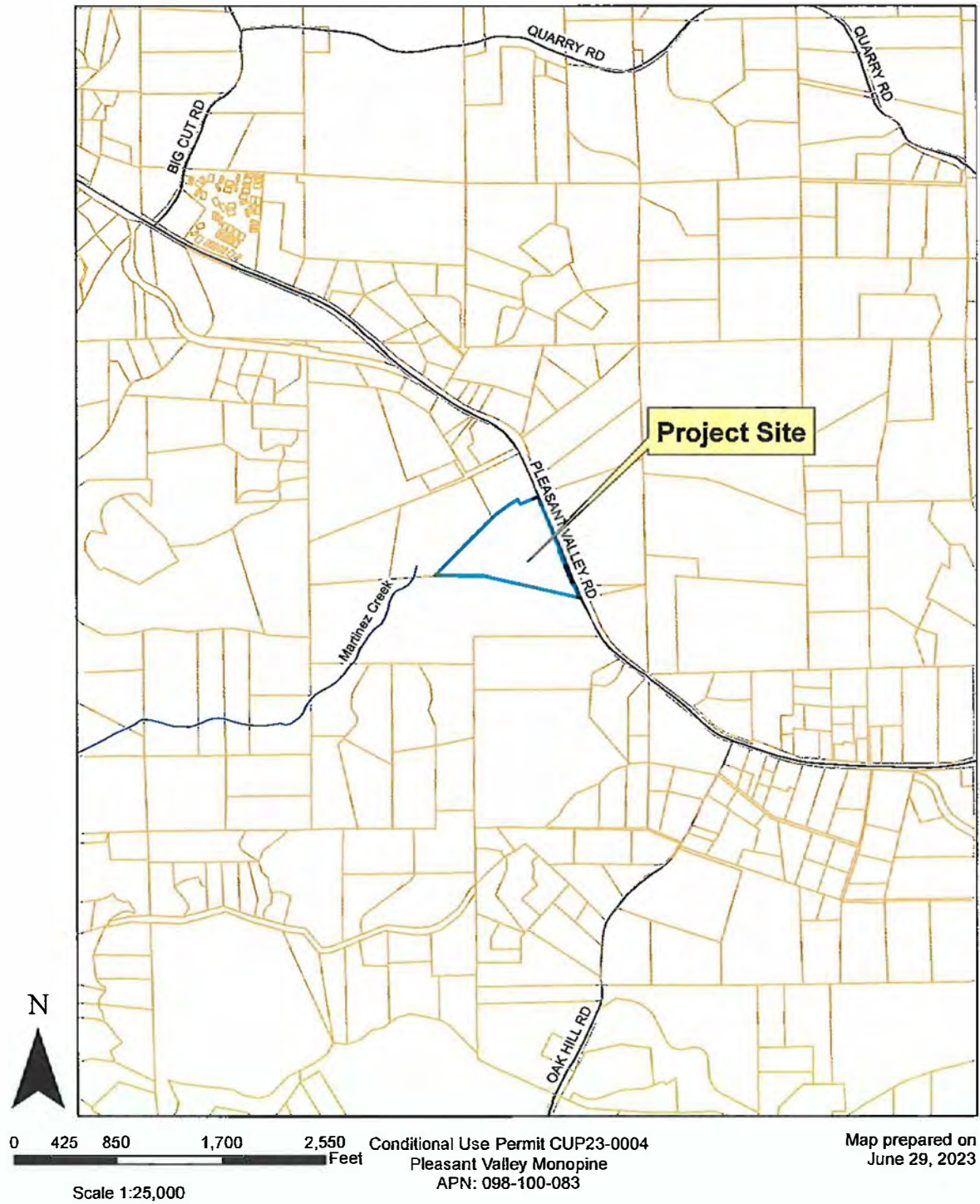


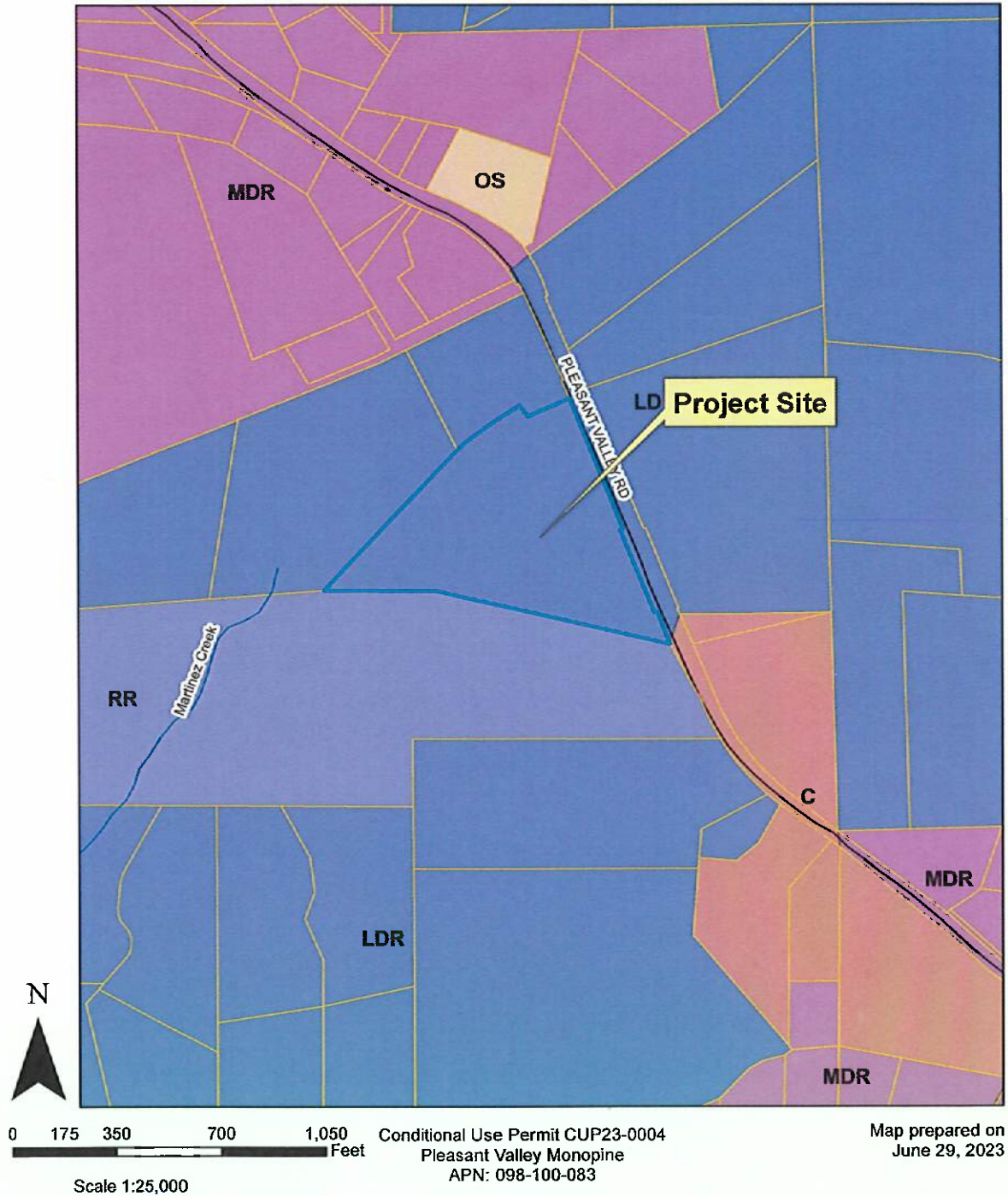
Attachment 1: Location Map



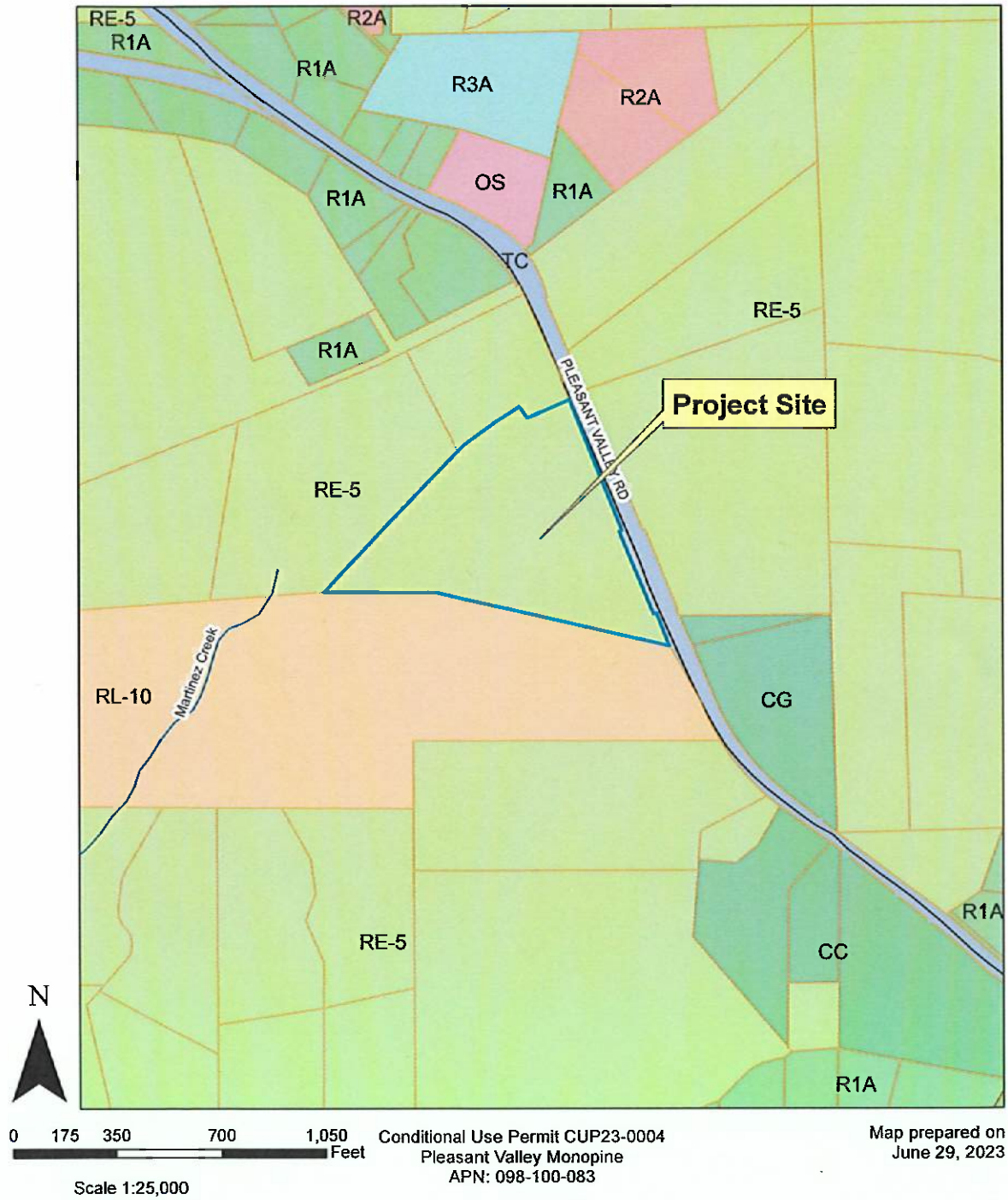
Attachment 2: Aerial Photo



Attachment 4: General Plan Land Use Map



Attachment 5: Zoning Map



PROJECT DESCRIPTION:

CONSTRUCTION OF TELECOMMUNICATIONS AND PUBLIC UTILITY FACILITY, CONSISTING OF A 100'-0" MONOPINE WITH (12) 8' ANTENNAS, (6) RRU'S, (1) 2' MICROWAVE, (1) GPS ANTENNA, REQUIRED ANTENNA CABLING, HCS JUMPERS, (2) GROUND MOUNTED RADIO CABINETS, (1) RAISED CONCRETE PAD, CABLE ICE BRIDGE, UTILITY BACKBOARD AND MULTI-METER UTILITY SERVICE MOUNTED ON H-FRAME WITHIN A 40'x40' FENCED LEASE AREA. NO WATER OR SEWER SERVICE IS REQUIRED. THIS WILL BE AN UNMANNED FACILITY.

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2022 CALIFORNIA BUILDING CODE
2. 2022 CALIFORNIA TITLE 24
3. 2022 CALIFORNIA FIRE CODE
3. 2022 CALIFORNIA ELECTRIC CODE
4. 2022 CALIFORNIA ENERGY CODE
4. 2022 CALIFORNIA MECHANICAL CODE
6. TIA/EIA-222-H OR LATEST EDITION
5. ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
6. CITY/COUNTY ORDINANCES



US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667
100'-0" MONOPINE
TENANT SITE ID: SC60515A

APPROVAL BLOCK				
		APPROVED	APPROVED AS NOTED	DISAPPROVED REVISE
VERTICAL BRIDGE	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERMITTING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEERING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



VICINITY MAP
N.T.S.

DRAWING INDEX	
DRWG. #	TITLE
T-1	TITLE SHEET
LS-1	TITLE SHEET
LS-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED COMPOUND PLAN
A-3	EQUIPMENT AND ANTENNA PLAN
A-4	ELEVATIONS



LOCATION MAP
N.T.S.

PROJECT INFORMATION	
SITE NAME:	DIAMOND SPRINGS
SITE NUMBER:	US-CA-7310
TENANT SITE ID:	SC60515A
SITE ADDRESS:	1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
PARCEL #:	098-100-083-000
DEED REFERENCE:	N/A
ZONING CLASSIFICATION:	RESIDENTIAL ESTATE - 5 ACRES
ZONING JURISDICTION:	EL DORADO COUNTY
CONSTRUCTION TYPE:	V-B
OCCUPANCY:	U (UNMANNED TELECOM FACILITY)
NO. OF STORIES:	1 (ENCLOSURE ONLY)
SPRINKLER:	NONE
STRUCTURE TYPE:	MONOPINE
STRUCTURE HEIGHT:	100'-0"
CONSTRUCTION AREA:	1,600 SQ. FT.
GROUND ELEVATION:	2,076.97' (NAVD88)
LATITUDE (NAD 83):	38.682694° (38° 40' 57.70" N)
LONGITUDE (NAD 83):	-120.776414° (120° 46' 35.09" W)

EMERGENCY:
CALL 911



PROJECT DIRECTORY	
PROPERTY OWNER:	DALLAS OLSON 1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
APPLICANT:	VERTICAL BRIDGE 750 PARK OF COMMERCE DRIVE, SUITE 200 BOCA RATON, FL 33487
CONTACT:	ASSURANCE DEVELOPMENT 1499 HUNTINGTON DR. #305 SOUTH PASADENA, CA 91030 CONTACT: BILL LEWIS PHONE: 626.765.5079
POWER COMPANY:	PG&E
TELCO COMPANY:	AT&T

CLIENT

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

1	ADDED FIRE ACCESS	APP	04/06/23
0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:

US-CA-7310
SC60515A
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:

TITLE SHEET

DRAWING SCALE:
AS NOTED

DATE: XXXX

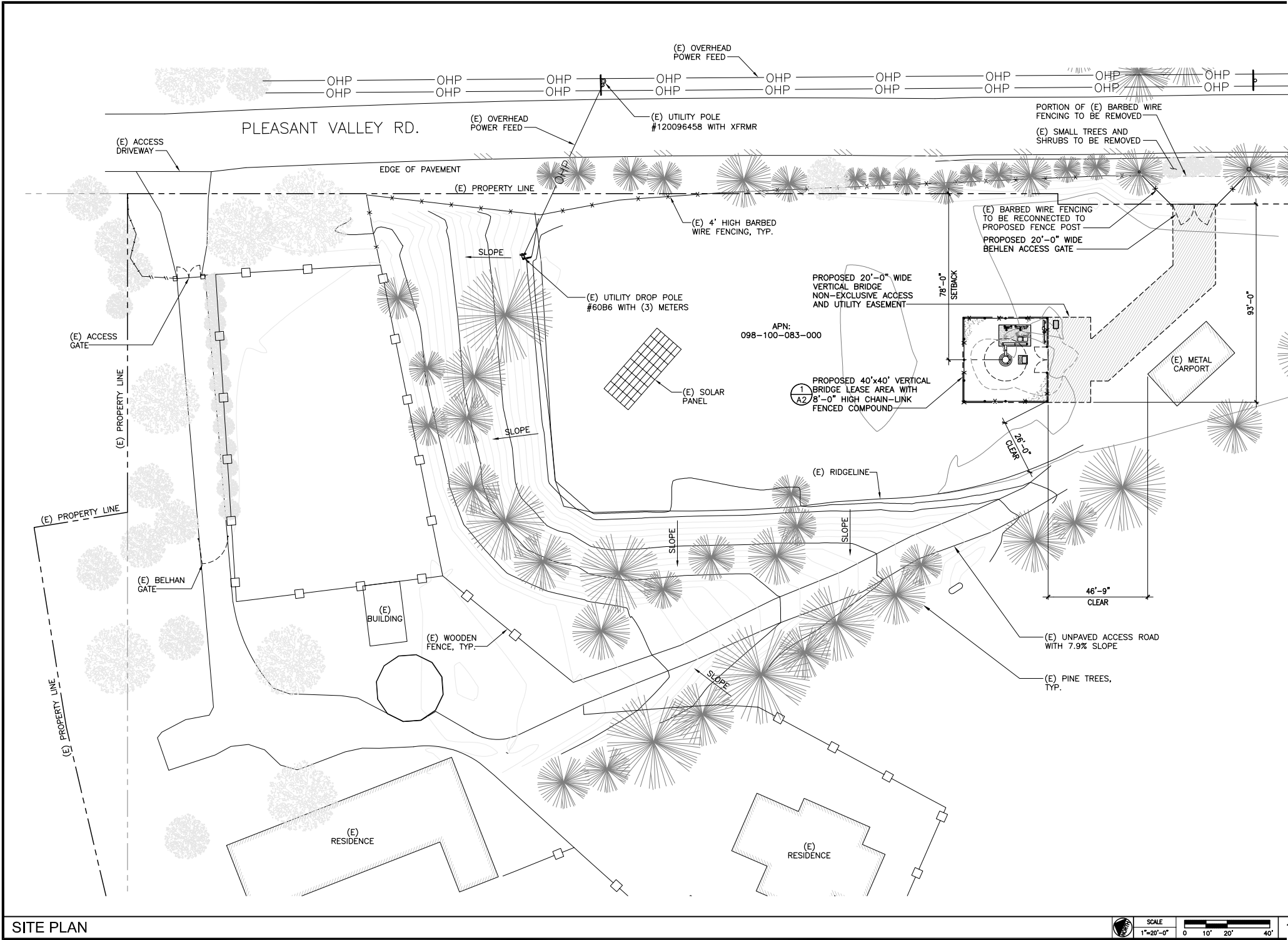
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DRAWING NUMBER:

T-1

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9



SITE PLAN

CLIENT

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

1	ADDED FIRE ACCESS	APP	04/06/23
0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515A
DIAMOND SPRINGS**
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

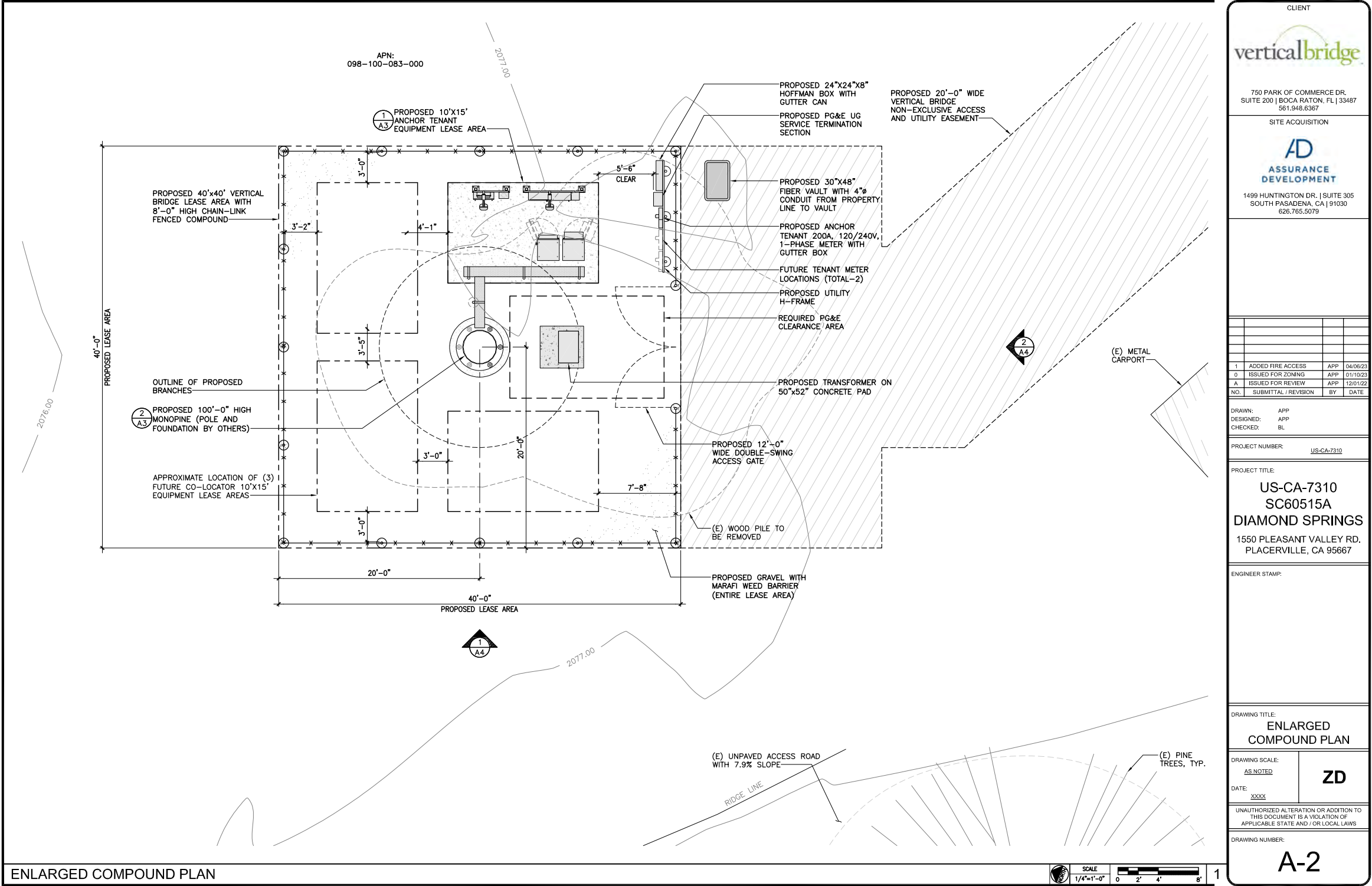
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SITE PLAN

DRAWING SCALE:
AS NOTED

DATE: XXXX

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verticalbridge

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD
ASSURANCE
DEVELOPMENT

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

NO.	SUBMITTAL / REVISION	BY	DATE
1	ADDED FIRE ACCESS	APP	04/06/23
0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515A
DIAMOND SPRINGS**
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

