who meet the Secretary of Interior’s Standards at <http://www.chrisinfo.org>.

2) There is a high potential of identifying additional Native American archaeological resources and a high potential of identifying historic-period archaeological resources in the

project area. Due to the passage of time since the previous surveys and the changes in archaeological theory and method since that time, we recommend a qualified archaeologist conduct further archival and field study for the entire project area to identify archaeological resources. Field study may include, but is not limited to, pedestrian survey, hand auger sampling, shovel test units, or geoarchaeological analyses as well as other common methods used to identify the presence of archaeological resources. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

3) We recommend the lead agency contact the local Native American tribe(s) regarding traditional, cultural, and religious heritage values. For a complete listing of tribes in the vicinity of the project, please contact the Native American Heritage Commission at 916/373-3710.

4) If the proposed project area contains buildings or structures that meet the minimum age requirement, prior to commencement of project activities, it is recommended that this resource be assessed by a professional familiar with the architecture and history of Mendocino County. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

5) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

6) If archaeological resources are encountered **during construction**, work should be temporarily halted in the vicinity of the discovered materials and workers should avoid altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. **Project personnel should not collect cultural resources**. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

7) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: http://ohp.parks.ca.gov/default.asp?page_id=1069

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

Thank you for using our services. Please contact this office if you have any questions, (707) 588-8455.

Sincerely,



Cameron Felt
Researcher

LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Northwest Information Center of the Historical Resources Information System, the following literature was reviewed:

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United States Department of the Interior



FISH AND WILDLIFE SERVICE
Arcata Fish And Wildlife Office
1655 Heindon Road
Arcata, CA 95521-4573
Phone: (707) 822-7201 Fax: (707) 822-8411

In Reply Refer To:

February 17, 2022

Project Code: 2022-0009642

Project Name: POTTER VALLEY TRIBE ER14 FEE TO TRUST 2021

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
 - Migratory Birds
 - Wetlands
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Arcata Fish And Wildlife Office

1655 Heindon Road
Arcata, CA 95521-4573
(707) 822-7201

Project Summary

Project Code: 2022-0009642

Event Code: None

Project Name: POTTER VALLEY TRIBE ER14 FEE TO TRUST 2021

Project Type: Commercial Development

Project Description: Fee to trust application for eventual development of a camp store, office, and parking area

Project Location:

Approximate location of the project can be viewed in Google Maps: [https://](https://www.google.com/maps/@39.3808844,-123.10156544748602,14z)

www.google.com/maps/@39.3808844,-123.10156544748602,14z



Counties: Mendocino County, California

Endangered Species Act Species

There is a total of 8 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Northern Spotted Owl <i>Strix occidentalis caurina</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1123	Threatened
Western Snowy Plover <i>Charadrius nivosus nivosus</i> Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/8035	Threatened
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Amphibians

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
Burke's Goldfields <i>Lasthenia burkei</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4338	Endangered
Contra Costa Goldfields <i>Lasthenia conjugens</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7058	Endangered
Showy Indian Clover <i>Trifolium amoenum</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6459	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Jan 1 to Sep 30
Golden Eagle <i>Aquila chrysaetos</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31

NAME	BREEDING SEASON
<p>Oak Titmouse <i>Baeolophus inornatus</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p> <p>https://ecos.fws.gov/ecp/species/9656</p>	Breeds Mar 15 to Jul 15
<p>Olive-sided Flycatcher <i>Contopus cooperi</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p> <p>https://ecos.fws.gov/ecp/species/3914</p>	Breeds May 20 to Aug 31
<p>Rufous Hummingbird <i>selasphorus rufus</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p> <p>https://ecos.fws.gov/ecp/species/8002</p>	Breeds Apr 15 to Jul 15
<p>Wrentit <i>Chamaea fasciata</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Mar 15 to Aug 10

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12

(0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

- The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

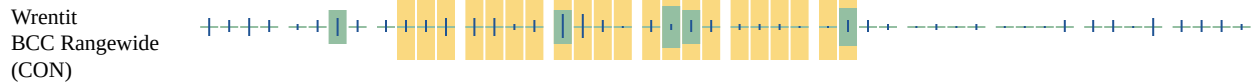
No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

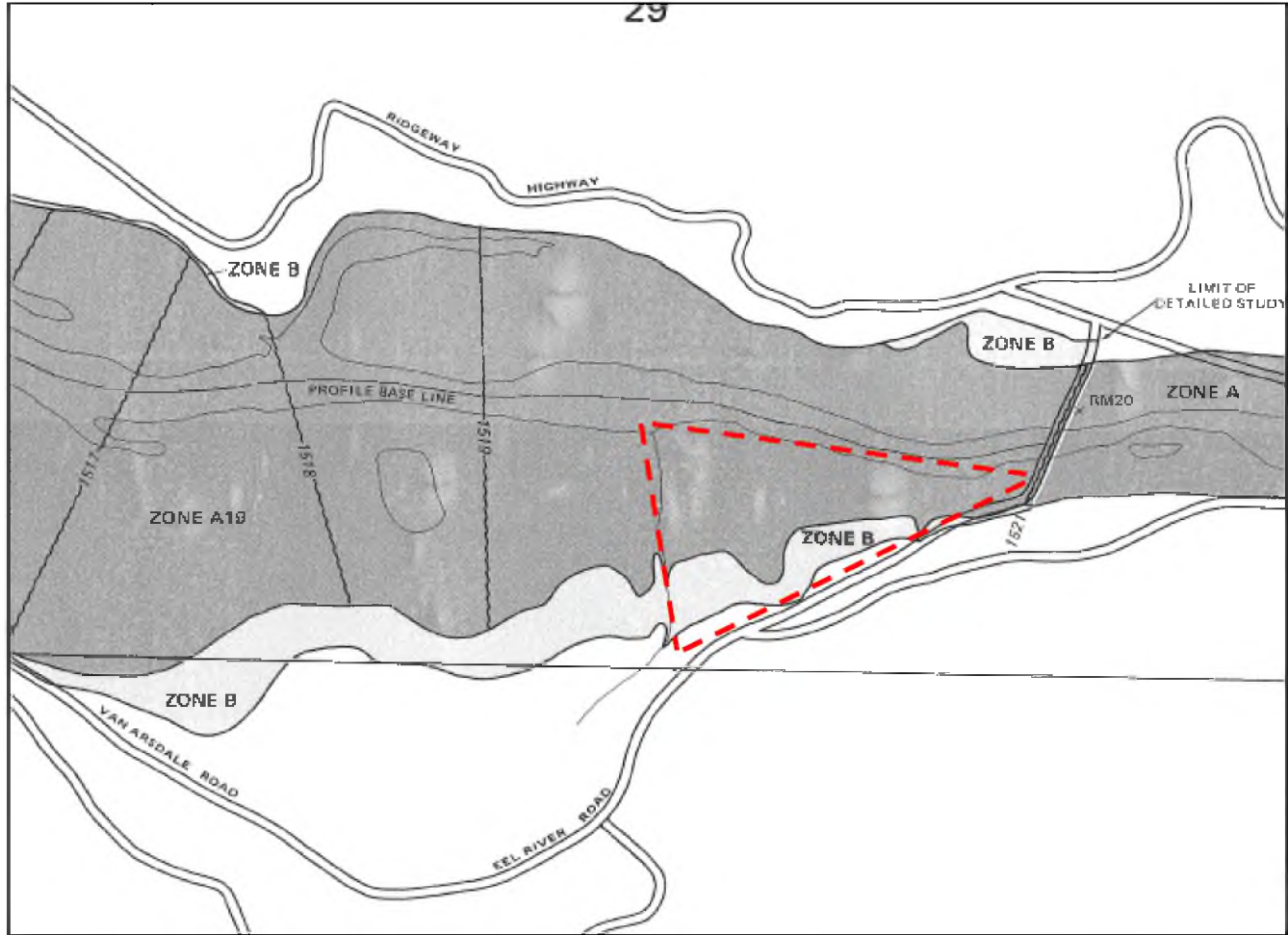
Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