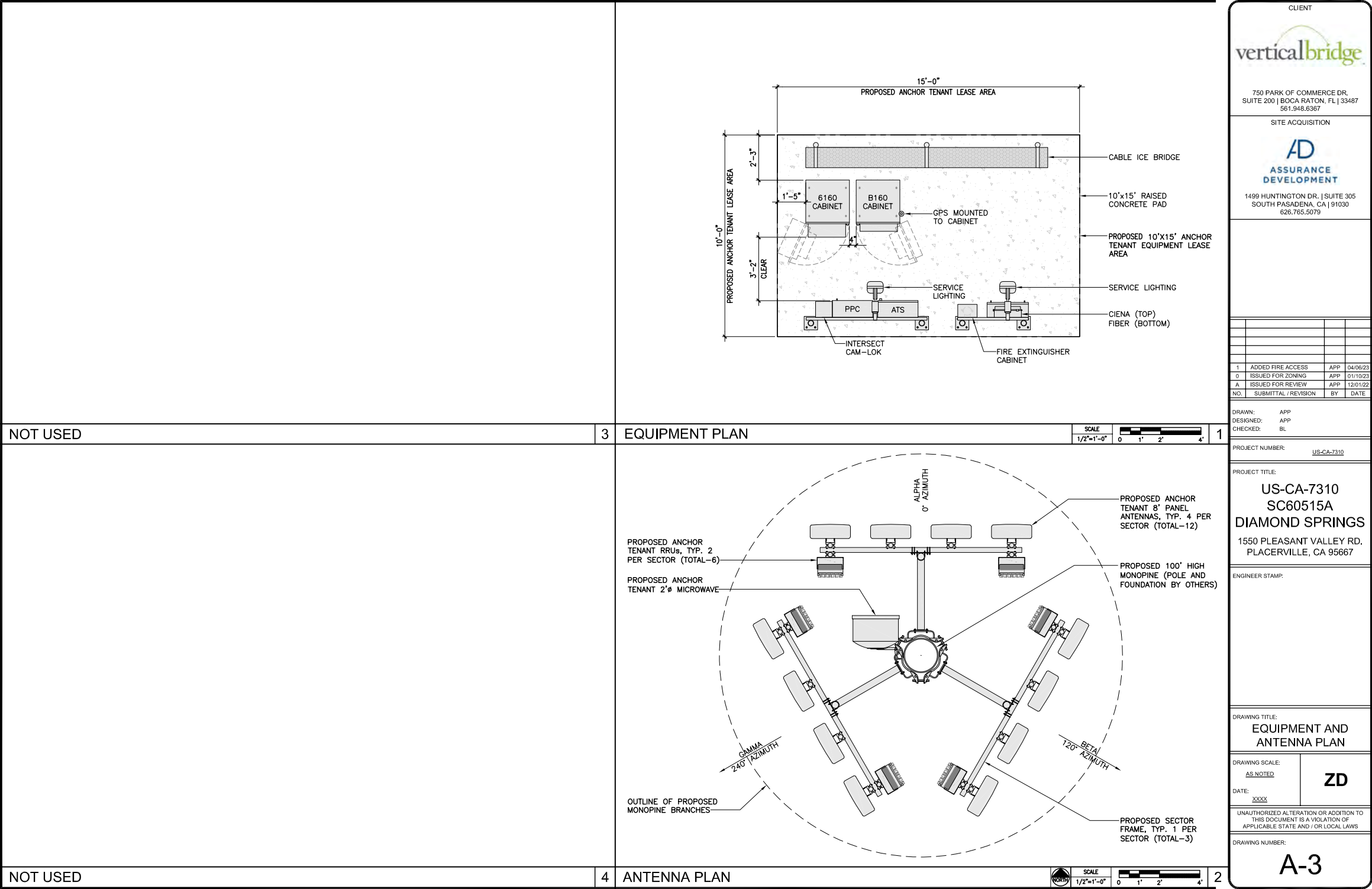
DRAWING TITLE:
**ENLARGED
COMPOUND PLAN**

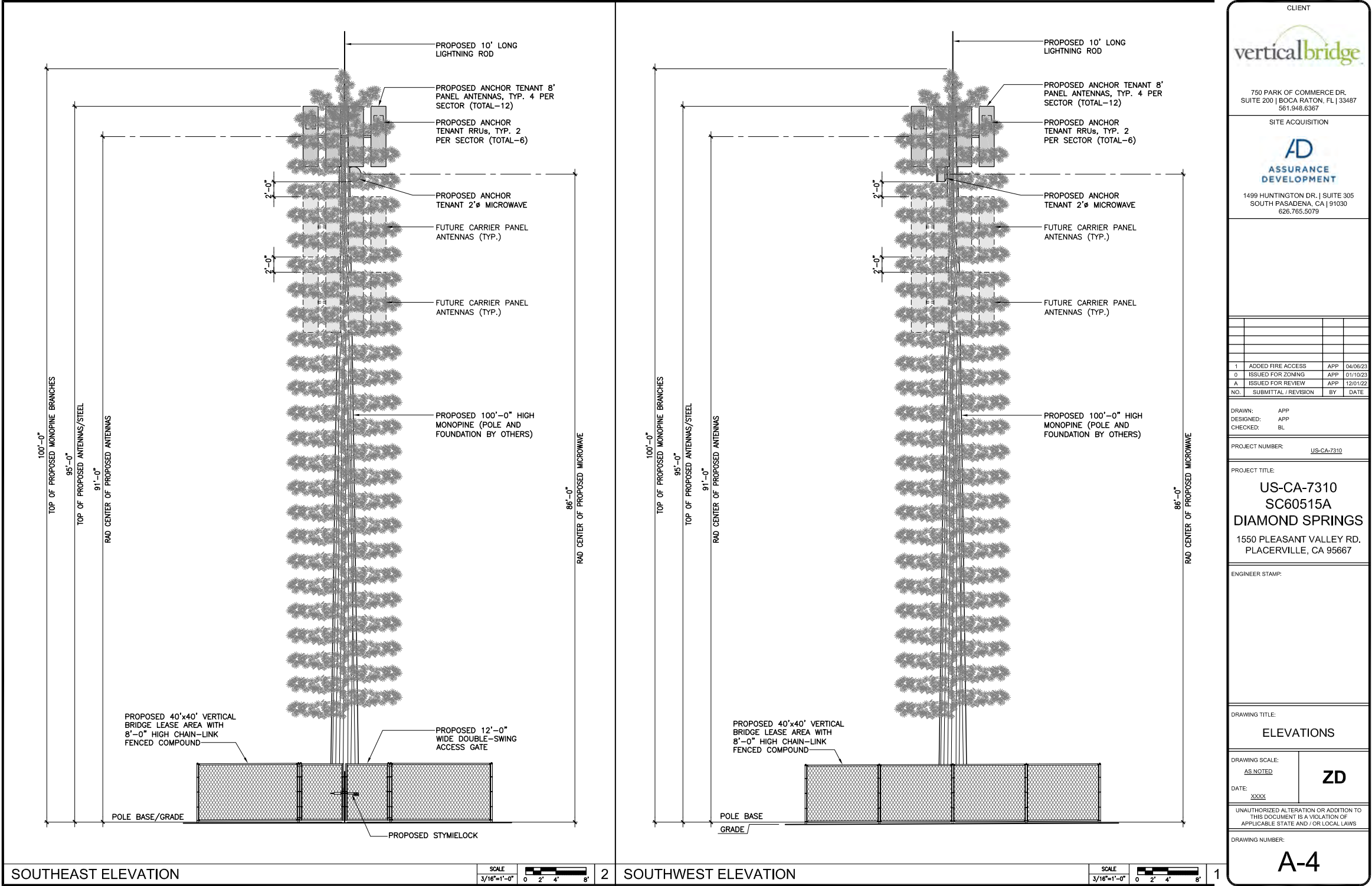
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DATE: XXXX

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CLIENT

verticalbridge

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD
ASSURANCE
DEVELOPMENT

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

NO.	SUBMITTAL / REVISION	BY	DATE
1	ADDED FIRE ACCESS	APP	04/06/23
0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:

**US-CA-7310
SC60515A
DIAMOND SPRINGS**

1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:

ELEVATIONS

DRAWING SCALE:
AS NOTED

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AERIAL MAP

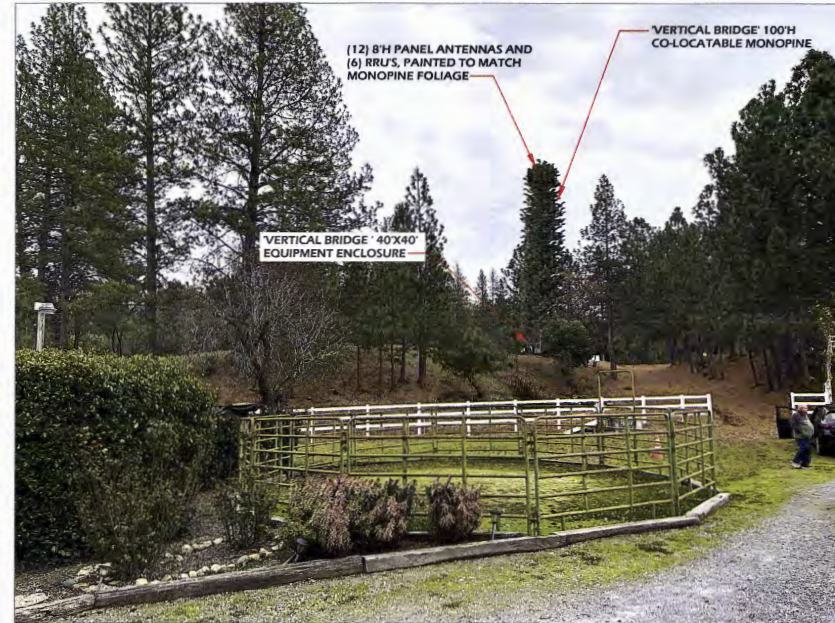


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US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY ROAD
PLACERVILLE, CA 95667

VIEW	SHEET
A	1/4

CUP23-0004

AERIAL MAP



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DRAFTLINE
CONTACT: JONCE WU
EMAIL: JONCE@DRAFTLINE.COM
PHONE: 949.252.5085
WWW.DRAFTLINE.COM

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US-CA-73 10
DIAMOND SPRINGS
1550 PLEASANT VALLEY ROAD
PLACERVILLE, CA 95667

VIEW	SHEET
B	2 / 4

AERIAL MAP

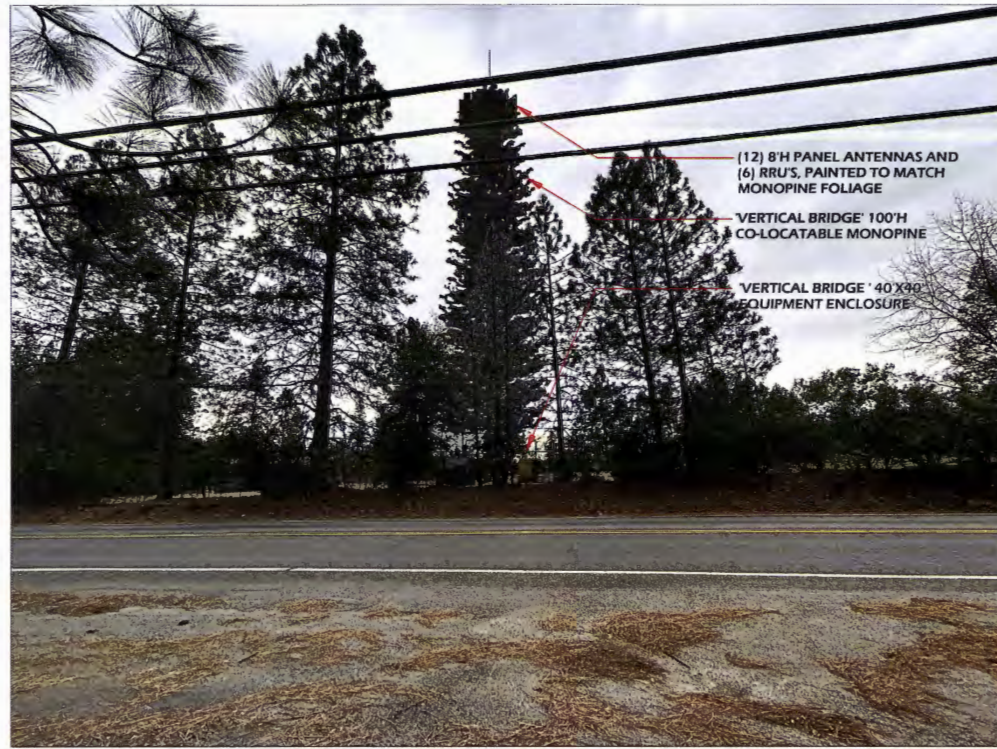


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EMAIL: JORGE@DRAFTLINK.COM
PHONE: 949-252-5095
WWW.DRAFTLINK.COM

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US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY ROAD
PLACERVILLE, CA 95667

VIEW	SHEET
C	3 / 4

AERIAL MAP



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 DRAFTLINK <small>CONTACT: JACQUELYNNE EMAIL: JACQUELYNNE@DRAFTLINK.COM PHONE: (916) 231-5045 WWW.DRAFTLINK.COM</small>	 AD ASSURANCE DEVELOPMENT	NO.	DATE	REVISIONS	BY
		0	01/23/23	ISSUED FOR SUBMITTAL	JFY



US-CA-73 10
DIAMOND SPRINGS
 1550 PLEASANT VALLEY ROAD
 PLACERVILLE, CA 95667

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**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained by Vertical Bridge, a wireless telecommunications facilities provider, to evaluate the T-Mobile West LLC base station (Site No. SC60515A) proposed to be located at 1550 Pleasant Valley Road near Placerville, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Executive Summary

T-Mobile proposes to install directional panel antennas on a tall pole, configured to resemble a pine tree, to be sited at 1550 Pleasant Valley Road near Placerville. The proposed operation will comply with the FCC guidelines limiting public exposure to RF energy.

Prevailing Exposure Standard

The U.S. Congress requires that the Federal Communications Commission ("FCC") evaluate its actions for possible significant impact on the environment. A summary of the FCC's exposure limits is shown in Figure 1. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health. The most restrictive limit for exposures of unlimited duration at several wireless service bands are as follows:

Wireless Service Band	Transmit Frequency	"Uncontrolled" Public Limit	Occupational Limit (5 times Public)
Microwave (point-to-point)	1-80 GHz	1.0 mW/cm ²	5.0 mW/cm ²
Millimeter-wave	24-47	1.0	5.0
Part 15 (WiFi & other unlicensed)	2-6	1.0	5.0
C-Band	3,700 MHz	1.0	5.0
BRS (Broadband Radio)	2,490	1.0	5.0
WCS (Wireless Communication)	2,305	1.0	5.0
AWS (Advanced Wireless)	2,110	1.0	5.0
PCS (Personal Communication)	1,930	1.0	5.0
Cellular	869	0.58	2.9
SMR (Specialized Mobile Radio)	854	0.57	2.85
700 MHz	716	0.48	2.4
600 MHz	617	0.41	2.05
[most restrictive frequency range]	30-300	0.20	1.0

General Facility Requirements

Base stations typically consist of two distinct parts: the electronic transceivers (also called "radios") that are connected to the traditional wired telephone lines, and the antennas that send the wireless signals

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

created by the radios out to be received by individual subscriber units. The transceivers are often located at ground level and are connected to the antennas by coaxial cables. Because of the short wavelength of the frequencies assigned by the FCC for wireless services, the antennas require line-of-sight paths for their signals to propagate well and so are installed at some height above ground. The antennas are designed to concentrate their energy toward the horizon, with very little energy wasted toward the sky or the ground. This means that it is generally not possible for exposure conditions to approach the maximum permissible exposure limits without being physically very near the antennas.

Computer Modeling Method

The FCC provides direction for determining compliance in its Office of Engineering and Technology Bulletin No. 65, "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Radiation," dated August 1997. Figure 2 describes the calculation methodologies, reflecting the facts that a directional antenna's radiation pattern is not fully formed at locations very close by (the "near-field" effect) and that at greater distances the power level from an energy source decreases with the square of the distance from it (the "inverse square law"). This methodology is an industry standard for evaluating RF exposure conditions and has been demonstrated through numerous field tests to be a conservative prediction of exposure levels.

Site and Facility Description

Based upon information provided by Vertical Bridge, including zoning drawings by Assurance Development, dated December 14, 2022, T-Mobile proposes to install twelve directional panel antennas – three CommScope Model FFVV-65C-R3-V1, three Ericsson Model AIR6419, and six* antennas for future operation – on a 95-foot steel pole, configured to resemble a pine tree,[†] to be sited about 220 feet to the east of the residence located at 1550 Pleasant Valley Road in unincorporated El Dorado County near Placerville. The CommScope and Ericsson antennas would employ 2° and up to 19° downtilt, respectively, would be mounted at an effective height of about 91 feet above ground, and would be oriented in identical groups of four at about 120° spacing, to provide service in all directions. The maximum effective radiated power in any direction would be 76,380 watts, representing simultaneous operation at 59,310 watts for BRS,[‡] 6,200 watts for AWS, 5,430 watts for PCS, 1,900 watts for 700 MHz, and 3,540 watts for 600 MHz service. Also proposed to be located on the pole is a

* It is recommended that the RF exposure conditions be re-evaluated for compliance with FCC limits at such time as these antennas are to be put into service.

† Foliage atop the pole puts the overall height at about 100 feet above ground.

‡ The manufacturer reports that the antenna transmits 75% of the time in this band; this factor is incorporated into the calculations.



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AB1234
Page 2 of 4

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

microwave “dish” antenna, for interconnection of this site with others in the T-Mobile network. There are reported no other wireless telecommunications base stations at the site or nearby.

Study Results

For a person anywhere at ground, the maximum RF exposure level due to the proposed T-Mobile operation, including the contribution of the microwave dish, is calculated to be 0.055 mW/cm², which is 5.9% of the applicable public exposure limit. The maximum calculated level at the second-floor elevation of the nearby residence is 7.3% of the public exposure limit. It should be noted that these results include several “worst-case” assumptions and therefore are expected to overstate actual power density levels from the proposed operation.

No Recommended Mitigation Measures

Due to their mounting location and height, the T-Mobile antennas would not be accessible to unauthorized persons, and so no measures are necessary to comply with the FCC public exposure guidelines. It is presumed that T-Mobile will, as an FCC licensee, take adequate steps to ensure that its employees or contractors receive appropriate training and comply with FCC occupational exposure guidelines whenever work is required near the antennas themselves.

Conclusion

Based on the information and analysis above, it is the undersigned’s professional opinion that operation of the base station proposed by T-Mobile West LLC at 1550 Pleasant Valley Road near Placerville, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations.

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

Authorship

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2023. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

January 17, 2023



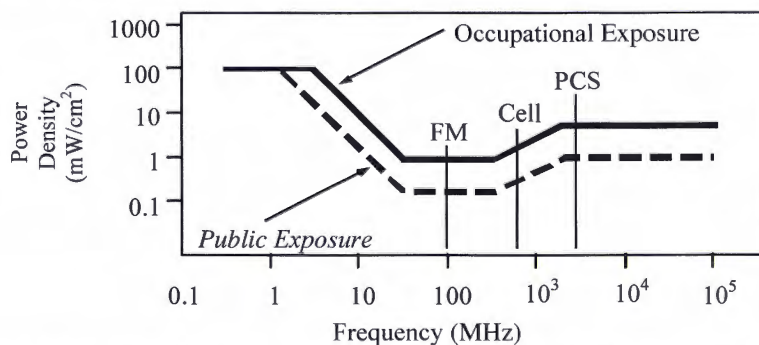
William F. Hammett
William F. Hammett, P.E.
707/996-5200

FCC Radio Frequency Protection Guide

The U.S. Congress required (1996 Telecom Act) the Federal Communications Commission ("FCC") to adopt a nationwide human exposure standard to ensure that its licensees do not, cumulatively, have a significant impact on the environment. The FCC adopted the limits from Report No. 86, "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," published in 1986 by the Congressionally chartered National Council on Radiation Protection and Measurements ("NCRP"). Separate limits apply for occupational and public exposure conditions, with the latter limits generally five times more restrictive. The more recent standard, developed by the Institute of Electrical and Electronics Engineers IEEE C95.1-2019, "Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz," includes similar limits. These limits apply for continuous exposures from all sources and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

As shown in the table and chart below, separate limits apply for occupational and public exposure conditions, with the latter limits (in *italics* and/or dashed) up to five times more restrictive:

Frequency Applicable Range (MHz)	Electromagnetic Fields (f is frequency of emission in MHz)					
	Electric Field Strength (V/m)		Magnetic Field Strength (A/m)		Equivalent Far-Field Power Density (mW/cm ²)	
0.3 – 1.34	614	<i>614</i>	1.63	<i>1.63</i>	100	<i>100</i>
1.34 – 3.0	614	<i>823.8/f</i>	1.63	<i>2.19/f</i>	100	<i>180/f²</i>
3.0 – 30	1842/f	<i>823.8/f</i>	4.89/f	<i>2.19/f</i>	900/f ²	<i>180/f²</i>
30 – 300	61.4	<i>27.5</i>	0.163	<i>0.0729</i>	1.0	<i>0.2</i>
300 – 1,500	3.54√f	<i>1.59√f</i>	√f/106	<i>√f/238</i>	f/300	<i>f/1500</i>
1,500 – 100,000	137	<i>61.4</i>	0.364	<i>0.163</i>	5.0	<i>1.0</i>



Higher levels are allowed for short periods of time, such that total exposure levels averaged over six or thirty minutes, for occupational or public settings, respectively, do not exceed the limits, and higher levels also are allowed for exposures to small areas, such that the spatially averaged levels do not exceed the limits. Hammett & Edison has incorporated conservative calculation formulas in the FCC Office of Engineering and Technology Bulletin No. 65 (August 1997) for projecting field levels in a computer program capable of calculating, at thousands of locations on an arbitrary grid, the total expected power density from any number of individual radio frequency sources. The program allows for the inclusion of uneven terrain in the vicinity, as well as any number of nearby buildings of varying heights, to obtain more accurate projections.



HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO
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FCC Guidelines
Figure 1

RFE.CALC™ Calculation Methodology

Assessment by Calculation of Compliance with FCC Exposure Guidelines

Hammett & Edison has incorporated the FCC Office of Engineering and Technology Bulletin No. 65 (“OET-65”) formulas (see Figure 1) in a computer program that calculates, at millions of locations on a grid, the total expected power density from any number of individual radio frequency sources. The program uses the specific antenna patterns from the manufacturers and allows for the inclusion of uneven terrain in the vicinity, as well as any number of nearby buildings of varying heights, to obtain accurate projections of RF exposure levels. The program can account for spatial-averaging when antenna patterns are sufficiently narrow, and time-averaging is typically considered when operation is in single-frequency bands, which require time-sharing between the base station and the subscriber devices.