LAKE

- [L1UBK](#)
-

IPaC User Contact Information

Name: Gregg Young
Address: 2251 S State St
City: Ukiah
State: CA
Zip: 95482
Email: gregg-young@comcast.net
Phone: 7074621213



NATIONAL FLOOD INSURANCE PROGRAM


FIRM
FLOOD INSURANCE RATE MAP

MENDOCINO COUNTY,
CALIFORNIA
(UNINCORPORATED AREAS)

PANEL 614 OF 1100
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY PANEL NUMBER
06013 0614 B

EFFECTIVE DATE:
JUNE 1, 1993



Federal Emergency Management Agency

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NRCS Technical Service Provider Conservation Planning and Nutrient Management Classes, 2013

MS Biology, Indiana University of Pennsylvania, 1979

BS Biology, Pennsylvania State University, 1975

EXPERTISE & EXPERIENCE:

Environmental Assessments, Reviews and Management Plans

Watershed Management Plan – Handley Cellars 2000

Manchester Pt. Arena Community Solid Waste Management Plan 2007

Redwood Valley Rancheria Environmental Assessment : Community Wastewater System Improvement 2007

Cahto Tribe-Laytonville Rancheria-Category Exclusion: Community Water Storage Tank (HIS)Project CA-07-L86 2008

Sherwood Valley Rancheria-Draft Tribal Environmental Impact Statement: Casino Relocation and Expansion Project 2008

Sherwood Valley Rancheria-Environmental Assessment: Housing 2009

Tubatulabals HIS Water/Sewer Project Environmental Review 2009

Potter Valley Tribe-HUD ICDBG 2010 Application for FY 2010

Round Valley Tribe- Environmental Assessment: Property Acquisition for Senior Living Facilities 2011

Potter Valley Tribe-Solid Waste Management Plan Update 2012

Potter Valley Tribe-Environmental Assessment: Conveyance of Fee Properties to Federal Trust 2012

Potter Valley Tribe-Fee to Trust ER14 2019

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A.A. - BIO SCIENCE - Fullerton College - June 12, 1970

B.S. - BIOLOGICAL SCIENCES - Calif. Polytechnic State University, San Luis Obispo - December 12, 1972

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EXPERTISE & EXPERIENCE:

Agricultural – Ca Pest Control Advisor 1973-Present, Certified Pesticide Safety Instructor, Qualified Pesticide Applicator, integrated pest management consultant 1973-Present, Certified Professional Agronomist 1987-Present, alternative pesticides & biological control of pests, advisor: soils, fertilization & plant nutrition, greenhouse production & plant propagation, agricultural education.

Tribal – Environmental Director, Redwood Valley Reservation 1997 – 2004. Environmental Director, Potter Valley Tribe, 2004 – Present. Consultant for Manchester-Point Arena, Sherwood Valley Rancheria, Indian Health Services, Redwood Valley Rancheria

Environmental planning & health – Environmental Assessments (NEPA, HUD, BIA), Calif. Healthy Schools Act & urban pest management, endangered species, building & construction: 16 years experience

Solid Waste – Agricultural & domestic waste management, aerobic decomposition/composting, recycling, community solid waste plans: 35 years experience

Wastewater – Training in WW System design, septage & land application, alternative treatment: 16 years experience

Other – Cultural resource protection, native plant use & propagation, riparian restoration, erosion prevention, FEMA claims, Tribal representation and advocacy: 16 years experience

PUBLICATIONS:

Young, G. (1988). Soil Fertility and Crop Pest/Disease Relations. In Global Perspectives on Agroecology & Sustainable Agricultural Systems, U.C. Santa Cruz.

Young, G. (1999). A Training Manual for Soils and Fertilization in the North Coast of California. M.A. thesis, Sonoma State University. Rohnert Park, Ca.