OET-65 provides this formula for calculating power density in the far-field from an individual RF source:

$$\text{power density} \quad S = \frac{2.56 \times 1.64 \times 100 \times \text{RFF}^2 \times \text{ERP}}{4 \times \pi \times D^2} \text{ in mW/cm}^2$$

where ERP = total Effective Radiated Power (all polarizations), in kilowatts,
RFF = three-dimensional relative field factor toward point of calculation, and
D = distance from antenna effective height to point of calculation, in meters.

The factor of 2.56 accounts for the increase in power density due to reflections, assuming a reflection coefficient of 1.6 (1.6 x 1.6 = 2.56). This factor is typically used for all sources unless specific information from FCC filings by the manufacturer indicate that a different reflection coefficient would apply. The factor of 1.64 is the gain of a half-wave dipole relative to an isotropic radiator. The factor of 100 in the numerator converts to the desired units of power density.

Because antennas are not true “point sources,” their signal patterns may not be fully formed at close distances and so exposure levels may be lower than otherwise calculated by the formula above. OET-65 recommends the cylindrical model formula below to account for this “near-field effect”:

$$\text{power density} \quad S = \frac{180}{\theta_{\text{BW}}} \times \frac{0.1 \times P_{\text{net}}}{\pi \times D \times h} \text{ in mW/cm}^2$$

where P_{net} = net power input to antenna, in watts,
 θ_{BW} = half-power beamwidth of antenna, in degrees,
D = distance from antenna effective height to point of calculation, in meters, and
h = aperture height of antenna, in meters.

The factor of 0.1 in the numerator converts to the desired units of power density.

OET-65 confirms that the “crossover” point between the near- and far-field regions is best determined by finding where the calculations coincide from the two different formulas, and the program uses both formulas to calculate power density.

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COMMUNITY DEVELOPMENT SERVICES PLANNING AND BUILDING DEPARTMENT

2850 Fairlane Court, Placerville, CA 95667

Phone: (530) 621-5355 www.edcgov.us/Planning/

APPLICATION FOR: **CONDITIONAL/MINOR USE PERMIT** FILE # CUP23-0004

ASSESSOR'S PARCEL NO.(s) 098-100-083-000

PROJECT NAME/REQUEST: (Describe proposed use) Installation of an unmanned wireless facility-100' monopine
with ground equipment fenced in.

APPLICANT/AGENT Assurance Development agents for Vertical Bridge

Mailing Address 1499 Huntington Dr. Suite 305 South Pasadena, CA 91030

P.O. Box or Street

City

State & Zip

Phone (323) 5730045 EMAIL: JCOSGROVE@ASSURANCE-REALTY.COM

PROPERTY OWNER Dallas & Susan Olson

Mailing Address 1550 Pleasant Valley Road

Placerville

CA

P.O. Box or Street

City

State & Zip

Phone (530) 306.4885 EMAIL: _____

LIST ADDITIONAL PROPERTY OWNERS ON SEPARATE SHEET IF APPLICABLE

ENGINEER/ARCHITECT Assurance Development

Mailing Address 1499 Huntington Dr. Suite 305 South Pasadena, CA 91030

P.O. Box or Street

City

State & Zip

Phone (323) 573.0045 EMAIL: aperez@assurance-realty.com

LOCATION: The property is located on the South side of Pleasant Valley Road

N / E / W / S

street or road

730' feet/miles of the intersection with Ponderhill Road

N / E / W / S

major street or road

in the side area. PROPERTY SIZE 5 acres

acreage / square footage

X James T. Cosgrove Date 1 / 27 / 23
signature of property owner or authorized agent

FOR OFFICE USE ONLY

Date 1 Feb 23 Fee \$ 2,883- Receipt # 44811 Rec'd by C. Resha Census _____

Zoning RE-5 GPD LDR Supervisor Dist 3 Sec _____ TwN _____ Rng _____

ACTION BY PLANNING COMMISSION
ZONING ADMINISTRATOR

ACTION BY BOARD OF SUPERVISORS

Hearing Date _____

Hearing Date _____

Approved _____ Denied _____
findings and/or conditions attached

Approved _____ Denied _____
findings and/or conditions attached

APPEAL:
Approved _____ Denied _____

Executive Secretary _____

CUP23-0004

Revised 11/2017

2023 FEB -1 PM 1:54

RECEIVED
PLANNING DEPARTMENT

Conditional/Minor Use Permit
Page 5



COMMUNITY DEVELOPMENT SERVICES PLANNING AND BUILDING DEPARTMENT

2850 Fairlane Court, Placerville, CA 95667

Phone: (530) 621-5355 www.edcgov.us/Planning/

Conditional/Minor Use Permit

REQUIRED SUBMITTAL INFORMATION

The following items 1 through 9 must be provided with all applications. The remaining items shall be required where applicable. **If all the required and applicable information is not provided, the application will be deemed incomplete and will not be accepted.** For your convenience, please use the check (✓) column on the left to be sure you have all the required and applicable information. **All plans and maps MUST be folded to 8½" x 11"**.

FORMS AND MAPS REQUIRED

Check (✓)
Applicant County

- | | | |
|-----|-----|--|
| X | 1) | Application form, completed and signed. |
| X | 2) | Letter of authorization from all property owners authorizing agent to act as applicant, when applicable. |
| X | 3) | Proof of ownership (Grant Deed), if the property has changed title since the last tax roll. |
| X | 4) | A copy of official Assessor's map, showing the property outlined in red. |
| X | 5) | An 8 ½ x 11" vicinity map showing the location of the project in relation to the distance to major roads, intersections, and town sites. |
| X | 6) | Environmental Questionnaire form, completed and signed. |
| X | 7) | Provide name, mailing address and phone number of all property owners and their agents. |
| N/A | 8) | A record search for archaeological resources shall be conducted through the North Central Information Center located at CSU-Sacramento, 6000 J Street, Adams Bldg, #103, Sacramento, CA 95819-6100, phone number (916) 278-6217. If the record search identifies a need for a field survey, a survey shall be required. (A list of Archaeological Consultants and survey requirements is available at the Planning Department.) Archaeological surveys shall meet the "Guidelines for Cultural Resource Studies" approved by the Board of Supervisors, available at the Planning Department. |
| N/A | 9) | A traffic impact determination shall be provided utilizing El Dorado County's "Transportation Impact Study (TIS) – Initial Determination Form, located on the Planning Services website under "Applications and Forms". |
| N/A | 10) | If public sewer or water service is proposed, obtain and provide a Facilities Improvement Letter if the project is located within the EID service area, or a similar letter if located in another sewer/water district. |

CUP23-0004

FORMS AND MAPS REQUIRED

Check (✓)
Applicant County

- N / A 11) If off-site sewer or water facilities are proposed to serve the project, provide four (4) copies of a map showing location and size of proposed facilities. If ground water is to be used for domestic water, submit a report noting well production data for adjacent parcels, or submit a hydrological report prepared by a geologist noting the potential for water based on the nature of project site geology.
- N / A 12) In an accompanying report, provide the following data for area on each proposed parcel that is to be used for sewage disposal:
- a) Percolation rate and location of test on 4.5 acres or smaller
 - b) Depth of soil and location of test
 - c) Depth of groundwater and location of test
 - d) Direction and percent of slope of the ground
 - e) Location, if present, of rivers, streams, springs, areas subject to inundation, rock outcropping, lava caps, cuts, fills, and easements
 - f) Identify the area to be used for sewage disposal
 - g) Such additional data and information as may be required by the Division Director of Environmental Management to assess the source of potable water, the disposal of sewage and other liquid wastes, the disposal of solid wastes, drainage, and erosion control
- X 13) Preceding parcel map, final map, or record of survey, if any exists.
- N / A 14) Preliminary grading, drainage plan, and report. The plan should be of sufficient detail to identify the scope of grading, including quantities, depths of cut and fills (for roads and driveways where cuts/fills exceed 6 feet, and mass pad graded lots), location of existing drainage, proposed modifications, and impacts to downstream facilities. (See Section 110.14.240 of County Grading Ordinance for submittal detail)
- N / A 15) If located within one of the five Ecological Preserve - EP overlay zones (Mitigation Area 0), rare plants may exist on-site. The State Department of Fish & Wildlife will require an on-site biological plant survey to determine the extent and location of rare plants on the project site. Such a survey can only occur from March 15 through August 15 when plants are readily visible. Therefore, if the State Department of Fish & Wildlife requires the plant survey, a substantial delay in the processing of your application could result. To avoid potential delays, you may choose to provide this survey with application submittal. (A list of possible Botanical Consultants is available at Planning Services.)
- N / A 16) Name and address of Homeowner's Association, CSA 9 Zone of Benefit, or other road maintenance entity if it exists in the project area.
- N / A 17) A site-specific wetland investigation shall be required on projects with identified wetlands as delineated on the applicable U.S.G.S. Quadrangle and/or by site visit, when proposed improvements will directly impact the wetland (reduce the size of the wetland area) or lie near the wetlands. (Available from Planning Services are the U.S. Corps of Engineers requirements for a wetlands delineation study. A list of qualified consultants is also available.)

Conditional/Minor Use Permit
Page 7

- | | | |
|----------------|-----|---|
| X
_____ | 18) | An acoustical analysis shall be provided whenever a noise-sensitive land use (residences, hospitals, churches, libraries) are proposed adjacent to a major transportation source, or adjacent or near existing stationary noise sources. Such study shall define the existing and projected noise levels and define how the project will comply with standards set forth in the General Plan. |
| N / A
_____ | 19) | Where potential for special status plant and/or animal habitats are identified on the parcel(s), an on-site biological study shall be required to determine if the site contains special status plant or animal species or natural communities and habitats. |
| N/A
_____ | 20) | An air quality impact analysis shall be provided utilizing the El Dorado County Air Pollution Control District's "Guide to Air Quality Assessment." |

OAK TREE/OAK WOODLAND REMOVAL N / A

The following supplemental information shall be required if any Oak Woodlands, Individual Native Oak Trees, or Heritage Trees, as defined in Section 130.39.030 (Definitions) will be impacted by the project (i.e. cut down) consistent with Section 130.39.070 (Oak Tree and Oak Woodland Removal Permits – Discretionary Development Projects).

Check (✓)
Applicant County

- | | | |
|-------|----|---|
| _____ | 1) | Oak Resources Code Compliance Certificate. |
| _____ | 2) | Oak Resources Technical Report prepared by a Qualified Professional consistent with Section 2.5 (Oak Resources Technical Reports) of the Oak Resources Management Plan. |
| _____ | 3) | Completed Oak Resources Technical Report Checklist, including supplemental data for impacted Individual Native Oak Trees within Oak Woodlands, as applicable. |
| _____ | 4) | Security deposit for on-site oak tree/oak woodland retention and/or replacement planting (if proposed as part of project mitigation) consistent with Section 130.39.070.F (Security Deposit for On-Site Oak Tree/Oak Woodland Retention and Section 130.30.070.G (Security Deposit for On-Site Oak Tree/Oak Woodland Replacement Planting). |
| _____ | 5) | Reason and objective for impact to oak trees and/or oak woodlands. |

SITE PLAN REQUIREMENTS

Five (5) copies plus an electronic copy (CD-ROM or other medium) of the site plan detailing what exists on the site at time of application shall be submitted on 24" x 36" sheets or smaller, drawn to scale, and of sufficient size to clearly show all details and required data. **All plans MUST be folded to 8½" x 11", plus one 8½" x 11" reduction. NO ROLLED DRAWINGS WILL BE ACCEPTED.**

For your convenience, please check the Applicant column on the left to be sure you have all the required submittal information.

Check (✓)
Applicant County

- | | | |
|------------|----|--|
| X
_____ | 1) | Project name (if applicable). |
| X
_____ | 2) | Name, address of applicant and designer (if applicable). |

- | | | | |
|------------------|---------------|-----|--|
| <u> X </u> | <u> </u> | 3) | Date, north arrow, and scale. |
| <u> X </u> | <u> </u> | 4) | Entire parcel of land showing perimeter with dimensions. |
| <u> X </u> | <u> </u> | 5) | All roads, alleys, streets, and their names. |
| <u> N / A </u> | <u> </u> | 6) | Location of easements, their purpose and width. |
| <u> X </u> | <u> </u> | 7) | All existing and proposed uses (i.e. buildings, driveways, dwellings, utility transmission lines, etc.). |
| <u> X </u> | <u> </u> | 8) | Parking and loading stalls with dimensions (refer to Zoning Ordinance Chapter 130.35 and the Community Design Standards-Parking and Loading Standards). |
| <u> N/A </u> | <u> </u> | 9) | Trash and litter storage or collection areas, and propane tank location(s). |
| <u> X </u> | <u> </u> | 10) | Total gross square footage of proposed buildings. |
| <u> X </u> | <u> </u> | 11) | Proposed/existing fences or walls. |
| <u> N/A </u> | <u> </u> | 12) | Sign locations and sizes (if proposed) (refer to Zoning Ordinance Chapter 130.16). |
| <u> N / A </u> | <u> </u> | 13) | Pedestrian walkways, courtyards, etc. (if proposed). |
| <u> N / A </u> | <u> </u> | 14) | Exterior lighting plan (if proposed), along with a Photometric Study and fixture specifications (refer to Zoning Ordinance Chapter 130.34 and the Community Design Standards-Outdoor Lighting Standards) . |
| <u> N / A </u> | <u> </u> | 15) | Existing/proposed water, sewer, septic systems, and wells (if applicable). |
| <u> N / A </u> | <u> </u> | 16) | Existing/proposed fire hydrants. |
| <u> N / A </u> | <u> </u> | 17) | Tentative subdivision or parcel map (if applicable). |
| <u> N / A </u> | <u> </u> | 18) | Public uses (schools, parks, etc.) |
| <u> N / A </u> | <u> </u> | 19) | The location, if present, of rock outcropping, lava caps, drainage courses, lakes, canals, reservoirs, rivers, streams, spring areas subject to inundation and wetlands. (Show respective 100-foot and 50-foot septic system setbacks when a septic system is proposed). |
| <u> N / A </u> | <u> </u> | 20) | Identify areas subject to a 100-year flood on perennial streams or creeks, and show high water level (100-year) on map. Where this data is not readily available, January 1997 flood level can be shown if known. (Refer to the Federal Emergency Management Agency (FEMA) website). |
| <u> N / A </u> | <u> </u> | 21) | Note any proposed trails within the project; and where applicable, connection to existing or proposed trail systems. |

PRELIMINARY LANDSCAPE PLAN REQUIREMENTS n/a

Required when parking facilities are proposed or otherwise at planner's discretion. (Refer to Zoning Ordinance Chapter 130.33 and the Community Design Standards – Landscaping and Irrigation Standards).

(Five (5) copies plus an electronic copy (CD-ROM or other medium), **folded to 8½" x 11", plus one 11" x 17" reduction**).

Check (✓)
Applicant County

- _____ 1) Location, quantity, and a gallon size of proposed plant material (See Zoning Ordinance Chapter 130.33 and the Community Design Standards – Landscaping and Irrigation Standards).
- _____ 2) Note quantity/type of trees to be removed.
- _____ 3) Location, general type (pine, oak, etc.) and size of all existing trees, in those areas that are subject to grading or otherwise may be removed/affected by proposed improvements. Note quantity of trees to be removed.
- _____ 4) List of both common and botanical names of plant material (use of drought tolerant species is highly recommended). A recommended list of drought-tolerant species is available at Planning Services.
- _____ 5) Location of irrigation proposed. (NOTE: The final Landscape Plan will ultimately be required to meet the County's Water Conserving Landscape Standards. Copies are available at Planning Services).

PRELIMINARY GRADING AND DRAINAGE PLAN N/A

Required whenever any grading is proposed.

(Five (5) copies plus an electronic copy (CD-ROM or other medium), **folded to 8½" x 11", plus one 8.5" x 11" reduction**).

Check (✓)
Applicant County

- _____ 1) Contours or slope data (pursuant to Chapter 110.14 of County Code Grading, Erosion, and Sediment Control Ordinance).
- _____ 2) Drainage improvements, culverts, drains, etc.
- _____ 3) Limits of cut and fill. _____

PLAN OF BUILDING ELEVATIONS

Required whenever a new structure or addition is proposed.

(Five (5) copies plus an electronic copy (CD-ROM or other medium), **folded to 8½" x 11", plus one 8.5" x 11" reduction**).

Check (✓)
Applicant County

- X _____ 1) Building design, elevations of all sides.
- X _____ 2) Exterior materials, finishes, and colors.
- N/A _____ 3) Existing/proposed signs showing location, height and dimensions. Include sign plan for project with multiple businesses.

Conditional/Minor Use Permit
Page 10

Planning Services reserves the right to require additional project information as provided by Section 15060 of the California Environment Quality Act, or as required by the General Plan development policies, when such is necessary to complete the environmental assessment.

NOTE: APPLICATION WILL BE ACCEPTED BY APPOINTMENT ONLY. MAKE YOUR APPOINTMENT IN ADVANCE BY CALLING (530) 621-5355.



EL DORADO COUNTY PLANNING SERVICES

2023 FEB -1 PM 1:55

RECEIVED
PLANNING DEPARTMENT

REQUIRED SUBMITTAL INFORMATION

for

SUPPLEMENTAL SUBMITTAL INFORMATION FOR WIRELESS FACILITIES

For Special Use Permit

The following supplemental information must be provided with all applications for wireless facilities. **If all the information is not provided, the application will be deemed incomplete and will not be accepted.** For your convenience, please use the check (✓) column on the left to be sure you have **all** the required information. **All plans and maps MUST be folded to 8½" x 11"**.

FORMS AND MAPS REQUIRED

Place a check (✓) on the "Applicant" lines for those items completed. The planner receiving the application will check (✓) the "County" line.

Check
(✓)

Applicant County

- | | | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1) Provide manufactures specifications or noise studies on any proposed back up generator and or air conditioning unit(s) noise levels at the facility to property lines pursuant to General Plan Policy 6.5.
http://edcgov.us/Government/Planning/AdoptedGeneralPlan\6_health-safety.aspx |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2) Provide a copy of the Hazardous Materials Questionnaire available at the El Dorado County Environmental Management Department that indicates the fuel source and containment measures for any proposed back-up generator. Indicate the power source for the facility including batteries and or solar panels. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3) Provide an EMF/RF Report (Electromagnetic Fields/Radio Frequency) for the proposed wireless facility that demonstrates compliance with the latest FCC Wireless Facility Standards for emissions and exposure levels. Include the dimensional size, number and type of towers, microwave dishes and antennae on the plans and in the EMF/RF report. The report shall address the proposed facility's EMF/RF energy emissions as well as addressing existing wireless facilities EMF/RF energy emissions to ensure compliance with FCC EMF/RF regulations. Express power density in milliwatts per square centimeter (mW/cm ²). |
| <input type="checkbox"/> N/A | <input type="checkbox"/> | 4) Provide information describing the fire suppression system proposed for the wireless facility shelter/enclosure. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5) Provide information that shows and lists alternative site locations that have been reviewed pursuant to Zoning Ordinance Chapter 17.14.210 (B) (1).
http://edcgov.us/Government/Planning/ZoningOrdSep2013/Chapter17-14_092013.aspx |
| <input type="checkbox"/> N/A | <input type="checkbox"/> | 6) Provide information identifying the school district and any homeowners association established by CC&Rs which involve the property on which the proposed facility is to be located, pursuant to Zoning Ordinance Chapter 17.14.210 (J).
http://edcgov.us/Government/Planning/ZoningOrdSep2013/Chapter17-14_092013.aspx |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 7) Provide information describing the co-location capability of the proposed tower. |

CUP23-0004

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Check
(✓)

Applicant County

- | | | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8) Provide seven (7) color copies of Visual Simulations. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 9) Indicate a fire district approved turn around at project site. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 10) Indicate the facility setbacks to property lines and or road easements. Describe and justify any requested setback waivers. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11) Indicate if the facility will be underground or above ground and if the utilities will be underground or above ground. Indicate the distance and cubic yards of material removed and replaced for utility trenching. |
| <input type="checkbox"/> N/A | <input type="checkbox"/> | 12) Indicate any lighting to be used and if any timers or motion detector controlled lights will be utilized and type of light shielding. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13) Provide information on paint and colors proposed to be used on the facility and support structure. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 14) Provide information on the type of camouflage techniques to be used on the facility and support structure (s) and show how you will address the elimination of all reflective surfaces. |
| <input type="checkbox"/> N/A | <input type="checkbox"/> | 15) Identify and list all tree and plant species type and size that will be removed and replaced for the new facility if applicable. |
| <input type="checkbox"/> N/A | <input type="checkbox"/> | 16) Provide a landscaping plan and temporary irrigation system for the facility if vegetation is to be used to screen the facility. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 17) Provide a title report or deed identifying legal access. (Private Property See Zoning Drawings) |

LETTER OF AUTHORIZATION

2023 FEB -1 PM 1:55

APPLICATION FOR ZONING/LAND USE ENTITLEMENTS

RECEIVED
PLANNING DEPARTMENT

Site Number: CA-7310

Property Address: 1550 Pleasant Valley Road, Placerville CA

Assessor's Parcel Number: 098-100-083-000

I/We, the owner(s) of the above described property, authorize Vertical Bridge, and/or Assurance Realty, LLC, dba Assurance Development, their employees, representatives, agents, and/or consultants, to act as an agent on my/our behalf for the sole purpose of consummating any building and land-use permit applications, or any other entitlements necessary for the purpose of constructing and operating a wireless telecommunications facility. I/We understand that any application may be denied, modified, or approved with conditions, and that such conditions or modifications must be complied with prior to issuance of building permits.

I/We further understand that signing of this authorization in no way creates an obligation of any kind.

Signature of Property Owner(s):

Dallas D. Olson Date: 10-18-22

Susan A. Olson Date: 10-18-22

ACKNOWLEDGMENT

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

State of California

County of El Dorado

On October 18, 2022 before me, Jeffery R. Fales, Notary Public
(insert name and title of the officer)

personally appeared Dallas D. Olson and Susan A. Olson
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

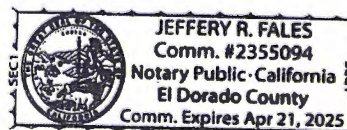
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

[Signature]

(Seal)



CUP23-0004

RECORDING REQUESTED BY
CHICAGO TITLE COMPANY
AND WHEN RECORDED MAIL TO

DALLAS D. OLSON
1550 Pleasant Valley Road
Placerville, Ca. 95667

El Dorado, County Recorder
William E. Schultz Co Recorder Office
DOC- 2001-0000305-00

Acct 1-CHICAGO TITLE CO
Wednesday, JAN 03, 2001 08:00:00
Ttl Pd \$219.00 Nbr-0000100042
JMB/C2/1-2

RECEIVED
PLANNING DEPARTMENT

2001 FEB - 1 PM 1:56

Escrow No. 1048541 - JM
Order No. 1048541 - JZ

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

Assessor's Parcel No:
098-100-83-100

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX IS \$209.00

☒ unincorporated area ☐ City of

☒ computed on the full value of the interest or property conveyed, or is

☐ computed on the full value less the value of liens or encumbrances remaining at time of sale, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
JEANETTE CAROL JONES, AN UNMARRIED WOMAN

PCOS
FILED

hereby GRANT(S) to
DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE and JACK L. GORDON AND
VERA JEAN GORDON, HUSBAND AND WIFE ALL AS JOINT TENANTS

the following described real property in the
County of EL DORADO

, State of California:

LEGAL DESCRIPTION ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE

Dated December 28, 2000

STATE OF CALIFORNIA

COUNTY OF EL DORADO

On DECEMBER 29, 2000

before me,

JEANETTE CAROL JONES

JUDY MUSICK

a Notary Public in and for said County and State, personally appeared
JEANETTE CAROL JONES

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Judy Musick
Signature of Notary

Date My Commission Expires

FOR NOTARY SEAL OR STAMP

MAIL TAX STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE: IF NO PARTY SO SHOWN, MAIL AS DIRECTED ABOVE

Name

Street Address

City, State & Zip

GD1 --05/30/97bk

CUP23-0004

01/03/2001,20010000305

Page 1

Escrow No. 1048541 -JM

LEGAL DESCRIPTION EXHIBIT

PARCEL ONE:

ALL THAT PORTION OF SECTIONS 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A 3/4 INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH 1/4 CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET; THENCE FROM THE POINT OF BEGINNING NORTH 67°52'00" EAST, 373.11 FEET TO A SIMILAR PIPE ON THE SOUTHWESTERLY BOUNDARY OF COUNTY ROAD NO. 77; THENCE ALONG SAID BOUNDARY SOUTH 22°08'00" EAST, 436.81 FEET TO A 1 1/2 INCH CAPPED IRON PIPE; THENCE SOUTH 67°52'00" WEST 5.00 FEET TO A SIMILAR PIPE; THENCE SOUTH 22°12'30" EAST 299.89 FEET TO A SIMILAR PIPE; THENCE NORTH 67°52'00" EAST 10.00 FEET TO A SIMILAR PIPE; THENCE SOUTH 22°08'00" EAST 112.92 FEET; THENCE LEAVING SAID BOUNDARY AND ALONG THE NORTHERLY LINE OF THE LANDS OF WALTER E. WILLIAMS, ET UX NORTH 76°58'00" WEST 7.30 FEET TO A 1 1/2 INCH CAPPED IRON PIPE RIGHT OF WAY MONUMENT; THENCE GENERALLY ALONG A FENCE LINE NORTH 76°58'00" WEST 816.43 FEET TO A 5/8 INCH IRON BOLT; THENCE CONTINUING GENERALLY ALONG SAID FENCE LINE SOUTH 87°24'30" WEST 371.11 FEET TO A POINT FROM WHICH A 5/8 INCH IRON BAR IN A FENCE CORNER BEARS SOUTH 87°24'30" WEST 1021.00 FEET; THENCE LEAVING SAID FENCE LINE NORTH 46°35'15" EAST 691.78 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM ALL THAT PORTION THEREOF DESCRIBED IN THE DEED TO LOU JEAN E. BOGUSCH AN UNMARRIED WOMAN RECORDED MARCH 15, 1996 IN BOOK 4652 AT PAGE 279 OFFICIAL RECORDS.

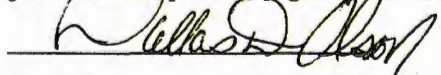

PARCEL TWO:

ALL THAT PORTION OF SECTION 33, TOWNSHIP 10 NORTH, RANGE 11 EAST, M.D.M., MORE PARTICULARLY DESCRIBED AS FOLLOWS:

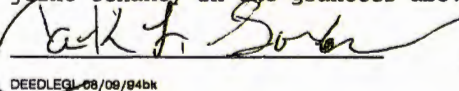
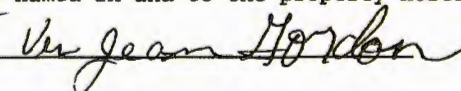
BEGINNING AT THE SOUTHWEST CORNER OF THE HEREIN DESCRIBED PROPERTY FROM WHICH POINT THE NORTH QUARTER CORNER OF SAID SECTION 33 BEARS THE FOLLOWING (3) THREE COURSES: (1) NORTH 30°03'20" WEST 364.30 FEET, (2) NORTH 65°10'30" EAST 428.34 FEET, AND (3) SOUTH 80°02'20" EAST 2,318.71 FEET; THENCE FROM SAID POINT OF BEGINNING NORTH 54°40'27" EAST 125.89 FEET; THENCE NORTH 58°41'32" EAST 95.00 FEET; THENCE SOUTH 31°18'28" EAST 44.45 FEET; THENCE SOUTH 67°52'00" WEST 223.44 FEET TO THE POINT OF BEGINNING.

ASSESSOR'S PARCEL NUMBER 098-100-83-100

SUSAN A. OLSON wife of DALLAS D. OLSON hereby consents to the creation of the above joint tenancy in the grantees above named in and to the property herein described.

VERA JEAN GORDON wife of JACK L. GORDON hereby consents to the creation of the above joint tenancy in the grantees above named in and to the property herein described.

DEEDLEGL 08/08/94bk

01/03/2001,20010000305

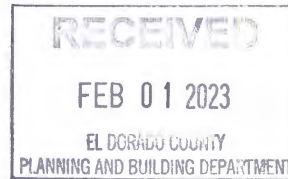


ASSURANCE
DEVELOPMENT

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PLANNING DEPARTMENT

January 27th, 2023

Eldorado County Planning Department
2850 Fairlane Court
Placerville, CA 95667
Attn: Planning



Applicant: Vertical Bridge
Property Owner: Dallas and Susan Olson
Property Address: 1550 Pleasant Valley Road, Placerville, CA 95667
A.P.N: 098-100-083-000

RE: Wireless Application Package

Vertical Bridge seeks the requisite approvals and building permit to install a new wireless facility at the parcel with APN number: 098-100-083-0000. The proposal consists of installing (12) new antennas and associated support equipment on a 100' mono-pine. The equipment will be located on the ground within an enclosed 40'x40' fenced space. Your relevant forms, submittal requirements, and the applicable fees have been submitted with this letter.

Under the Telecommunications Act of 1996 ("Act"), you are required to act on Vertical Bridge's application "within a reasonable period of time." In a 2009 declaratory ruling, the Federal Communications Commission established a legal presumption that a "reasonable period of time" means 150 days to act on an application for a new wireless facility (the "shot clock"). Because the proposed facility seeks to locate a new personal wireless service facility, the County must act on Vertical Bridge's application within 150 days. The shot clock begins to run the day the application is submitted. Here, the County must take final action no later than 150 days from today, or January 18th, 2023.

Vertical Bridge respectfully requests that this application be approved and any requisite building permit be issued as soon as possible but no later than Aug 5th, 2023. If you have any questions regarding this application, please contact me.

Respectfully,

James T. Cosgrove

James T Cosgrove
Assurance
Development
1499 Huntington Dr. Suite 305
South Pasadena, CA 91030

CUP23-0004



James Cosgrove
Assurance Development
jcosgrove@assurance-realty.com
1.323.573.0045
1499 Huntington Drive #305
South Pasadena, CA 91030

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El Dorado County

Cover Letter & Table of Contents for Site # CA-7310 - Diamond Springs - Proposed Unmanned Wireless Telecommunication Facility

This cover letter provides information for obtaining a Conditional Use Permit for a proposed unmanned wireless facility at: 1550 Pleasant Valley Road, Placerville, CA 95667. Vertical Bridge requests review and approval of the proposed wireless telecommunication facility.

Table of Contents:

- Project Description & Narrative
- Alternative Site Analysis (Part of Narrative)
- Conditional Use Permit Checklist & Application
- Cell Tower Supplemental Application & Hazardous Materials Application
- Letter of Authorization
- Grant Deed
- RF Emission Report
- Photo Simulations - 7 copies
- Vicinity Map
- Coverage Maps
- Generator Specifications with sound output levels
- Site Plan & Elevations - Zoning Drawings - 5 copies (24" x 36")
- Shot Clock Letter

* All submitted materials in electronic form in enclosed flash drive

Project Specific Location

- Site # / Site Name: CA-7310 - Diamond Springs - Wireless Telecommunications Facility
- Address: 1550 Pleasant Valley Road, Placerville, CA 95667
- APN: 098-100-083-000
- Zoning: Residential Estate- 5 Acres
- Occupancy: U (Unmanned Telecom Facility)
- Construction Type: (V-B)
- Longitude / Latitude Type: (NAD 83)
- Latitude: 38.682694° degrees North
- Longitude: -120.776414° degrees West
- Monopine Height: 100'

Respectfully submitted,

James T. Cosgrove
Assurance Development, an Authorized Agent of Vertical Bridge

Vertical Bridge Project: (CA-7310 – Diamond Springs)
1550 Pleasant Valley Road, Placerville, CA 95667

CUP23-0004



James Cosgrove
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South Pasadena, CA 91030

El Dorado County

Project Description for Site # CA-7310 - Diamond Springs - Unmanned Wireless Telecommunication Facility

Vertical Bridge is requesting the review and approval of a Conditional Use Permit for the construction of an unmanned wireless facility located at 1550 Pleasant Valley Road, Placerville, CA 95667. The property is located in Residential Estates- 5 Acre, in the unincorporated area of Eldorado County. Vertical Bridge presents the following project information for your consideration and processing:

Property Owner Information

- Owner: Dallas Olson & Susan Olson, Husband and Wife
- Contact Name: Dallas Olson
- Address: 1550 Pleasant Valley Road, Placerville, CA 95667
- Contact Phone #: 530.306.4885

Project Representative

- Name: James Cosgrove
- Company: Assurance Development
- Address: 1499 Huntington Drive #305, South Pasadena, CA 91030
- Contact (Phone): (323)573-0045
- Contact (Email): jcosgrove@assurance-realty.com

Development Contact

- Company: Vertical Bridge
- Address: 750 Park of Commerce Drive, Ste 200, Boca Raton, FL 33487
- Attn: Vertical Bridge REIT, LLC

Vertical Bridge Project: (CA-7310 – Diamond Springs)
1550 Pleasant Valley Road, Placerville, CA 95667



James Cosgrove
Assurance Development
jcosgrove@assurance-realty.com
1.323.573.0045
1499 Huntington Drive #305
South Pasadena, CA 91030

Project Description + Aerial Vicinity Map- 100' Monopine

PROJECT DESCRIPTION:

CONSTRUCTION OF TELECOMMUNICATIONS AND PUBLIC UTILITY FACILITY, CONSISTING OF A 100'-0" MONOPINE WITH (12) 8' ANTENNAS, (6) RRU'S, (1) 2' MICROWAVE, (1) GPS ANTENNA, REQUIRED ANTENNA CABLING, HCS JUMPERS, (2) GROUND MOUNTED RADIO CABINETS ON A RAISED CONCRETE PAD, CABLE ICE BRIDGE, UTILITY BACKBOARD AND MULTI-METER UTILITY SERVICE MOUNTED ON H-FRAME WITHIN A 40'x40' FENCED LEASE AREA. NO WATER OR SEWER SERVICE IS REQUIRED. THIS WILL BE AN UNMANNED FACILITY.

Aerial Vicinity Map- Additional Vicinity Map Included



Vertical Bridge Project: (CA-7310 – Diamond Springs)
1550 Pleasant Valley Road, Placerville, CA 95667



James Cosgrove
Assurance Development
jcosgrove@assurance-realty.com
1.323.573.0045
1499 Huntington Drive #305
South Pasadena, CA 91030

Radio Frequency Coverage Information and Justification

Vertical Bridge is requesting to build an unmanned wireless facility at 1550 Pleasant Valley Road, Placerville, CA 95667 at a height of 100' AGL, to improve existing wireless coverage to underserved wireless users in the surrounding area.

The accompanying coverage prediction plots exhibit the need for this site. The colored shade shows existing as well as proposed increase in coverage.

See below for Existing and Proposed Site Coverage. *Propagation Maps enclosed for further detail.*

Existing Site Coverage:

OFF AIR

Range			
Minimum	Maximum	Label	Color
-144	-137	4	
-137	-87	3	
-87	-55	2	
-55	0	1	



Vertical Bridge Project: (CA-7310 – Diamond Springs)
1550 Pleasant Valley Road, Placerville, CA 95667

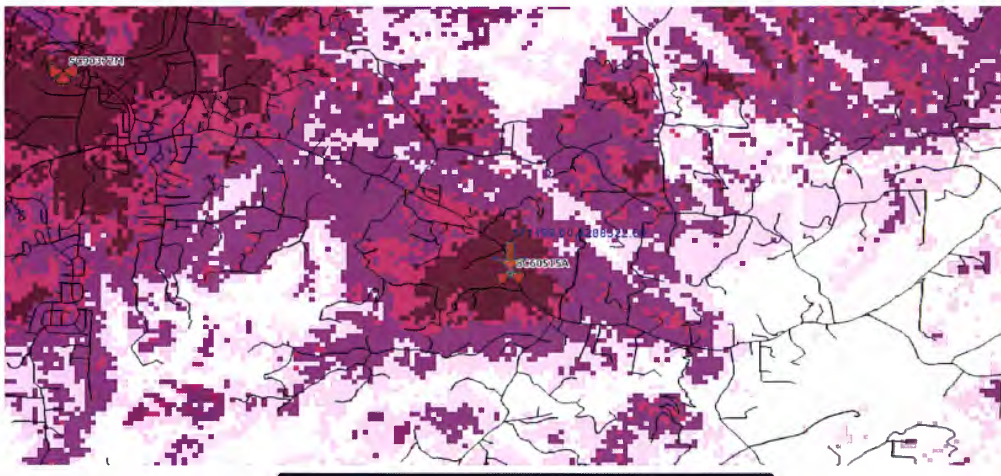


James Cosgrove
Assurance Development
jcosgrove@assurance-realty.com
1.323.573.0045
1499 Huntington Drive #305
South Pasadena, CA 91030

Proposed Site Coverage:

ON AIR @ 91' RC, 0/120/240 Degrees Azimuth

Ranges			
Minimum	Maximum	Label	Color
114	107	4	
107	87	2	
87	58	2	
58	0	1	



Site Selection

1550 Pleasant Valley Road, Placerville, CA 95667: This has been deemed by engineering to be the most appropriate location for the installation of a wireless facility. Chosen candidate was based on propagation and radio frequency cover studies conducted. It is the least intrusive and will not degrade the personal health, safety, and welfare of the community. Maintaining the current location of the site will create better wireless coverage for the underserved wireless users in the surrounding area.

Alternative Site Analysis Justifying Project

Alternative Locations Considered:

Kristin Thornton-1536 Pleasant Valley Road Placerville, CA 95667:

Candidate was interested and is next door to the chosen candidate above. The chosen candidate had 30' ft additional height in elevation between properties allowing for greater coverage without increasing the height of the proposed extension.

Pleasant Oak Baptist Church - 1731 Pleasant Valley Road Placerville, CA 95667:

Property owner did not reply to interest.

Vertical Bridge Project: (CA-7310 – Diamond Springs)
1550 Pleasant Valley Road, Placerville, CA 95667



James Cosgrove
Assurance Development
jcosgrove@assurance-realty.com
1.323.573.0045
1499 Huntington Drive #305
South Pasadena, CA 91030

Rachelle and Bruce Stamm - 1589 Pleasant Valley Road Placerville, CA 95667:

Candidate was interested. Once coverage maps for this property were generated by engineering, it was determined that heavy interference would be caused by trees in area based on Property owners approved placement of the tower. Site would not have met coverage objectives.

El Dorado County Fire Protection District -1834 Pleasant Valley Road Placerville, CA 95667:

Delays occurred in locating decision maker for property. Contact made after lease was already executed with chosen candidate.

RF Emissions Standards-See Attached Report

Public safety of RF emissions by the FCC was established by the Telecommunications Act of 1996. The proposed site meets the FCC limits for safe exposure, as per the attach: *Hammett & Edison Inc. RF Emissions report*.

Standards have been set based on peer-reviewed scientific studies and recommendations from a variety of oversight organizations, including the National Council on Radiation Protection and Measurements (NCRP), American National Standards Institute (ANSI), Institute of Electrical and Electronics Engineers (IEEE), Environmental Protection Agency (EPA), Federal Drug Administration (FDA), Occupational Safety and Health Administration (OSHA), and National Institute for Occupational Safety and Health (NIOSH).

Thank you for your time and assistance in reviewing and processing our submittal materials. Please do no hesitate to contact me should you have any questions associated with this project.

Respectfully Submitted,

James T. Cosgrove

James Cosgrove
Project Representative

Vertical Bridge Project: (CA-7310 – Diamond Springs)
1550 Pleasant Valley Road, Placerville, CA 95667



COMMUNITY DEVELOPMENT SERVICES PLANNING AND BUILDING DEPARTMENT

2850 Fairlane Court, Placerville, CA 95667
Phone: (530) 621-5355 www.edcgov.us/Planning/

EL DORADO COUNTY PLANNING SERVICES ENVIRONMENTAL QUESTIONNAIRE

File Number _____

Date Filed _____

Project Title Diamond Springs- CA-7310 Lead Agency _____
Name of Owner Dallas & Susan Olson Telephone 530.306.4885
Address 1550 Pleasant Valley Road, Placerville, CA 95667
Name of Applicant Assurance Development obo Vertical Bridge Telephone 323.573.0045
Address 1499 Huntington Dr. Suite 305 South Pasadena, CA 91030
Project Location 1550 Pleasant Valley Road, Placerville, CA 95667
Assessor's Parcel Number(s) 098-100-083-000 Acreage 5 Zoning Residential Estate

Please answer all of the following questions as completely as possible. Subdivisions and other major projects will require a Technical Supplement to be filed together with this form.

1. Type of project and description: Unmanned Wireless Facility- 100' Monopine
See Drawings
2. What is the number of units/parcels proposed? N/A

GEOLOGY AND SOILS

3. Identify the percentage of land in the following slope categories:
☒ 0 to 10% ☐ 11 to 15% ☐ 16 to 20% ☐ 21 to 29% ☐ over 30%
4. Have you observed any building or soil settlement, landslides, rock falls or avalanches on this property or in the nearby surrounding area? No
5. Could the project affect any existing agriculture uses or result in the loss of agricultural land? No

CUP23-0004

DRAINAGE AND HYDROLOGY

6. Is the project located within the flood plain of any stream or river? NO
If so, which one? _____
7. What is the distance to the nearest body of water, river, stream or year-round drainage channel?
None in immediate area Name of the water body? There is a pond on private property 700' away
8. Will the project result in the direct or indirect discharge of silt or any other particles in noticeable amount into any lakes, rivers or streams? No
9. Will the project result in the physical alteration of a natural body of water or drainage way?
If so, in what way? No
10. Does the project area contain any wet meadows, marshes or other perennially wet areas?

VEGETATION AND WILDLIFE

11. What is the predominant vegetative cover on the site (trees, brush, grass, etc.)? Estimate percentage of each: N/A - Grass / Dirt
12. How many trees of 6-inch diameter will be removed when this project is implemented? N / A

FIRE PROTECTION

13. In what structural fire protection district (if any) is the project located? Eldorado #23
14. What is the nearest emergency source of water for fire protection purposes (hydrant, pond, etc.)? Pond 700' away on private property. Hydrant location tbd
15. What is the distance to the nearest fire station? 1/2 mile
16. Will the project create any dead-end roads greater than 500 feet in length? No
17. Will the project involve the burning of any material including brush, trees and construction materials? No

NOISE QUALITY

18. Is the project near an industrial area, freeway, major highway or airport? _____
If so, how far? Next to Pleasant Valley Road
19. What types of noise would be created by the establishment of this land use, both during and after construction? Back-up generator. Tested monthly and used when power is off

AIR QUALITY

20. Would any noticeable amounts of air pollution, such as smoke, dust or odors, be produced by this project? No

WATER QUALITY

21. Is the proposed water source ☐ public or ☒ private, ☐ treated or ☐ untreated?
22. What is the water use (residential, agricultural, industrial or commercial)? Residential

AESTHETICS

23. Will the project obstruct scenic views from existing residential areas, public lands, and/or public bodies of water or roads? No

ARCHAEOLOGY/HISTORY

24. Do you know of any archaeological or historical areas within the boundaries or adjacent to the project? (e.g., Indian burial grounds, gold mines, etc.) No

SEWAGE

N / A

25. What is the proposed method of sewage disposal? ☐ septic system ☐ sanitation district
Name of district: N/A
26. Would the project require a change in sewage disposal methods from those currently used in the vicinity? N/A

TRANSPORTATION

27. Will the project create any traffic problems or change any existing roads, highways or existing traffic patterns? N / A
28. Will the project reduce or restrict access to public lands, parks or any public facilities? N/A

GROWTH-INDUCING IMPACTS

29. Will the project result in the introduction of activities not currently found within the community? N/A
30. Would the project serve to encourage development of presently undeveloped areas, or increases in development intensity of already developed areas (include the introduction of new or expanded public utilities, new industry, commercial facilities or recreation activities)?