Young, G. (2001). Quality First in Vineyard & Orchard Production. A manual for the interpretation of soil analysis results for quality fruit production. Ukiah, Ca

ENVIRONMENTAL ASSESSMENTS, REVIEWS & MANAGEMENT PLANS:

- 2000 Redwood Valley Reservation –(Bureau of Indian Affairs)
- 2000 Redwood Valley Reservation – Environmental Review: Childcare/Adult Education Building (HUD ICDBG)
- 2000 Community Solid Waste Management Plan - Redwood Valley Rancheria/ Reservation (USEPA)
- 2001 Environmental Assessment – Redwood Valley Reservation/Rancheria (USEPA)
- 2002 EA: Redwood Valley Reservation ICDBG 4 House Construction (HUD), Northern Circle Indian Housing Authority
- 2003 Round Valley Indian Tribes – IHS Phase 2 Sewer Improvements (IHS) Ukiah Field Office, (IHS)
- 2003 Sherwood Valley Rancheria – ICDBG USDA Food Commodities Warehouse (HUD)
- 2004 Potter Valley Tribe – HUD ICDBG Acquisition and minor rehabilitation of non-residential facilities – Category Exclusion per 24 CFR 58.35 (HUD)
- 2004 Sherwood Valley Rancheria –ICDBG USDA Food Commodities Warehouse - Category Exclusion per 24 CFR 58.35 (HUD)
- 2004 Sherwood Valley Rancheria – 75 ac Fee-to-Trust Conversion, BIA Format (BIA)
- 2005 Quartz Valley Indian Reservation – Environmental Assessment: ICDBG Health & Wellness Center (HUD)
- 2005 Redwood Valley Reservation - HUD ICDBG Land Acquisition for Housing (HUD)
- 2005 Frog Hollow Farm, Contra Costa County: Environmental Review: USDA On-Farm Farm Labor Housing Construction. (USDA)
- 2006 Manchester-Point Arena Band of Pomo Indians – Community Solid Waste Management Plan (US EPA)
- 2006 Potter Valley Tribe – Environmental Assessment of Tribal Lands 2006 – (US EPA)
- 2007 Redwood Valley Rancheria - Environmental Assessment: Community Wastewater System Improvement – (HUD, IHS)
- 2007 Redwood Valley Rancheria – Integrated Resource Management Plan – (ANA)
- 2008 Potter Valley Tribe – Community Solid Waste Management Plan – (US EPA) Salvador Rosales- 707 462 1213
- 2008 Cahto Tribe – Laytonville Rancheria – Category Exclusion: Community Water Storage Tank, Laytonville Rancheria – (IHS) Project CA-07-L86
- 2008 Sherwood Valley Rancheria – Draft Tribal Environmental Impact Statement: Casino Relocation and Expansion Project
- 2009 Tubalabals of Kern Valley – Categorical Exclusion: Water and Sewer projects (IHS)
- 2010 Potter Valley Tribe – Environmental Assessment of Tribal Lands 2010 – (US EPA)
- 2011 Round Valley Indian Housing Authority - Environmental Assessment: Land Acquisition for Senior Living Facilities (HUD)
- 2011 Potter Valley Tribe - Land Stewardship Plan: Proposal for Land Donation, Pacific Forest and Watershed Lands Stewardship Council/Pacific Gas & Electric Company
- 2012 Redwood Valley Rancheria - Environmental Assessment: Conveyance of Fee Property to Federal Trust and Implementation of Master Land Use Plan (BIA)
- 2012 Potter Valley Tribe – 2012 Community Solid Waste Management Plan Update- (US EPA)
- 2013 Environmental Review- 2013 Access Road Fuel Break Project, Redwood Valley Rancheria (BIA)
- 2013 Round Valley Indian Tribes Site Review – Tribal Transportation Center Project
- 2013 Biological Inventory/Survey for Fee-to-Trust Application for the Potter Valley Tribe (BIA)
- 2014 Environmental Assessment – Fee to Trust Application for the Potter Valley Tribe (BIA)
- 2014 Environmental Assessment of Tribal Lands – Potter Valley Tribe 2014 (USEPA)
- 2014 Environmental Survey for Categorical Exclusion: Community Sewer Project - Round Valley Indian Tribes (IHS)
- 2015 Environmental Survey for Categorical Exclusion: Project CA 13 – M80 Della Davis/Agency Water Intertie, Round Valley Indian Tribes (IHS)

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