31. Will the project require the extension of existing public utility lines? See Below
If so, identify and give distances: New power service will be delivered

GENERAL

32. Does the project involve lands currently protected under the Williamson Act or an Open Space Agreement? N /A
33. Will the project involve the application, use or disposal of potentially hazardous materials, including pesticides, herbicides, other toxic substances or radioactive material?
Diesel back-up generator
34. Will the proposed project result in the removal of a natural resource for commercial purposes (including rock, sand, gravel, trees, minerals or top soil)? No
35. Could the project create new, or aggravate existing health problems (including, but not limited to, flies, mosquitoes, rodents and other disease vectors)? No
36. Will the project displace any community residents? No

DISCUSS ANY YES ANSWERS TO THE PREVIOUS QUESTIONS (attached additional sheets if necessary)

MITIGATION MEASURES (attached additional sheets if necessary)

Proposed mitigation measures for any of the above questions where there will be an adverse impact:

None

Form Completed by: James T. Cosgrove Date: 1 / 27 / 23

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PLANNING DEPARTMENT

COUNTY OF EL DORADO - ENVIRONMENTAL MANAGEMENT DEPARTMENT 2850 FAIRLANE COURT, PLACERVILLE, CA 95667 (530) 621-5300 3368 LAKE TAHOE BLVD. #303, SOUTH LAKE TAHOE, CA 96150 (530) 573-3450		
Hazardous Materials Statement Solid Waste/Hazardous Materials Division (SW/HM)		
Owners Name: Dallas & Susan Olson	Date: 1 /27 /23	Time:
Operators Name: Vertical Bridge	Business Lic. or Permit/Plan Check #:	
Facility/Business Name: Diamond Springs-CA-7310	Phone: 561.948.6367	
Physical Address: 1550 Pleasant Valley Road Placerville CA 95667	Mailing Address: 1550 Pleasant Valley Road Placerville, CA 95667	
Brief Business Description: Installation of an unmanned wireless facility monopine 100'		
with ground equipment to be fenced in.		
Please answer Yes or No to the following questions:		
Note: The term "hazardous materials" includes gasoline, diesel, lubricating oils, solvents, flammable liquids and solids, toxic liquids and solids, corrosive liquids and solids, explosives, radioactive materials, and compressed gases, including propane when used for purposes other than facility heating.		
A. Will this facility have on site for any purpose individual liquid hazardous materials in quantities equal to or greater than 55 gallons regardless of container size?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
B. Will this facility have on site for any purpose individual solid hazardous materials quantities equal to or greater than 500 pounds regardless of container size?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
C. Will this facility handle individual compressed gases in quantities equal to or greater than 200 standard cubic feet regardless of container pressure?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
D. Will this facility have on site for any purpose extremely hazardous substances in any quantity as specified in 40 CFR Part 355?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
E. Do you own or operate any underground storage tanks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
F. Will this facility generate or treat hazardous waste in any quantity?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If your facility will store reportable quantities of hazardous materials (55 gallons) or generate hazardous waste, prior to commencing operations the owner/operator must: Prepare, submit and implement a hazardous materials business plan and pay appropriate fees.		
<ul style="list-style-type: none"> Obtain a hazardous waste generator identification number from the California Department of Toxic Substances Control. Train all employees to properly handle hazardous materials and wastes. Implement proper hazardous materials and hazardous waste storage methods in accordance with the Uniform Fire Code and Uniform Building Code. 		
Business owners and operators intending to handle hazardous materials in excess of reportable quantities are required by law to complete and file a hazardous materials business plan with our Department prior to obtaining a business license or prior to having the materials onsite, whichever comes first. Hazardous Materials Business Plan forms are available at http://www.edcgov.us/emd/solidwaste/bus_plan_index.html		
Certification: By signing below I acknowledge my responsibility to comply with the hazardous material and hazardous waste laws and regulations enforced by the EDC Environmental Management Department and agree to prepare and submit a plan when required.		
Applicant: <i>James T. Cosgrove</i>	Date: 1 /27 /23	
SW/HM Approval:		Date:

CUP23-0004

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RECEIVED
PLANNING DEPARTMENT

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained by Vertical Bridge, a wireless telecommunications facilities provider, to evaluate the T-Mobile West LLC base station (Site No. SC60515A) proposed to be located at 1550 Pleasant Valley Road near Placerville, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Executive Summary

T-Mobile proposes to install directional panel antennas on a tall pole, configured to resemble a pine tree, to be sited at 1550 Pleasant Valley Road near Placerville. The proposed operation will comply with the FCC guidelines limiting public exposure to RF energy.

Prevailing Exposure Standard

The U.S. Congress requires that the Federal Communications Commission ("FCC") evaluate its actions for possible significant impact on the environment. A summary of the FCC's exposure limits is shown in Figure 1. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health. The most restrictive limit for exposures of unlimited duration at several wireless service bands are as follows:

Wireless Service Band	Transmit Frequency	"Uncontrolled" Public Limit	Occupational Limit (5 times Public)
Microwave (point-to-point)	1–80 GHz	1.0 mW/cm ²	5.0 mW/cm ²
Millimeter-wave	24–47	1.0	5.0
Part 15 (WiFi & other unlicensed)	2–6	1.0	5.0
C-Band	3,700 MHz	1.0	5.0
BRS (Broadband Radio)	2,490	1.0	5.0
WCS (Wireless Communication)	2,305	1.0	5.0
AWS (Advanced Wireless)	2,110	1.0	5.0
PCS (Personal Communication)	1,930	1.0	5.0
Cellular	869	0.58	2.9
SMR (Specialized Mobile Radio)	854	0.57	2.85
700 MHz	716	0.48	2.4
600 MHz	617	0.41	2.05
[most restrictive frequency range]	30–300	0.20	1.0

General Facility Requirements

Base stations typically consist of two distinct parts: the electronic transceivers (also called "radios") that are connected to the traditional wired telephone lines, and the antennas that send the wireless signals



HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO

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AB1234
Page 1 of 4

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

created by the radios out to be received by individual subscriber units. The transceivers are often located at ground level and are connected to the antennas by coaxial cables. Because of the short wavelength of the frequencies assigned by the FCC for wireless services, the antennas require line-of-sight paths for their signals to propagate well and so are installed at some height above ground. The antennas are designed to concentrate their energy toward the horizon, with very little energy wasted toward the sky or the ground. This means that it is generally not possible for exposure conditions to approach the maximum permissible exposure limits without being physically very near the antennas.

Computer Modeling Method

The FCC provides direction for determining compliance in its Office of Engineering and Technology Bulletin No. 65, "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Radiation," dated August 1997. Figure 2 describes the calculation methodologies, reflecting the facts that a directional antenna's radiation pattern is not fully formed at locations very close by (the "near-field" effect) and that at greater distances the power level from an energy source decreases with the square of the distance from it (the "inverse square law"). This methodology is an industry standard for evaluating RF exposure conditions and has been demonstrated through numerous field tests to be a conservative prediction of exposure levels.

Site and Facility Description

Based upon information provided by Vertical Bridge, including zoning drawings by Assurance Development, dated December 14, 2022, T-Mobile proposes to install twelve directional panel antennas – three CommScope Model FFVV-65C-R3-V1, three Ericsson Model AIR6419, and six* antennas for future operation – on a 95-foot steel pole, configured to resemble a pine tree,[†] to be sited about 220 feet to the east of the residence located at 1550 Pleasant Valley Road in unincorporated El Dorado County near Placerville. The CommScope and Ericsson antennas would employ 2° and up to 19° downtilt, respectively, would be mounted at an effective height of about 91 feet above ground, and would be oriented in identical groups of four at about 120° spacing, to provide service in all directions. The maximum effective radiated power in any direction would be 76,380 watts, representing simultaneous operation at 59,310 watts for BRS,[‡] 6,200 watts for AWS, 5,430 watts for PCS, 1,900 watts for 700 MHz, and 3,540 watts for 600 MHz service. Also proposed to be located on the pole is a

* It is recommended that the RF exposure conditions be re-evaluated for compliance with FCC limits at such time as these antennas are to be put into service.

† Foliage atop the pole puts the overall height at about 100 feet above ground.

‡ The manufacturer reports that the antenna transmits 75% of the time in this band; this factor is incorporated into the calculations.



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CONSULTING ENGINEERS
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AB1234
Page 2 of 4

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

microwave “dish” antenna, for interconnection of this site with others in the T-Mobile network. There are reported no other wireless telecommunications base stations at the site or nearby.

Study Results

For a person anywhere at ground, the maximum RF exposure level due to the proposed T-Mobile operation, including the contribution of the microwave dish, is calculated to be 0.055 mW/cm², which is 5.9% of the applicable public exposure limit. The maximum calculated level at the second-floor elevation of the nearby residence is 7.3% of the public exposure limit. It should be noted that these results include several “worst-case” assumptions and therefore are expected to overstate actual power density levels from the proposed operation.

No Recommended Mitigation Measures

Due to their mounting location and height, the T-Mobile antennas would not be accessible to unauthorized persons, and so no measures are necessary to comply with the FCC public exposure guidelines. It is presumed that T-Mobile will, as an FCC licensee, take adequate steps to ensure that its employees or contractors receive appropriate training and comply with FCC occupational exposure guidelines whenever work is required near the antennas themselves.

Conclusion

Based on the information and analysis above, it is the undersigned’s professional opinion that operation of the base station proposed by T-Mobile West LLC at 1550 Pleasant Valley Road near Placerville, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations.

**Vertical Bridge • Site No. US-CA-7310
T-Mobile West LLC • Proposed Base Station No. SC60515A
1550 Pleasant Valley Road • Placerville, California**

Authorship

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2023. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.



William F. Hammett
William F. Hammett, P.E.
707/996-5200

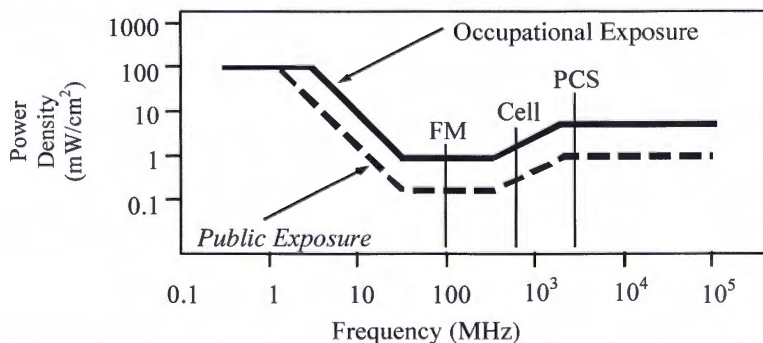
January 17, 2023

FCC Radio Frequency Protection Guide

The U.S. Congress required (1996 Telecom Act) the Federal Communications Commission ("FCC") to adopt a nationwide human exposure standard to ensure that its licensees do not, cumulatively, have a significant impact on the environment. The FCC adopted the limits from Report No. 86, "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," published in 1986 by the Congressionally chartered National Council on Radiation Protection and Measurements ("NCRP"). Separate limits apply for occupational and public exposure conditions, with the latter limits generally five times more restrictive. The more recent standard, developed by the Institute of Electrical and Electronics Engineers IEEE C95.1-2019, "Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz," includes similar limits. These limits apply for continuous exposures from all sources and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

As shown in the table and chart below, separate limits apply for occupational and public exposure conditions, with the latter limits (in *italics* and/or dashed) up to five times more restrictive:

Frequency Applicable Range (MHz)	Electromagnetic Fields (f is frequency of emission in MHz)					
	Electric Field Strength (V/m)		Magnetic Field Strength (A/m)		Equivalent Far-Field Power Density (mW/cm ²)	
0.3 – 1.34	614	<i>614</i>	1.63	<i>1.63</i>	100	<i>100</i>
1.34 – 3.0	614	<i>823.8/f</i>	1.63	<i>2.19/f</i>	100	<i>180/f²</i>
3.0 – 30	1842/f	<i>823.8/f</i>	4.89/f	<i>2.19/f</i>	900/f ²	<i>180/f²</i>
30 – 300	61.4	<i>27.5</i>	0.163	<i>0.0729</i>	1.0	<i>0.2</i>
300 – 1,500	<i>3.54√f</i>	<i>1.59√f</i>	<i>√f/106</i>	<i>√f/238</i>	<i>f/300</i>	<i>f/1500</i>
1,500 – 100,000	137	<i>61.4</i>	0.364	<i>0.163</i>	5.0	<i>1.0</i>



Higher levels are allowed for short periods of time, such that total exposure levels averaged over six or thirty minutes, for occupational or public settings, respectively, do not exceed the limits, and higher levels also are allowed for exposures to small areas, such that the spatially averaged levels do not exceed the limits. Hammett & Edison has incorporated conservative calculation formulas in the FCC Office of Engineering and Technology Bulletin No. 65 (August 1997) for projecting field levels in a computer program capable of calculating, at thousands of locations on an arbitrary grid, the total expected power density from any number of individual radio frequency sources. The program allows for the inclusion of uneven terrain in the vicinity, as well as any number of nearby buildings of varying heights, to obtain more accurate projections.



HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO

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FCC Guidelines
Figure 1

RFE.CALC™ Calculation Methodology

Assessment by Calculation of Compliance with FCC Exposure Guidelines

Hammett & Edison has incorporated the FCC Office of Engineering and Technology Bulletin No. 65 ("OET-65") formulas (see Figure 1) in a computer program that calculates, at millions of locations on a grid, the total expected power density from any number of individual radio frequency sources. The program uses the specific antenna patterns from the manufacturers and allows for the inclusion of uneven terrain in the vicinity, as well as any number of nearby buildings of varying heights, to obtain accurate projections of RF exposure levels. The program can account for spatial-averaging when antenna patterns are sufficiently narrow, and time-averaging is typically considered when operation is in single-frequency bands, which require time-sharing between the base station and the subscriber devices.

OET-65 provides this formula for calculating power density in the far-field from an individual RF source:

$$\text{power density} \quad S = \frac{2.56 \times 1.64 \times 100 \times \text{RFF}^2 \times \text{ERP}}{4 \times \pi \times D^2} \text{ in mW/cm}^2$$

where ERP = total Effective Radiated Power (all polarizations), in kilowatts,
RFF = three-dimensional relative field factor toward point of calculation, and
D = distance from antenna effective height to point of calculation, in meters.

The factor of 2.56 accounts for the increase in power density due to reflections, assuming a reflection coefficient of 1.6 ($1.6 \times 1.6 = 2.56$). This factor is typically used for all sources unless specific information from FCC filings by the manufacturer indicate that a different reflection coefficient would apply. The factor of 1.64 is the gain of a half-wave dipole relative to an isotropic radiator. The factor of 100 in the numerator converts to the desired units of power density.

Because antennas are not true "point sources," their signal patterns may not be fully formed at close distances and so exposure levels may be lower than otherwise calculated by the formula above. OET-65 recommends the cylindrical model formula below to account for this "near-field effect":

$$\text{power density} \quad S = \frac{180}{\theta_{\text{BW}}} \times \frac{0.1 \times P_{\text{net}}}{\pi \times D \times h} \text{ in mW/cm}^2$$

where P_{net} = net power input to antenna, in watts,
 θ_{BW} = half-power beamwidth of antenna, in degrees,
D = distance from antenna effective height to point of calculation, in meters, and
h = aperture height of antenna, in meters.

The factor of 0.1 in the numerator converts to the desired units of power density.

OET-65 confirms that the "crossover" point between the near- and far-field regions is best determined by finding where the calculations coincide from the two different formulas, and the program uses both formulas to calculate power density.

2023 FEB -1 PM 1:56

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AERIAL MAP

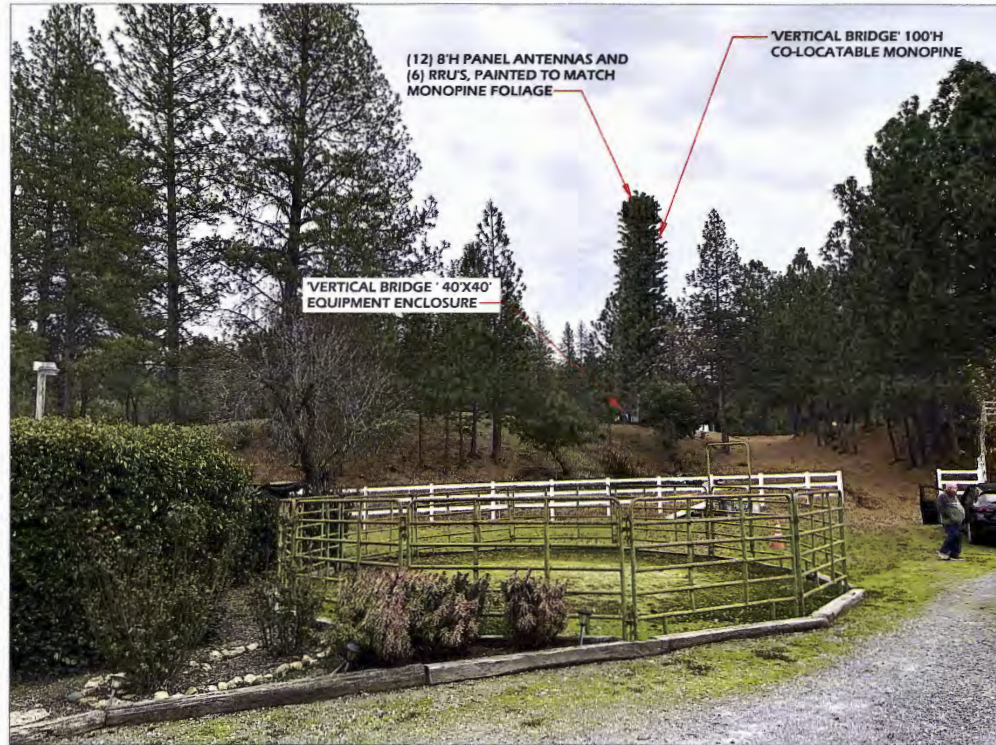


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EXISTING



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NO.	DATE	REVISIONS	BY
0	01/23/23	ISSUED FOR SUBMITTAL	JFY



US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY ROAD
PLACERVILLE, CA 95667

VIEW	SHEET
A	1 / 4

CUP23-0004

AERIAL MAP



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PHOTO PROVIDED BY: ASSURANCE DEVELOPMENT

 DRAFTLINK CONTACT: JONAS HU EMAIL: JONAS@DRAFTLINK.COM PHONE: 925.362.8085 WWW.DRAFTLINK.COM	 ASSURANCE DEVELOPMENT	NO.	DATE	REVISIONS	BY		US-CA-73 10 DIAMOND SPRINGS 1550 PLEASANT VALLEY ROAD PLACERVILLE, CA 95667	VIEW	SHEET
		0	01/23/23	ISSUED FOR SUBMITTAL	JFY			B	2 / 4

AERIAL MAP

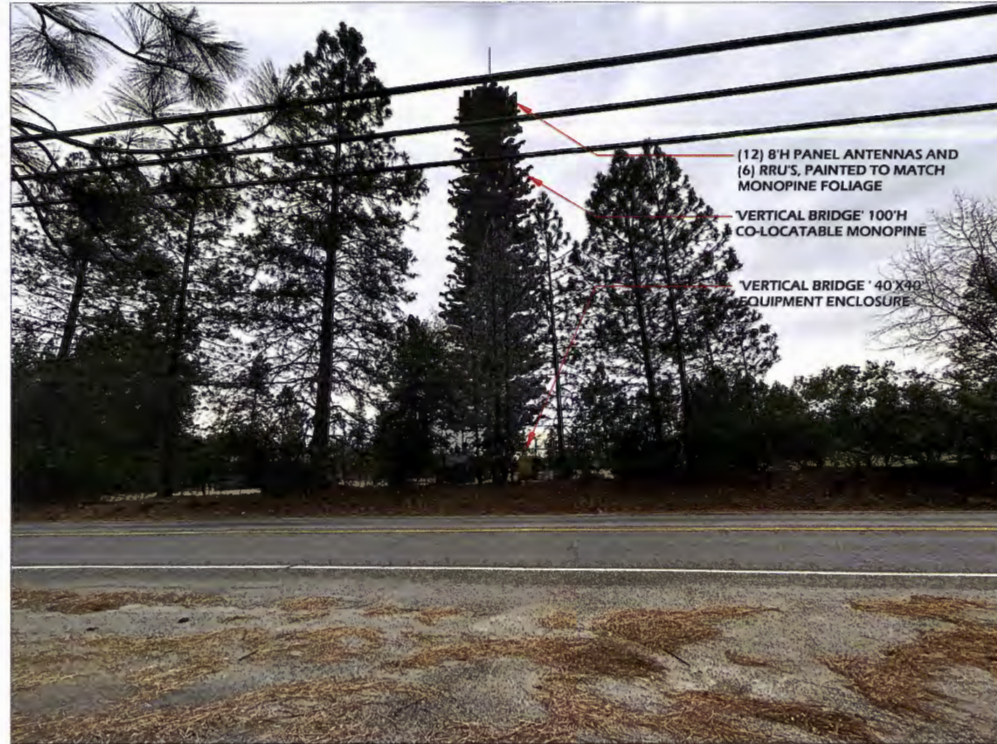


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 DRAFTLINK <small>CONTACT: JORDY RU EMAIL: JORDY@DRAFTLINK.COM PHONE: (916) 252-5093 WWW.DRAFTLINK.COM</small>	 ASSURANCE DEVELOPMENT	NO	DATE	REVISIONS	BY		US-CA-7310 DIAMOND SPRINGS <small>1550 PLEASANT VALLEY ROAD PLACERVILLE, CA 95667</small>	VIEW	SHEET
		0	01/23/23	ISSUED FOR SUBMITTAL	JTY			C	3 / 4

AERIAL MAP



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NO.	DATE	REVISIONS	BY
0	01/23/23	ISSUED FOR SUBMITTAL	JFY



US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY ROAD
PLACERVILLE, CA 95667

VIEW	SHEET
D	4 / 4

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CUP23-0004

OFF AIR

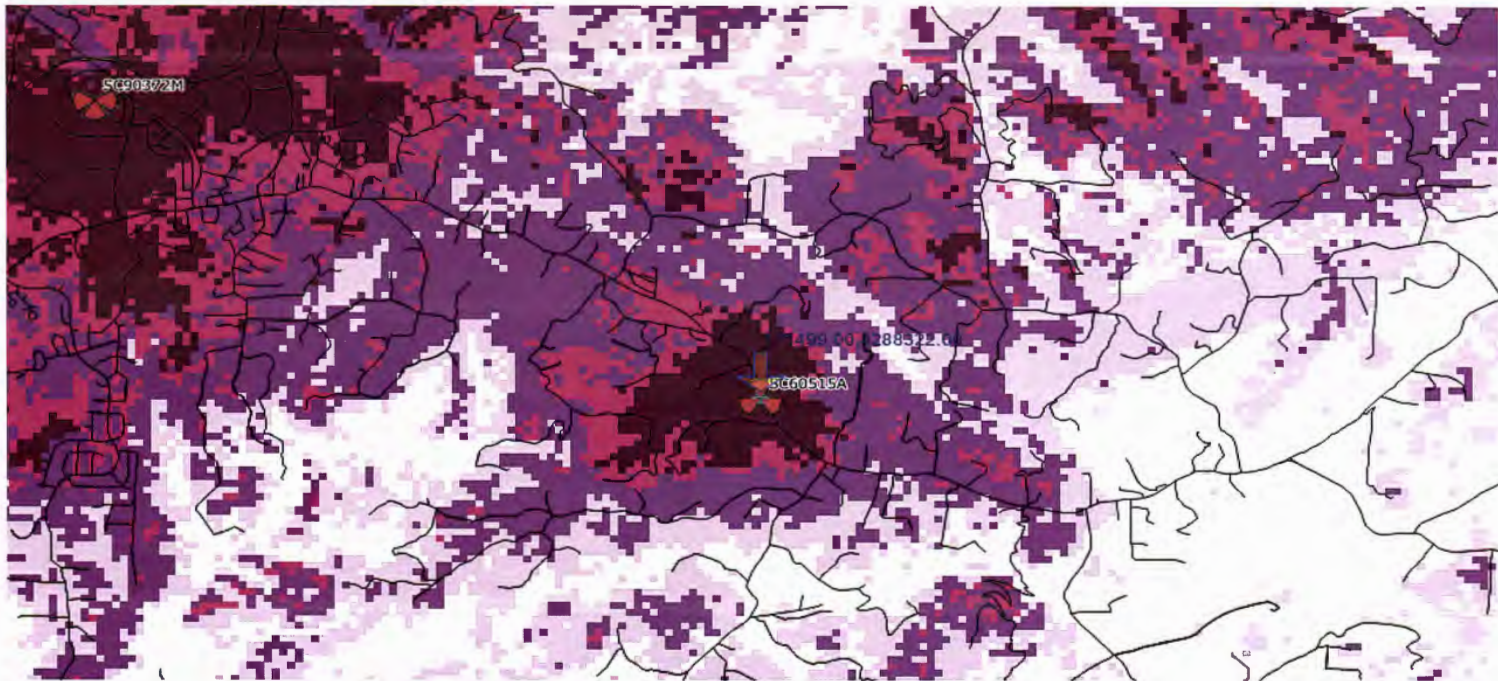
Ranges			
Minimum	Maximum	Label	Colour
-114	-107	4	
-107	-97	3	
-97	-88	2	
-88	0	1	



T-Mobile

ON AIR @ 91' RC, 0/120/240 Degrees Azimuth

Ranges			
Minimum	Maximum	Label	Colour
-114	-107	4	
-107	-97	3	
-97	-86	2	
-86	0	1	



T-Mobile

RD025 | 2.2L | 25kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

**GENERAC[®] | INDUSTRIAL
POWER**

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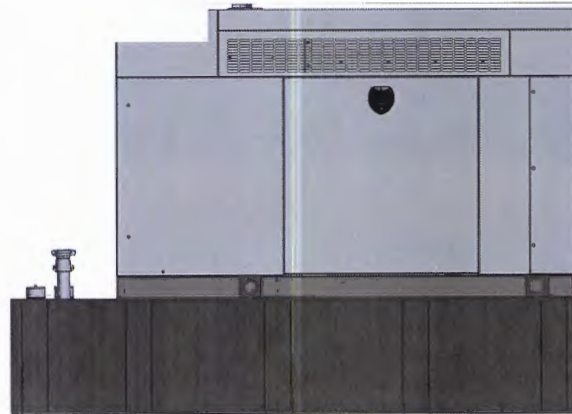
Model Numbers
25kW: G0071920

*Note Noise Output On

Page 5*

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Standby Power Rating
25 kW, 31.25 kVA, 60 Hz



*Assembled in the USA using
domestic and foreign parts

Image used for illustration purposes only

CODES AND STANDARDS

Not all codes and standards apply to all configurations.
Contact factory for details.



UL2200, UL489, UL142



CSA C22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99



ISO 3046, 8528, 9001



NEMA ICS1, ICS10, MG1, 250, ICS6,
AB1



ANSI/IEEE C62.41

POWERING AHEAD

For over 50 years, Generac has led the industry with innovative design and superior manufacturing. Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application. Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

CUP23-0004

SPEC SHEET

1 OF 5

RD025 | 2.2L | 25kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | **INDUSTRIAL**
POWER

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STANDARD FEATURES

ENGINE SYSTEM

- Block Heater
- Oil Drain Extension
- Fan Guard
- Factory Filled Oil and Coolant

GENERATOR SET

- Sound Attenuated Aluminum Enclosure
- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Wrapped Exhaust Piping
- Standard Factory Testing
- Ready to Accept Full Load in <10 Seconds
- External Emergency Stop Push Button

ENCLOSURE

- Lockable Doors- Keyed Lock with Padlock Hasp
- Rust Proof Hardware
- RhinoCoat™ Textured Polyester Powder Coat

Electrical System

- Battery
- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor
- Smart Battery Charger
- Battery Disconnect

ALTERNATOR SYSTEM

- 2/3 Pitch
- Skewed Stator
- Sealed Bearings
- Low Temperature Rise <120°C
- Low THD <5%

Cooling System

- Closed Coolant Recovery System
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension
- Can Operate at up to 122°F (50°C) Ambient Temperature

Fuel System

- Primary Fuel Filter
- Stainless Steel Fuel Lines

FUEL TANK

- 48 Minimum Hour Run Time
- UL142 Listed
- Lockable Fuel Cap

CONTROL SYSTEM



Evolution™ Controller

- Two-Line Plain Text LCD Display
- Programmable Start Delay Between 10-30Seconds
- 10 Second Engine Start Sequence
- 5 Second Engine Warm Up
- 1 Minute Engine Cool-Down
- Starter Lock-Out
- Smart Battery Charger
- Automatic Voltage Regulation with Over and Under Protection
- Automatic Low Oil Pressure Shutdown
- Overspeed Shutdown
- High Temperature Shutdown
- Overcrank Protection
- Safety Fused
- Failure to Transfer Protection
- Low Battery Protection
- 50 Event Run Log
- Future Set Capable Exerciser
- Incorrect Wiring Protection
- Internal Fault Protection

- Common External Fault Capability
- Governor Failure Protection
- OBD2 Diagnostic Port

Alarms

- Door Open
- Fuel Level
 - 90% Full
 - 50% Low Fuel
 - 10% Shutdown
- Generator Running
- Not in Auto
- Common Shutdown

OPTIONAL SHIPPED LOOSE AND FIELD INSTALL KITS

GENERATOR SET

- Paint Kit
- Scheduled Maintenance Kit

FUEL TANK

- Fuel Fill Drop Tube
- Spill Box
- 90% Fuel Audible Alarm
- Tank Risers
- Spill Box Drainback Kit
- Vent Extension Support Kit
- Overfill Prevention Valve

SPEC SHEET

2 OF 5

RD025 | 2.2L | 25kW**INDUSTRIAL DIESEL GENERATOR SET**

EPA Certified Stationary Emergency

GENERAC | **INDUSTRIAL
POWER**

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RECEIVED
PLANNING DEPARTMENT**APPLICATION AND ENGINEERING DATA****ENGINE SPECIFICATIONS****General**

Make	Perkins
EPA Emission Compliance	Stationary Emergency
Cylinder #	4
Type	In-Line
Displacement - in³ (L)	135.2 (2.216)
Bore - in (mm)	3.30 (84.0)
Stroke - in (mm)	3.94 (100.0)
Compression Ratio	23.3:1
Intake Air Method	Turbocharged/Aftercooled
Piston Type	Aluminum Alloy
Crankshaft Type	Cast Iron OHV
Engine Block Type	Aluminum

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow Spin-On Canister
Crankcase Capacity - L (qts)	10.6 (11.2)

Cooling System

Cooling System Type	Pre-Lubed, Self-Sealing
Fan Type	Pusher
Fan Speed (RPM)	1,980
Fan Diameter - mm (in)	18.0 (457.2)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specification	ASTM
Fuel Pump Type	Mechanical Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line mm (in)	7.94 (0.31) ID
Fuel Return Line mm (in)	4.76 (0.19) ID
Fuel Filtering (microns)	25

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	Group 27F
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	Generac
Poles	4
Field Type	Rotating
Insulation Class - Rotor	F
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Direct
Bearings	Sealed Ball
Coupling	Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Regulation Accuracy (Steady State)	±1.0%

SPEC SHEET

3 OF 5

RD025 | 2.2L | 25kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | **INDUSTRIAL POWER**

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OPERATING DATA

POWER RATINGS

	Standby		
Single-Phase 120/240 VAC @1.0pf	25 kW	Amps: 104	Circuit Breaker Size Amps: 125

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip at 30%

120/240 V, Single-Phase at 0.4pf	168 Amps
----------------------------------	----------

FUEL CONSUMPTION RATES*

Percent Load	Diesel gal/hr (L/hr)
25%	0.85 (3.2)
50%	1.28 (4.8)
75%	1.65 (6.2)
100%	2.10 (7.9)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

	Standby	
Air Flow (Radiator and Alternator)	cfm (m³/min)	2,800 (79)
Coolant System Capacity	gal (l)	2.5 (9.5)
Temperature Deration	3% for every 5°C above 25°C or 1.7% for every 5°F over 77°F	
Altitude Deration	1% for every 100 m above 915 or 3% for every 1,000 ft over 3,000 ft	
Maximum Radiator Backpressure	in H ₂ O	0.5

COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power cfm (m³/min)	87.9 (2.5)

ENGINE

	Standby
Rated Engine Speed	RPM 1,800

EXHAUST

	Standby
Exhaust Flow (Rated Output)	cfm (m³/min) 268.4 (7.6)
Exhaust Temp (Rated Output - Post Silencer)	°F (°C) 865 (463)

Deration - Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please consult a Generac Power Systems Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

SPEC SHEET

4 OF 5

RD025 | 2.2L | 25kW

INDUSTRIAL DIESEL GENERATOR SET

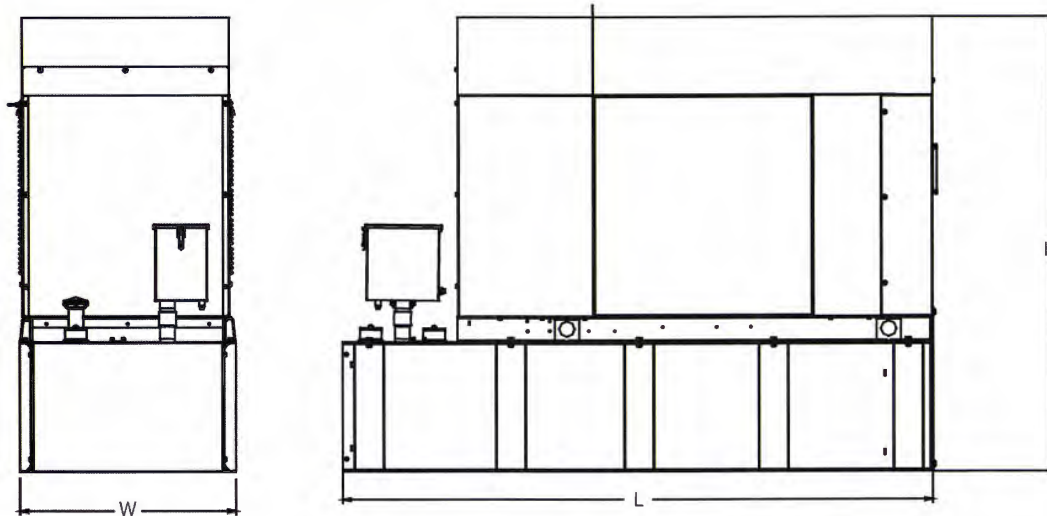
EPA Certified Stationary Emergency

GENERAC | **INDUSTRIAL POWER**

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DIMENSIONS AND WEIGHTS*

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Weights and Dimensions

Unit Weight - lbs	Unit Weight with Skid - lbs	Dimensions (L x W x H) - in
2,946	2,984	103.4 x 35.0 x 91.7

25kW Fuel Consumption

Fuel Tank Gross Total Capacity	240
Fuel Tank Gross Usable Capacity	229
Fuel Tank Net Usable Capacity (Run Hours Based on Net Usable Capacity)	206
Run Hours 100% Load	98
Run Hours 75% Load	125
Run Hours 50% Load	161

Sound Emission Data

Rated Load Sound Output at 23ft - dB(A)	65
---	----

* All measurements are approximate and for estimation purposes only.
Drawing is for illustration purposes only, not to scale.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

SPEC SHEET

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

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verticalbridge™
US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667
100'-0" MONOPINE
TENANT SITE ID: SC60515A

APPROVAL BLOCK		APPROVED	APPROVED AS NOTED	DISAPPROVED REVISE
VERTICAL BRIDGE	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERMITTING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEERING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. 2019 CALIFORNIA BUILDING CODE
2. 2019 CALIFORNIA TITLE 24
3. 2019 CALIFORNIA FIRE CODE
3. 2019 CALIFORNIA ELECTRIC CODE
4. 2019 CALIFORNIA ENERGY CODE
5. 2019 CALIFORNIA MECHANICAL CODE
6. TIA/EIA-222-H OR LATEST EDITION
5. ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
6. CITY/COUNTY ORDINANCES

DRAWING INDEX	
DRWG. #	TITLE
T-1	TITLE SHEET
LS-1	TITLE SHEET
LS-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED COMPOUND PLAN
A-3	EQUIPMENT AND ANTENNA PLAN
A-4	ELEVATIONS



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

PROJECT INFORMATION	
SITE NAME:	DIAMOND SPRINGS
SITE NUMBER:	US-CA-7310
TENANT SITE ID:	SC60515A
SITE ADDRESS:	1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
PARCEL #:	098-100-083-000
DEED REFERENCE:	N/A
ZONING CLASSIFICATION:	RESIDENTIAL ESTATE - 5 ACRES
ZONING JURISDICTION:	EL DORADO COUNTY
CONSTRUCTION TYPE:	V-B
OCCUPANCY:	U (UNMANNED TELECOM FACILITY)
NO. OF STORIES:	1 (ENCLOSURE ONLY)
SPRINKLER:	NONE
STRUCTURE TYPE:	MONOPINE
STRUCTURE HEIGHT:	100'-0"
CONSTRUCTION AREA:	1,600 SQ. FT.
GROUND ELEVATION:	2,076.97' (NAVD88)
LATITUDE (NAD 83):	38.682894° (38° 40' 57.70" N)
LONGITUDE (NAD 83):	-120.776414° (120° 46' 35.09" W)

EMERGENCY:
CALL 911



PROJECT DIRECTORY	
PROPERTY OWNER:	DALLAS OLSON 1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
APPLICANT:	VERTICAL BRIDGE 750 PARK OF COMMERCE DRIVE, SUITE 200 BOCA RATON, FL 33487
CONTACT:	ASSURANCE DEVELOPMENT 1499 HUNTINGTON DR. #305 SOUTH PASADENA, CA 91030 CONTACT: BILL LEWIS PHONE: 626.765.5079
POWER COMPANY:	PG&E
TELCO COMPANY:	AT&T

CLIENT


verticalbridge

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION


ASSURANCE
DEVELOPMENT

1498 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
US-CA-7310
SC60515A
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:

TITLE SHEET

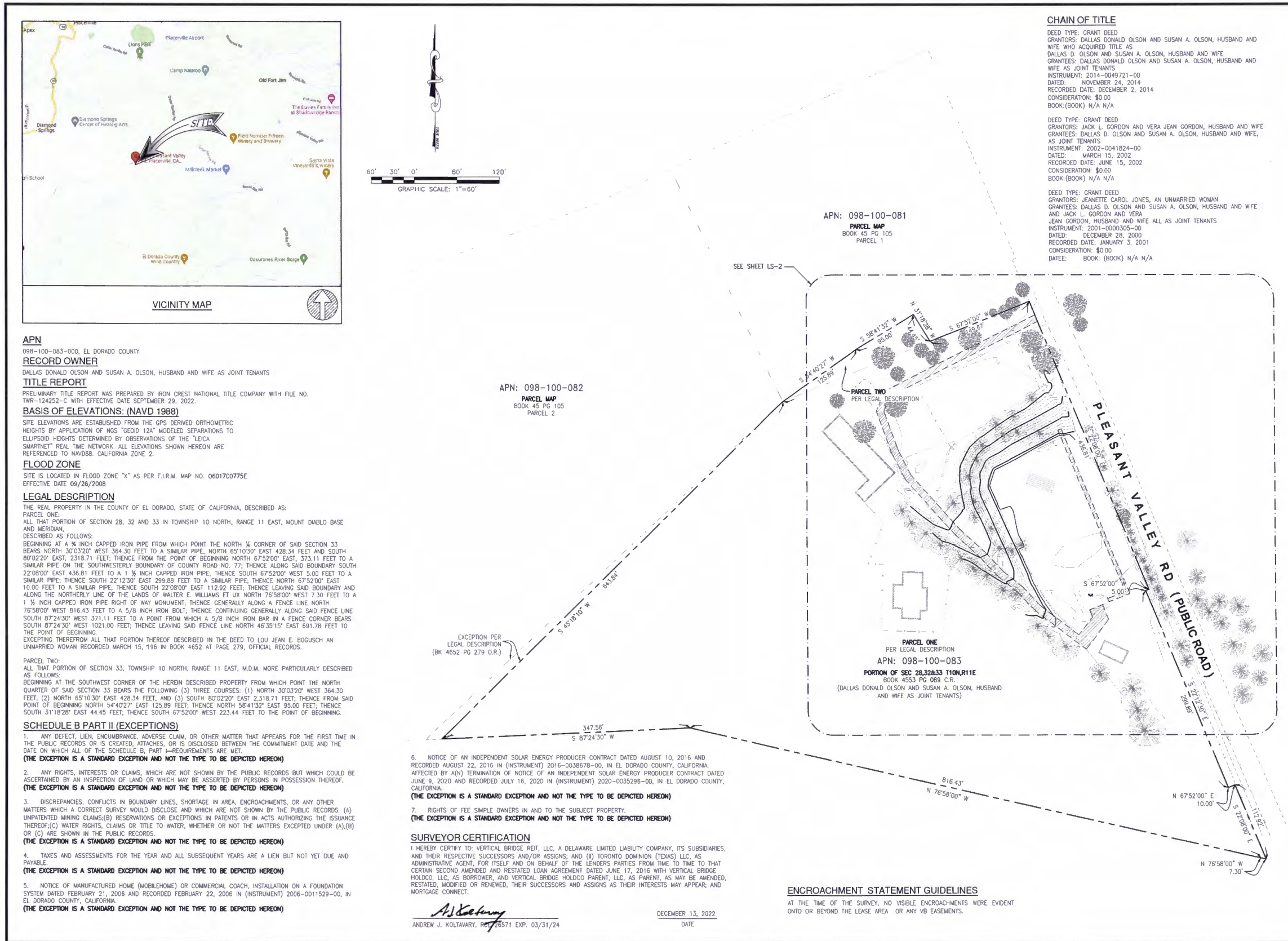
DRAWING SCALE: <u>AS NOTED</u> DATE: XXXX	ZD
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THIS DOCUMENT IS A VIOLATION OF
APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:

T-1

CUP23-0004



CHAIN OF TITLE

DEED TYPE: GRANT DEED
GRANTORS: DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE WHO ACQUIRED TITLE AS
DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE
GRANTEES: DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AS JOINT TENANTS
INSTRUMENT: 2014-0049721-00
DATED: NOVEMBER 24, 2014
RECORDED DATE: DECEMBER 2, 2014
CONSIDERATION: \$0.00
BOOK:(BOOK) N/A N/A

DEED TYPE: GRANT DEED
GRANTORS: JACK L. GORDON AND VERA JEAN GORDON, HUSBAND AND WIFE
GRANTEES: DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE, AS JOINT TENANTS
INSTRUMENT: 2002-0041824-00
DATED: MARCH 15, 2002
RECORDED DATE: JUNE 15, 2002
CONSIDERATION: \$0.00
BOOK:(BOOK) N/A N/A

DEED TYPE: GRANT DEED
GRANTORS: JEANETTE CAROL JONES, AN UNMARRIED WOMAN
GRANTEES: DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AND JACK L. GORDON AND VERA JEAN GORDON, HUSBAND AND WIFE ALL AS JOINT TENANTS
INSTRUMENT: 2001-0000305-00
DATED: DECEMBER 28, 2000
RECORDED DATE: JANUARY 3, 2001
CONSIDERATION: \$0.00
DATE: BOOK:(BOOK) N/A N/A

APN
098-100-083-000, EL DORADO COUNTY

RECORD OWNER
DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AS JOINT TENANTS

TITLE REPORT
PRELIMINARY TITLE REPORT WAS PREPARED BY IRON CREST NATIONAL TITLE COMPANY WITH FILE NO. TWR-124252-C WITH EFFECTIVE DATE SEPTEMBER 29, 2022.

BASIS OF ELEVATIONS: (NAVD 1988)
SITE ELEVATIONS ARE ESTABLISHED FROM THE GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12A" MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "LEICA SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88, CALIFORNIA ZONE 2.

FLOOD ZONE
SITE IS LOCATED IN FLOOD ZONE "X" AS PER F.I.R.M. MAP NO. 06017C0775E
EFFECTIVE DATE: 09/26/2008

LEGAL DESCRIPTION
THE REAL PROPERTY IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, DESCRIBED AS:
PARCEL ONE:
ALL THAT PORTION OF SECTION 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN,
DESCRIBED AS FOLLOWS:
BEGINNING AT A 1/4 INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH 1/4 CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET, THENCE FROM THE POINT OF BEGINNING NORTH 67°52'00" EAST, 373.11 FEET TO A SIMILAR PIPE ON THE SOUTHWESTERLY BOUNDARY OF COUNTY ROAD NO. 77; THENCE ALONG SAID BOUNDARY SOUTH 22°08'00" EAST 436.81 FEET TO A 1 1/2 INCH CAPPED IRON PIPE, THENCE SOUTH 67°52'00" WEST 5.00 FEET TO A SIMILAR PIPE, THENCE SOUTH 22°12'30" EAST 299.89 FEET TO A SIMILAR PIPE, THENCE NORTH 67°52'00" EAST 10.00 FEET TO A SIMILAR PIPE, THENCE SOUTH 22°08'00" EAST 112.92 FEET, THENCE LEAVING SAID BOUNDARY AND ALONG THE NORTHERLY LINE OF THE LANDS OF WALTER E. WILLIAMS ET UX NORTH 76°58'00" WEST 7.30 FEET TO A 1 1/2 INCH CAPPED IRON PIPE RIGHT OF WAY MONUMENT, THENCE GENERALLY ALONG A FENCE LINE NORTH 76°58'00" WEST 816.43 FEET TO A 5/8 INCH IRON BOLT, THENCE CONTINUING GENERALLY ALONG SAID FENCE LINE SOUTH 87°24'30" WEST 371.11 FEET TO A POINT FROM WHICH A 5/8 INCH IRON BAR IN A FENCE CORNER BEARS SOUTH 87°24'30" WEST 1021.00 FEET, THENCE LEAVING SAID FENCE LINE NORTH 46°35'15" EAST 691.78 FEET TO THE POINT OF BEGINNING.
EXCEPTING THEREFROM ALL THAT PORTION THEREOF DESCRIBED IN THE DEED TO LOU JEAN E. BOGUSCH AN UNMARRIED WOMAN RECORDED MARCH 15, 1996 IN BOOK 4652 AT PAGE 279, OFFICIAL RECORDS.

PARCEL TWO:
ALL THAT PORTION OF SECTION 33, TOWNSHIP 10 NORTH, RANGE 11 EAST, M.D.M. MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHWEST CORNER OF THE HEREIN DESCRIBED PROPERTY FROM WHICH POINT THE NORTH QUARTER OF SAID SECTION 33 BEARS THE FOLLOWING (3) THREE COURSES: (1) NORTH 30°03'20" WEST 364.30 FEET, (2) NORTH 65°10'30" EAST 428.34 FEET, AND (3) SOUTH 80°02'20" EAST 2,318.71 FEET; THENCE FROM SAID POINT OF BEGINNING NORTH 54°40'27" EAST 125.89 FEET; THENCE NORTH 58°41'32" EAST 95.00 FEET; THENCE SOUTH 31°18'28" EAST 44.45 FEET; THENCE SOUTH 67°52'00" WEST 223.44 FEET TO THE POINT OF BEGINNING.

SCHEDULE B PART II (EXCEPTIONS)
1. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHED, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART II REQUIREMENTS ARE MET.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

2. ANY RIGHTS, INTERESTS OR CLAIMS, WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF LAND OR WHICH MAY BE ASSERTED BY PERSONS IN POSSESSION THEREOF.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

3. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER MATTERS WHICH A CORRECT SURVEY WOULD DISCLOSE AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS, (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A); (B) OR (C) ARE SHOWN IN THE PUBLIC RECORDS.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

4. TAXES AND ASSESSMENTS FOR THE YEAR AND ALL SUBSEQUENT YEARS ARE A LIEN BUT NOT YET DUE AND PAYABLE.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

5. NOTICE OF MANUFACTURED HOME (MOBILEHOME) OR COMMERCIAL COACH, INSTALLATION ON A FOUNDATION SYSTEM DATED FEBRUARY 21, 2006 AND RECORDED FEBRUARY 22, 2006 IN (INSTRUMENT) 2006-0011529-00, IN EL DORADO COUNTY, CALIFORNIA.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

6. NOTICE OF AN INDEPENDENT SOLAR ENERGY PRODUCER CONTRACT DATED AUGUST 10, 2016 AND RECORDED AUGUST 22, 2016 IN (INSTRUMENT) 2016-0038678-00, IN EL DORADO COUNTY, CALIFORNIA. AFFECTED BY A(N) TERMINATION OF NOTICE OF AN INDEPENDENT SOLAR ENERGY PRODUCER CONTRACT DATED JUNE 9, 2020 AND RECORDED JULY 16, 2020 IN (INSTRUMENT) 2020-0035296-00, IN EL DORADO COUNTY, CALIFORNIA.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

7. RIGHTS OF FEE SIMPLE OWNERS IN AND TO THE SUBJECT PROPERTY.
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

SURVEYOR CERTIFICATION
I HEREBY CERTIFY TO: VERTICAL BRIDGE REIT, LLC, A DELAWARE LIMITED LIABILITY COMPANY, ITS SUBSIDIARIES, AND THEIR RESPECTIVE SUCCESSORS AND/OR ASSIGNS; AND (II) TORONTO DOMINION (TEXAS) LLC, AS ADMINISTRATIVE AGENT, FOR ITSELF AND ON BEHALF OF THE LENDERS PARTIES FROM TIME TO TIME TO THAT CERTAIN SECOND AMENDED AND RESTATED LOAN AGREEMENT DATED JUNE 17, 2016 WITH VERTICAL BRIDGE HOLDCO, LLC, AS BORROWER, AND VERTICAL BRIDGE HOLDCO PARENT, LLC, AS PARENT, AS MAY BE AMENDED, RESTATED, MODIFIED OR RENEWED, THEIR SUCCESSORS AND ASSIGNS AS THEIR INTERESTS MAY APPEAR; AND MORTGAGE CONVEY.

Andrew J. Koltavary
ANDREW J. KOLTAVARY, REG. 26571 EXP. 03/31/24
DECEMBER 13, 2022
DATE

ENCROACHMENT STATEMENT GUIDELINES
AT THE TIME OF THE SURVEY, NO VISIBLE ENCROACHMENTS WERE EVIDENT ONTO OR BEYOND THE LEASE AREA OR ANY VB EASEMENTS.

SURVEY PREPARED FOR:

verticalbridge
VB BTS II, LLC
750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD
ASSURANCE
DEVELOPMENT
1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.216.2024

ENGINEER

AJK
ENGINEERING
AND SURVEY
23072 LAKE CENTER DR., SUITE 211
LAKE FOREST, CA 92530
714.624.9027

NO.	SUBMITTAL / REVISION	BY	DATE
2	LEASE/ACCESS EASEMENT	LJ	12/13/22
1	FINAL SURVEY	LJ	11/28/22
0	PRELIMINARY SURVEY	AB	11/18/22

DRAWN: AB
DESIGNED: AJK
CHECKED: AJK

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515
DIAMOND SPRINGS**
1550 PLEASANT VALLEY RD
PLACERVILLE, CA 95667

ENGINEER STAMP:
Andrew J. Koltavary
REGISTERED PROFESSIONAL ENGINEER
NO. 26571
EXP. 03/31/24
CIVIL
STATE OF CALIFORNIA

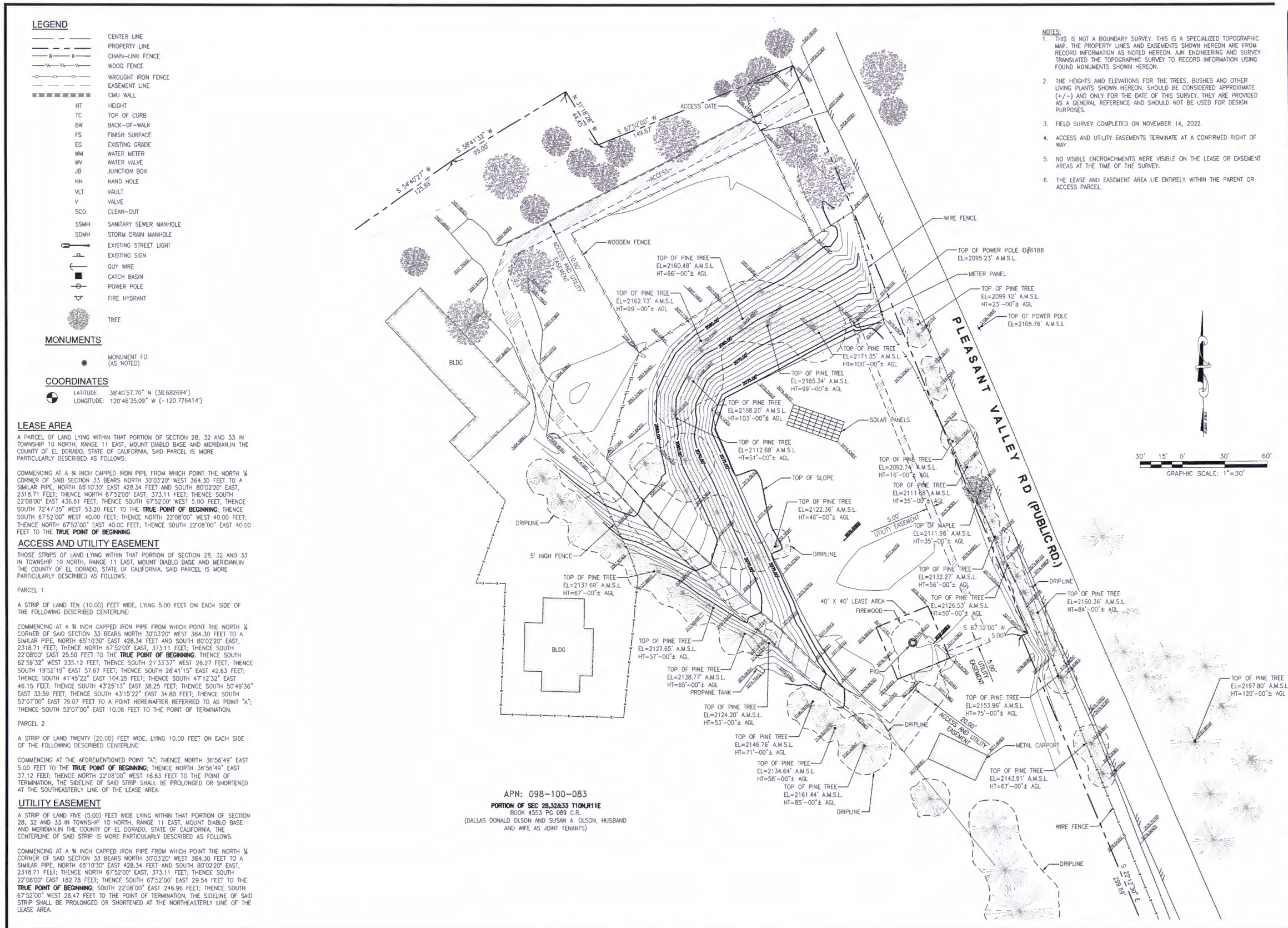
DRAWING TITLE:
TITLE SHEET

DRAWING SCALE:
AS NOTED

DATE:
12/13/2022

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:
LS-1



- NOTES:**
1. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP. THE PROPERTY LINES AND EASEMENTS SHOWN HEREON ARE FROM RECORD INFORMATION AS NOTED HEREON. A/JK ENGINEERING AND SURVEY TRANSLATED THE TOPOGRAPHIC SURVEY TO RECORD INFORMATION USING FOUND MONUMENTS SHOWN HEREON.
 2. THE HEIGHTS AND ELEVATIONS FOR THE TREES, BUSHES AND OTHER LIVING PLANTS SHOWN HEREON, SHOULD BE CONSIDERED APPROXIMATE (+/-) AND ONLY FOR THE DATE OF THIS SURVEY. THEY ARE PROVIDED AS A GENERAL REFERENCE AND SHOULD NOT BE USED FOR DESIGN PURPOSES.
 3. FIELD SURVEY COMPLETED ON NOVEMBER 14, 2022.
 4. ACCESS AND UTILITY EASEMENTS TERMINATE AT A CONFIRMED RIGHT OF WAY.
 5. NO VISIBLE ENCROACHMENTS WERE VISIBLE ON THE LEASE OR EASEMENT AREAS AT THE TIME OF THE SURVEY.
 6. THE LEASE AND EASEMENT AREA LIE ENTIRELY WITHIN THE PARENT OR ACCESS PARCEL.

SURVEY PREPARED FOR:

verticalbridge

VB BTS II, LLC

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD

**ASSURANCE
DEVELOPMENT**

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.216.2024

ENGINEER

AJK

ENGINEERING
AND SURVEY

23072 LAKE CENTER DR., SUITE 211
LAKE FOREST, CA 92530
714.624.9027

NO.	SUBMITTAL / REVISION	BY	DATE
2	LEASE/ACCESS EASEMENT	LJ	12/13/22
1	FINAL SURVEY	LJ	11/28/22
0	PRELIMINARY SURVEY	AB	11/18/22

DRAWN: AB
DESIGNED:
CHECKED: A/JK

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:

**US-CA-7310
SC60515
DIAMOND SPRINGS**

1550 PLEASANT VALLEY RD
PLACERVILLE, CA 95667

ENGINEER STAMP:

REGISTERED PROFESSIONAL ENGINEER
ANDREW J. KOLTA
EXP. 03/31/25
CIVIL
STATE OF CALIFORNIA

DRAWING TITLE:

TOPOGRAPHIC SURVEY

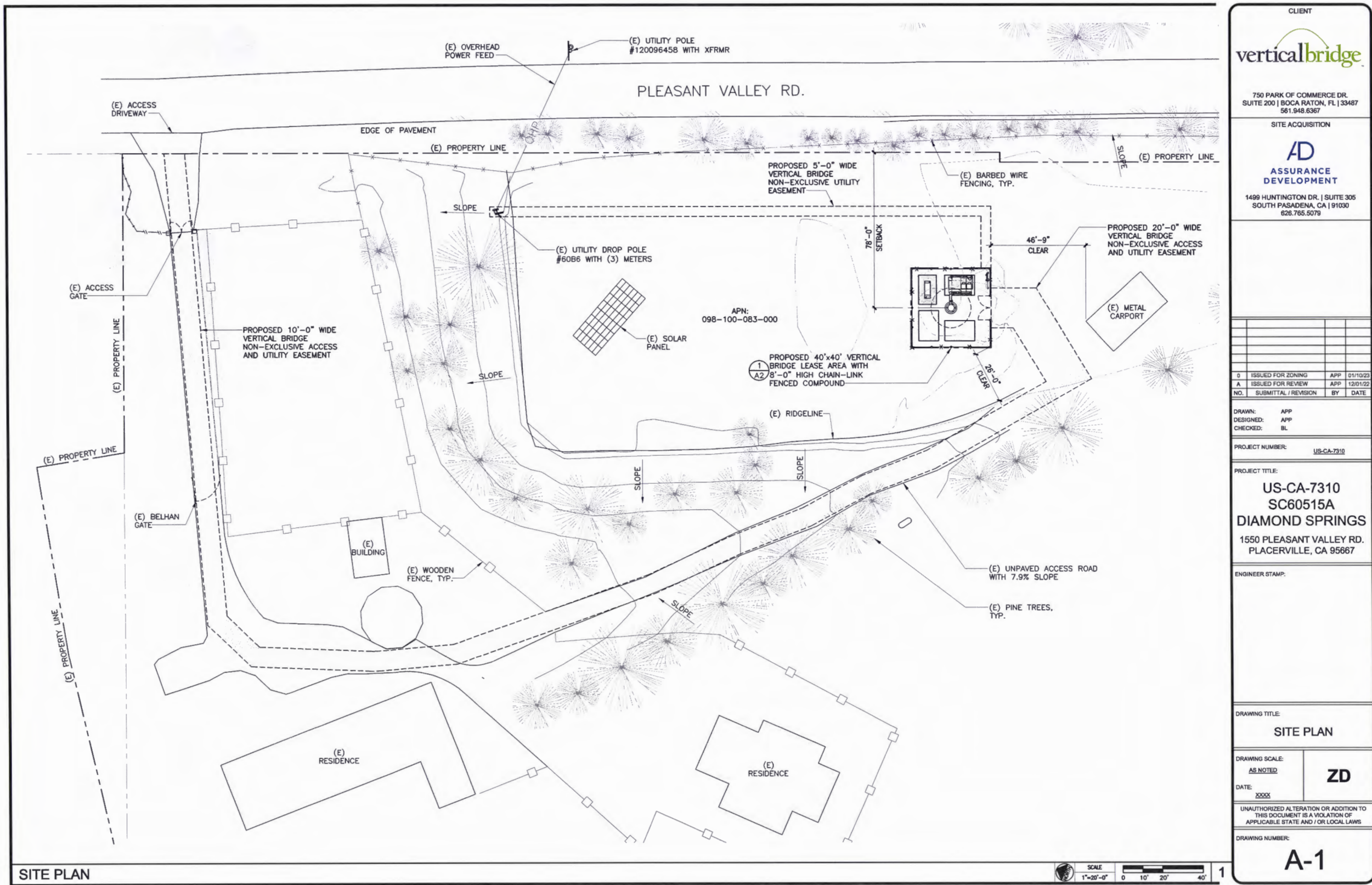
DRAWING SCALE:
AS NOTED

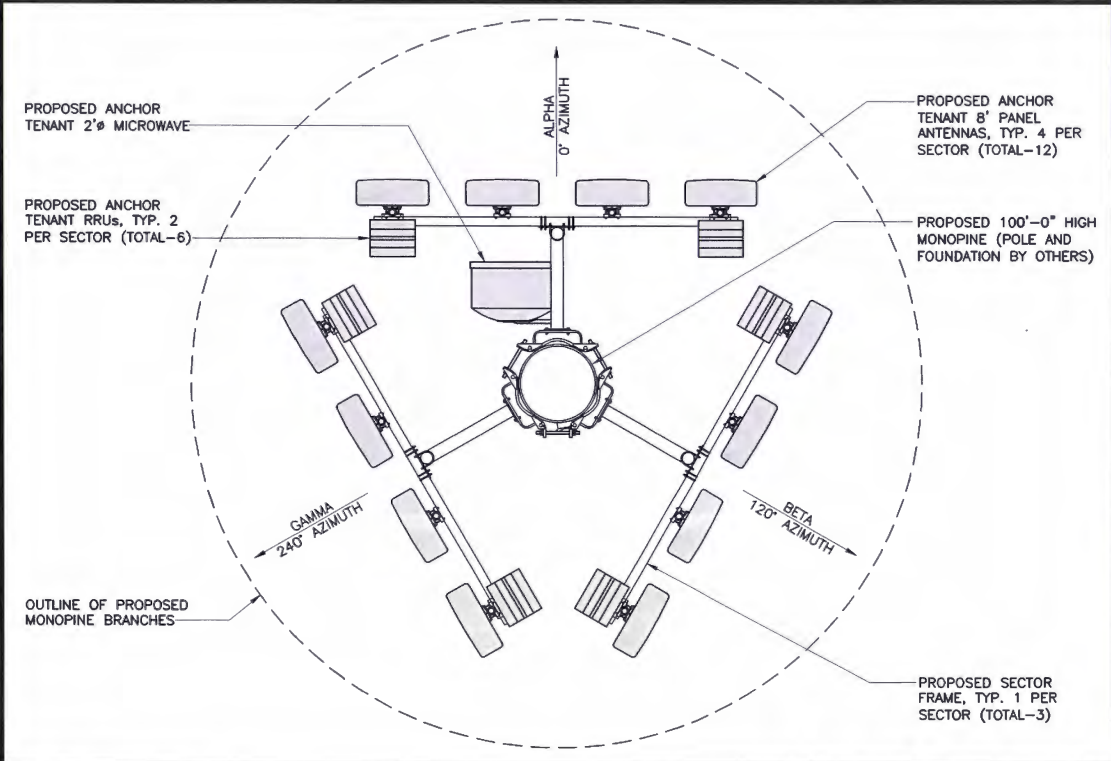
DATE:
12/13/2022

UNAUTHORIZED ALTERATION OR ADDITION TO
THIS DOCUMENT IS A VIOLATION OF
APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:

LS-2

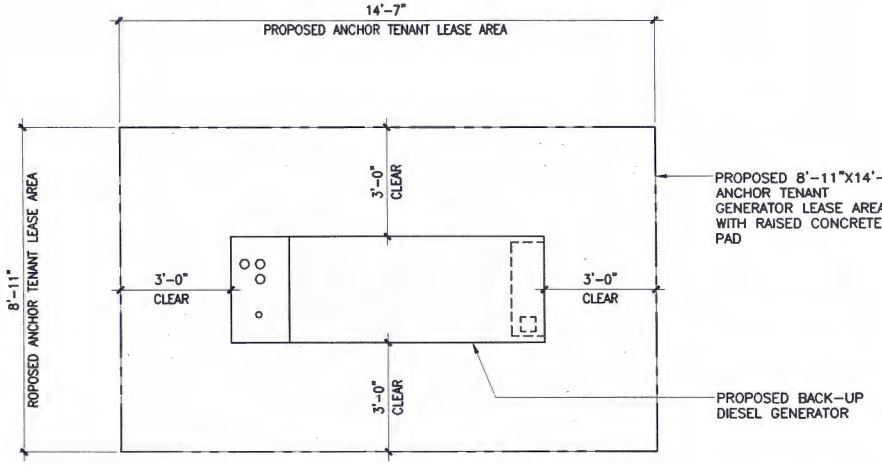
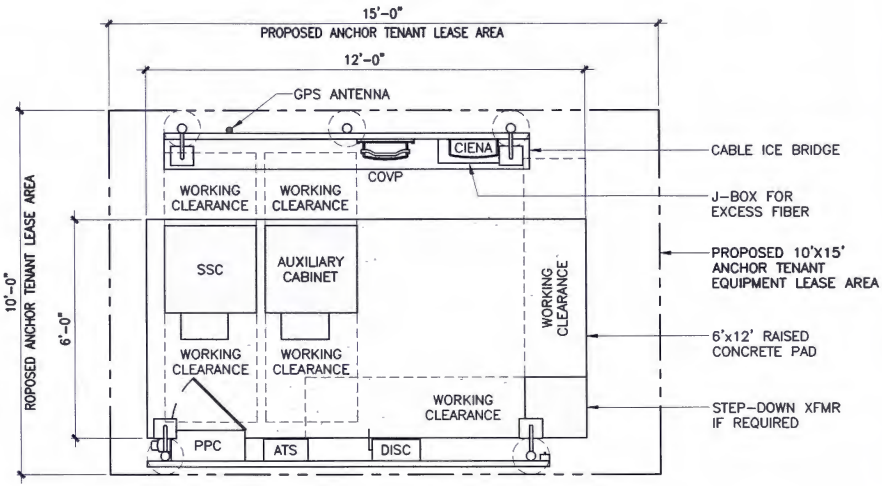




ANTENNA PLAN

SCALE 1/2"=1'-0" 0 1' 2' 4' 2

NOT USED



EQUIPMENT PLAN

SCALE 1/2"=1'-0" 0 1' 2' 4' 1

CLIENT

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

ASSURANCE
DEVELOPMENT

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515A
DIAMOND SPRINGS**
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

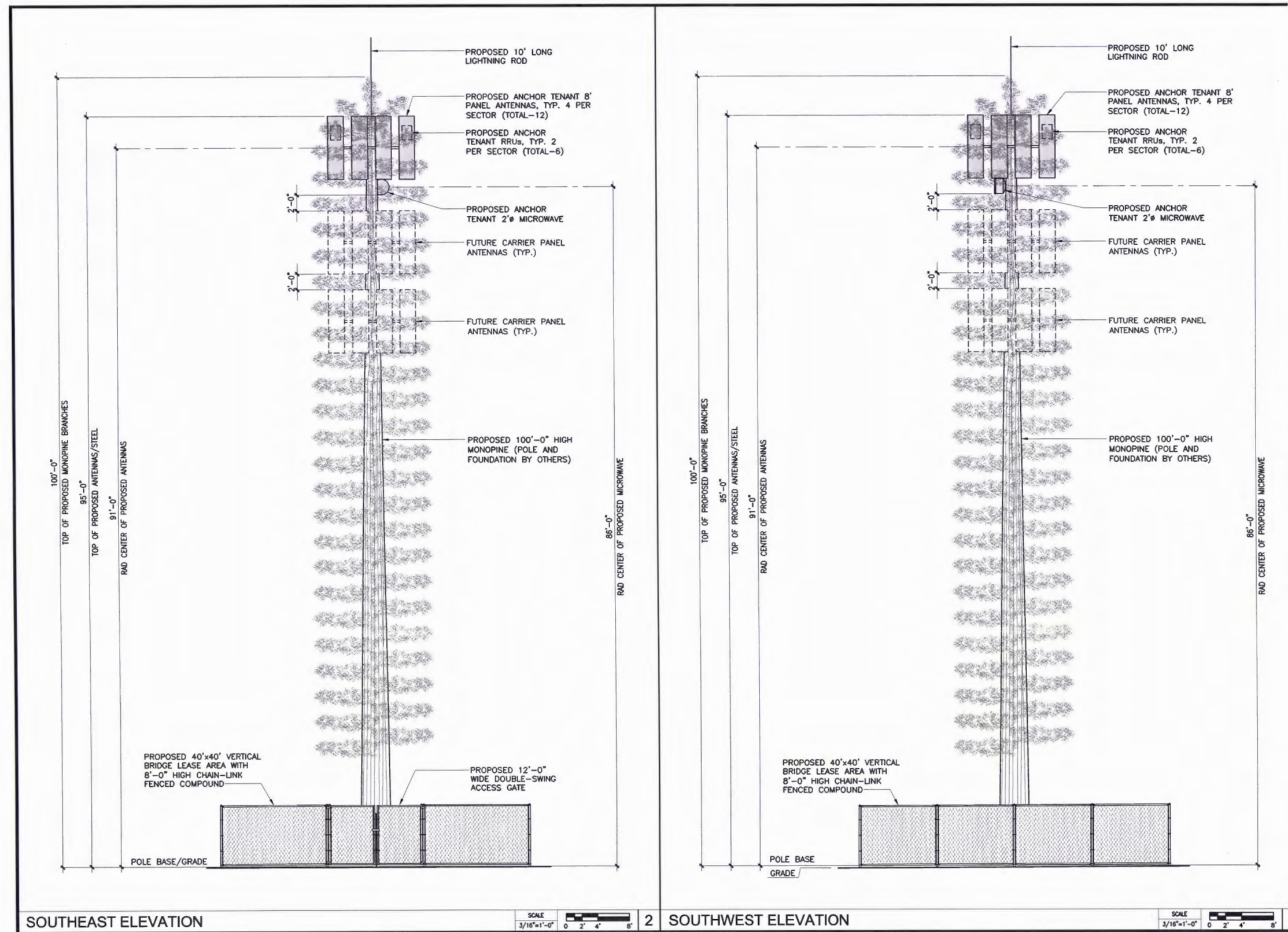
DRAWING TITLE:
**EQUIPMENT AND
ANTENNA PLAN**

DRAWING SCALE:
AS NOTED

DATE: XXXX

UNAUTHORIZED ALTERATION OR ADDITION TO
THIS DOCUMENT IS A VIOLATION OF
APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:
A-3



			
CLIENT 750 PARK OF COMMERCE DR. SUITE 200 BOCA RATON, FL 33487 561.948.6367			
SITE ACQUISITION  ASSURANCE DEVELOPMENT 1499 HUNTINGTON DR. SUITE 305 SOUTH PASADENA, CA 91030 626.765.5079			
O	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE
DRAWN:	APP		
DESIGNED:	APP		
CHECKED:	BL		
PROJECT NUMBER:		<u>US-CA-7310</u>	
PROJECT TITLE: <div style="text-align: center; font-weight: bold; margin-top: 10px;"> US-CA-7310 SC60515A DIAMOND SPRINGS 1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667 </div>			
ENGINEER STAMP: 			
DRAWING TITLE: <div style="text-align: center; font-weight: bold; margin-top: 10px;">ELEVATIONS</div>			
DRAWING SCALE: <u>AS NOTED</u>		ZD	
DATE: <u>XXXX</u>			
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF APPLICABLE STATE AND / OR LOCAL LAWS</small>			
DRAWING NUMBER:		A-4	



DEPARTMENT OF TRANSPORTATION TRANSPORTATION PLANNING

2850 Fairlane Court, Placerville, CA 95667
Phone (530) 621-6543, Fax (530) 698-8019

Transportation Impact Study (TIS) – Initial Determination

The information provided with this form will be used by County staff to determine if the proposed project will be required to complete a Transportation Impact Study (TIS) or an On-Site Transportation Review (OSTR). If one or both are required, County staff will contact the applicant with more information about the required studies. Both studies are described in the TIS Guidelines, which can be found on the County's website. **An OSTR is typically required for all projects.**

Complete and submit this form along with a detailed project description and a site plan by mail, fax or email.

Mail: DOT, Transportation Planning
Attn: Zach Oates
2850 Fairlane Court
Placerville, CA 95667

Fax: (530) 698-8019
Phone: (530) 621-7580
Email: zach.oates@edcgov.us
valerie.brady@edcgov.us

Date Received by Transportation Planning: 5/23/2023

Applicant Information:

Name: Assurance Development obo Vertical Bridge Phone #: 323.376.2921
Address: 1499 Huntington Dr., #305, So. Pasadena CA 91030 Email: kbenalcazar@assurance-group.com

Project Information:

Name of Project: CA-7310 Vertical Bridge Planning Number: CUP23-0004
Project Location: 1550 Pleasant Valley Road, Placerville Bldg Size: 1,600 sf lease area
APN(s): 098-100-083 Project Planner: Timothy Pitt
Number of units: N/A

Description of Project: (Use, Number of Units, Building Size, etc.)

Installation of an unmanned wireless communications facility consisting of a 100' tall tower located within a 40' x 40' lease area/ground equipment enclosure. There will be no impact to traffic as this is an unmanned facility.

PLEASE ATTACH A PROJECT SITE PLAN

If an OSTR is required, the following information shall be evaluated and the findings signed and stamped by a registered Traffic Engineer or Civil Engineer, and shall be included with the project submittal:

1. Existence of any current traffic problems in the local area such as a high-accident location, non-standard intersection or roadway, or an intersection in need of a traffic signal
2. Proximity of proposed site driveway(s) to other driveways or intersections
3. Adequacy of vehicle parking relative to both the anticipated demand and zoning code requirements
4. Adequacy of the project site design to fully satisfy truck circulation and loading demand on-site, when the anticipated number of deliveries and service calls may exceed 10 per day
5. Adequacy of the project site design to provide at least a 25 foot minimum required throat depth (MRTD) at project driveways, include calculation of the MRTD
6. Adequacy of the project site design to convey all vehicle types
7. Adequacy of sight distance on-site
8. Queuing analysis of "drive-through" facilities

Rev 04/12/2023



DEPARTMENT OF TRANSPORTATION TRANSPORTATION PLANNING

2850 Fairlane Court, Placerville, CA 95667
Phone (530) 621-6543, Fax (530) 698-8019

Transportation Impact Study (TIS) – Initial Determination (Page 2)

TO BE COMPLETED BY COUNTY STAFF:

The following project uses are typically exempt from the preparation of a TIS:

- | | |
|---|--|
| <input type="checkbox"/> 4 or less single family homes | <input type="checkbox"/> 12,000 square feet or less for industrial |
| <input type="checkbox"/> 4 or less multi-family units | <input type="checkbox"/> 12,000 square feet or less for church |
| <input type="checkbox"/> 2,000 square feet or less for shopping center | <input type="checkbox"/> 50,000 square feet or less for warehouse |
| <input type="checkbox"/> 6,000 square feet or less for general office | <input type="checkbox"/> 60,000 square feet or less for mini-storage |
| <input checked="" type="checkbox"/> None apply – TIS is required with applicable fee. | |

County Staff Determination:

The TIS or OSTR may be waived if no additional vehicle trips will be generated by the proposed change, no up-zoning is requested, or no intensification of use is requested. Transportation Planning staff may waive the TIS requirement. The Transportation Director or his/her designee may waive the OSTR requirement.

- ☒ TIS and OSTR are both waived. No further transportation studies are required.
- ☐ On-Site Transportation Review is required. A TIS is not required. The OSTR shall address all items listed, unless otherwise noted.
- ☐ The TIS and OSTR are required. An initial deposit for TIS scoping and review is required by DOT Transportation Planning staff. See Attached TIS Initial Fund Request letter.



DOT Transportation Planning Signature

5-24-23

Date

ADH TS

OSTR waiver approved by:



Department of Transportation Director or Designee

5-24-23

Date



County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville CA 95667
Phone: 530.621.7501 Email: AQMD@edcgov.us
www.edcgov.us/airqualitymanagement

Dave Johnston
Air Pollution Control Office

March 10, 2023

Timothy Pitt, County Planner
El Dorado County Planning Services
2850 Fairlane Court
Placerville, CA 95667

RE: CUP23-0004 Pleasant Valley Monopine and Emergency Backup Generator Engine, APN 098-100-083 – AQMD Comments

Dear Mr. Pitt:

The El Dorado County Air Quality Management District (AQMD) has reviewed the subject application for the addition of a Monopine and Emergency Backup Generator Engine at 1550 Pleasant Valley Rd., Placerville. The property is identified by APN 098-100-083.

The project is below the size of projects identified in Table 5.2 as "Projects with Potentially Significant ROG and NOx Operation Emissions" (EDC AQMD Guide to Air Quality Assessment). Therefore, the AQMD has determined this project is not expected to cause a significant air quality impact and **an Air Quality Impact Analysis is not required.**

The following standard conditions would apply to grubbing, burning, grading or construction:

1. Fugitive Dust: Mitigation measures for dust control shall comply with the requirements of AQMD Rule 223, Fugitive Dust – General Requirements and Rule 223.1 – Construction, Bulk Material Handling, Blasting, Other Earthmoving Activities and Trackout Prevention.
2. Paving: Road construction shall adhere to AQMD Rule 224, Cutback and Emulsified Asphalt Paving Materials.
3. Painting/Coating: The application of architectural coatings shall adhere to AQMD Rule 215, Architectural Coatings.
4. Open Burning: Burning of wastes that result from "Land Development Clearing" must be permitted through the AQMD. Only dry vegetation originating from the property may be disposed of using an open outdoor fire and burning shall adhere to AQMD Rule 300, Open Burning.
5. Construction Emissions: During construction, all self-propelled diesel-fueled engines greater than 25 horsepower shall be in compliance with the California Air Resources Board (CARB) Regulation for In-Use Off-Road Diesel Fueled Fleets (§ 2449 et al, title 13, article 4.8, chapter 9,

Timothy Pitt, County Planning Services
CUP23-0004 Pleasant Valley Monopine
March 10, 2023
Page 2

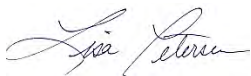
California Code of Regulations (CCR)). The full text of the regulation can be found at CARB's website here: <https://ww2.arb.ca.gov/our-work/topics/construction-earthmoving-equipment>. Questions on applicability should be directed to CARB at 1.866.634.3735. CARB is responsible for enforcement of this regulation.

6. Portable Equipment: All portable combustion engine equipment with a rating of 50 horsepower or greater shall be registered with the California Air Resources Board (CARB). A copy of the current portable equipment registration shall be with said equipment. The applicant shall provide a complete list of heavy-duty diesel-fueled equipment to be used on this project, which includes the make, model, year of equipment, daily hours of operations of each piece of equipment.
7. New Point or Stationary Source: Prior to construction/installation of any new point/stationary source emissions units (e.g., emergency standby engine greater than 50 HP), Authority to Construct applications shall be submitted to the AQMD. Submittal of applications shall include facility diagram(s), equipment specifications and emissions estimates, and shall adhere to AQMD Rules 501, General Permit Requirements and 523, New Source Review.

AQMD Rules and Regulations are available at the following internet address:
<https://ww2.arb.ca.gov/current-air-district-rules>.

The AQMD thanks you for the opportunity to comment on this proposed project. If you have any questions regarding this letter, please contact our office at 530.621.7501.

Respectfully,



Lisa Petersen
Air Quality Engineer
Air Quality Management District



May 11, 2023

Mr. Qabiyl Johnson
VB BTS II, LLC
750 Park of Commerce Drive, Suite 200
Boca Raton, Florida 33487

**RE: FCC NEPA Summary Report for:
Diamond Springs Site (US-CA-7310)
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667**

Dear Mr. Johnson,

Lotis Environmental, LLC (Lotis), has completed a Federal Communications Commission (FCC) NEPA investigation relative to the referenced proposed undertaking and issues the following Summary Report. Based on the information presented in this report, no further action is required under 47 CFR Subpart 1, Chapter 1, Sections 1.1301-1.1319 of the National Environmental Policy Act.

The accuracy of the species list, provided by the Information, Planning, and Conservation (IPaC) website, should be verified every 90 days. This verification can be completed formally or informally as desired. The United States Fish and Wildlife Services (USFWS) recommends that verification be completed by visiting the 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 IPaC system by completing the same process used to receive the initial list. If the list is determined to have been modified to include additional species of concern, an evaluation of those species should be conducted and consultation with the USFWS may have to be re-initiated, depending on the determination of effect or previous response(s) from the USFWS.

The applicant/tower builder must immediately notify all interested consulting parties if archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

Should you have any questions or comments, please do not hesitate to contact our office at (716) 276.8707.

Sincerely,

Lotis Environmental, LLC

A handwritten signature in blue ink, appearing to read "D. N. Robinson", is written over a horizontal line.

David N. Robinson, P.E.
President/CEO
Robinson@TheLotisGroup.com
Attachments



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221

NEPA SUMMARY REPORT



Prepared for:

VB BTS II, LLC

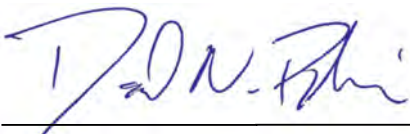
750 Park of Commerce Drive, Suite 200
Boca Raton, Florida 33487

Prepared by:

Lotis Environmental, LLC

Williamsville, New York

May 11, 2023



Reviewed By: David N. Robinson, P.E.
President/CEO



Prepared By: Miles Walz-Salvador
Nationwide NEPA Manager

VB BTS II, LLC

NEPA Summary Report

FCC NEPA CHECKLIST

Applicant Name: VB BTS II, LLC (VB BTS II)

Site Number: US-CA-7310

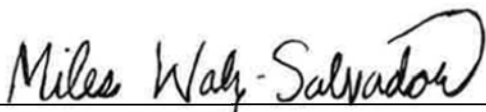
Site Name: Diamond Springs

Potential Effect

LAND USE SCREENING

Yes No

1.	Facility will be located in an officially designated wilderness area.		X
2.	Facility will be located in an officially designated wildlife preserve.		X
3.	Facility may affect listed threatened or endangered species or designated critical habitats; or is likely to jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats.		X
4.	Facility may affect districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places.		X
5.	Facility may affect Native American religious site(s).		X
6.	Facility will be located in a floodplain if the facility will not be placed at least one foot above the base flood elevation of the floodplain. <small>*EA not required under FCC Wireless Telecommunications Docket No. 17-79 effective July 2, 2018, as long as the applicant can show that the facility/associated equipment will be installed 1 foot above the determined BFE.</small>		X
7.	Facility construction will involve significant change in surface features (e.g., wetland fill, deforestation, significant tree removal, or water diversion).		X
8.	Facility (antenna tower and/or supporting structures) will be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.		X
9.	Facility would cause human exposure to levels of radiofrequency radiation in excess of Commission-adopted guidelines		X
10.	Facility will be over 450 feet above ground level (AGL)		X



Prepared By: Miles Walz-Salvador
Nationwide NEPA Manager

DOCUMENTATION FOR FCC NEPA CHECKLIST RESPONSES 1-9:

1. Is the proposed undertaking located in an officially designated wilderness area?

Based on maps published by the Bureau of Land Management (BLM), United States Fish and Wildlife Service (USFWS), United States Forest Service (USFS), and National Park Service (NPS), as compiled in the on-line **nationalatlas.gov** and **wilderness.net** websites, no designated wilderness areas are located at or near the proposed undertaking. A copy of the Wilderness Map is included in Appendix A.

2. Is the proposed undertaking located in an officially designated wildlife preserve?

Based on maps published by the USFWS, no wildlife refuges or wildlife preserves are located at or near the proposed undertaking. A copy of the USFWS Wildlife Refuge Map is included in Appendix A.

3. Will the proposed undertaking likely affect threatened or endangered species or designated critical habitats; or is likely to jeopardize the continued existence of any proposed endangered or threatened species; or is likely to result in the destruction or adverse modification of proposed critical habitats (as determined by the Endangered Species Act of 1973)?

A Lotis staff biologist conducted an informal biological assessment (IBA) at the site of the proposed undertaking. Based on information reviewed, site reconnaissance, and the proposed scope of work, Lotis has determined that the proposed undertaking will have "*No Effect*" on designated critical habitats or listed federal species of concern. A copy of the USFWS Critical Habitat Map is included in Appendix A.

The accuracy of the species list, provided by the Information, Planning, and Conservation (IPaC) website, should be verified every 90 days. This verification can be completed formally or informally as desired. The USFWS recommends that verification be completed by visiting the 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 IPaC system by completing the same process used to receive the initial list. If the list is determined to have been modified to include additional species of concern, an evaluation of said species should be conducted and consultation under USFWS guidelines may have to be re-initiated, depending on the determination of effect or previous response from the USFWS.

Additionally, Lotis reviewed the California Department of Fish and Wildlife (CDFW) list of species of concern and their corresponding habitats and determined that the proposed undertaking will have "*No Effect*" on state species of concern. The state species list was obtained by using the CDFW's website. Copies of the Lotis IBA, the state species list (divided by quadrangle) and the IPaC email are included in Appendix B.

Per Section 7 consultation guidelines promulgated by the USFWS, (pursuant to the official USFWS guidance), "*A 'no effect' determination does not require Section 7 consultation and no coordination or contact with the Service is necessary. However, the action agency should maintain a complete record of their evaluation, including the steps leading to the determination of affect, the qualified personnel conducting the evaluation, habitat conditions, site photographs, and any other related information.*" Due to Lotis' determination of "*No Effect*" on critical habitat and listed federal species of concern, Section 7 consultation is considered complete, and no further consultation is required. Should the proposed undertaking be revised, Lotis' previous determination of effect should be considered null and void and be revised to reflect the new proposed undertaking. A copy of the USFWS Section 7 guidance is included in Appendix B.

Additionally, the USFWS has established interim guidelines for recommendations on communication tower siting, construction, operation, and decommissioning as new and existing towers have been determined to significantly impact species which are protected under the Migratory Bird Treaty Act (MBTA), **<http://www.fws.gov/laws/lawsdigest/migtrea.html>**, (16 U.S.C. 703-712). The MBTA prohibits the taking, killing, possession, transportation, and importation of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Department of the Interior. While the Act has no provision for allowing unauthorized take, it must be recognized that some birds may be killed at structures such as communications towers even if all reasonable measures to avoid it are implemented. While it is not possible under the Act to absolve individuals or companies

from liability if they follow these recommended guidelines, the Division of Law Enforcement and Department of Justice have used enforcement and prosecutorial discretion in the past regarding individuals or companies who have made good faith efforts to avoid the take of migratory birds. A copy of the 2013 U.S. Fish and Wildlife Service (USFWS) Revised Voluntary Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning is included in Appendix B.

VB BTS II has taken these recommended interim guidelines into consideration and has mitigated the potential effect on migratory birds by siting the proposed undertaking away from sensitive locations such as critical habitats, wilderness areas, wildlife refuges, and wetlands, where species of concern are more likely to be present. Additionally, VB BTS II proposes a tower height of no more than 199 feet with a tower design to be that of a self-supporting monopine tower. If lighting is required, VB BTS II will complete request the use of dual medium white or red strobe lights with the minimum number, minimum intensity, and minimum number of flashes per minute allowable by the FAA. It should also be noted that the proposed undertaking is located within 2.32 miles of an existing 52-foot monopole telecommunication tower to the northwest.

The USFWS also regulates and enforces the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c). *"This Act provides criminal penalties for persons who 'take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or egg thereof.' The Act defines 'take' as 'pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb.' 'Disturb' means 'to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior.' In addition to immediate impacts, this definition also covers impacts that result from human-induced alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagle's return, such alterations agitate or bother an eagle to a degree that interferes with or interrupts normal breeding, feeding, or sheltering habits, and causes injury, death or nest abandonment. A violation of the Act can result in a fine of \$100,000 (\$200,000 for organizations), imprisonment for one year, or both, for a first offense. Penalties increase substantially for additional offenses, and a second violation of this Act is a felony."* USFWS: The Bald and Golden Eagle Protection Act, <https://www.fws.gov/northeast/ecologicalservices/pdf/NationalBaldEagleManagementGuidelines.pdf> (accessed January 2023). A copy of the Bald and Golden Eagle Protection Act is included in Appendix B.

The USFWS has recommended voluntary minimization/mitigation as indicated above. These are recommendations and should be treated as such unless issued as a requirement to complete Section 7 consultation. Should failure to abide by these recommendations occur, the applicant is assuming responsibility for its failure to comply with the above-mentioned Endangered Species Act (ESA), Migratory Bird Treaty Act (MBTA), and The Bald and Golden Eagle Protection Act (BGEA). It is ultimately the responsibility of the applicant to prevent the "take" of a species of concern regardless of whether or not it has completed Section 7 consultation. The term "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or to attempt to engage in any such conduct. The taking of a listed species of concern (threatened/Endangered), without a federal/state permit, is a severe crime punishable by large fine(s) and confinement.

Lotis did not contact the California Department of Fish and Game (CDFG) because under the California Environmental Quality Act (CEQA), as posted on the CDFG website and as recorded in written responses from various agents of CDFG, federal projects are not subject to CEQA, and informal consultation is not required with the CDFG. Consultation with CDFG is initiated by local lead agencies with jurisdiction over the project area in local government review. Therefore, informal consultation was not completed at the State level.

4. Will the proposed undertaking affect districts, sites, buildings, structures or objects, significant in American history, architecture, archeology, engineering or culture, that are listed (or eligible for listing) in the National Register of Historic Places?

The Office of Historic Preservation: Department of Parks & Recreation (SHPO) is the lead State Historic Preservation Office (SHPO) for the State of California. Lotis contracted Environmental Assessment Specialists, Inc., on December 15, 2023, to determine the potential effect of the proposed undertaking on historic properties (archaeological sites and eligible/listed historic properties) within the Direct and ½-mile Visual Area of Potential Effect (APE) designated by the Federal Communications Commission (FCC). Environmental Assessment Specialists, Inc., completed a Cultural Resource Records Search and conducted research to identify historic

properties using resources specified by the SHPO. Additionally, Environmental Assessment Specialists, Inc., researched the National Register of Historic Places (NRHP) at <http://www.nps.gov/nr/> and did not identify any historic properties within the ½-mile radius APE of the proposed undertaking. A copy of Cultural Resource Records Search is included in Attachment 3.

Lotis prepared and submitted a new tower submission packet (FCC Form 620) through the FCC's E-106 electronic filing protocol. Section 106 review was initially submitted via E-106 to the California SHPO on February 11, 2023; however, the California SHPO does not participate in E-106 electronic filing and requested that materials be sent via regular mail to 1725 23rd Street, Suite 100, Sacramento CA 95816 for review. On February 14, 2023, Lotis forwarded the requested hardcopy packet via USPS. Lotis did not receive a response, after 30 days, from the California SHPO, therefore the following applies *"If the above boxes are blank, there are no historic properties within the direct or indirect project area. Therefore, pursuant to Stipulation VII.B.2 of the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission as quoted below, your Section 106 responsibilities are complete: If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of No Historic Properties Affected within 30 days following receipt of a complete Submission Packet, it is deemed that no Historic Properties Exist within the APE or the Undertaking will have no effect on Historic Properties. The Section 106 process is then complete, and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required."* Copies of the SHPO submission cover letter, FCC Form 620, and the SHPO response are included in Appendix C.

In furtherance of Section 106 consultation efforts, Lotis attempted to contact the jurisdiction's Certified Local Government (CLG), by using the National Parks Service's website, http://grantsdev.cr.nps.gov/CLG_Review/search.cfm. Unfortunately, the NPS's website did not identify a CLG within the local jurisdiction, therefore Lotis contacted the local jurisdiction for comment. On February 11, 2023, Lotis contacted El Dorado County's Clerk of the Board Kim Dawson and invited her to comment on whether the proposed undertaking would have an effect on historic properties within the general vicinity. To date, Lotis has not received a response from Clerk of the Board Dawson's office relative to the proposed undertaking. Copies of the submission cover letter and email submission are included in Attachment 7.

In addition, Lotis submitted an information package to the El Dorado County Historical Society on February 11, 2023. To date, Lotis has not received a response from the El Dorado County Historical Society relative to the proposed undertaking. Copies of the submission letter and email submission are included in Attachment 8.

Finally, Lotis contacted the Mountain Democrat and published a legal public notice in the classified section on April 21, 2023. The proposed undertaking was detailed in the ad and calls for public concerns regarding potential adverse effect on historic properties in the area were solicited. To date, Lotis has not received any public response from the public notice publication concerning the proposed undertaking's potential effect on historic properties. Copies of the legal public notice text, and Affidavit of Publication are included in Attachment 8.

5. Will the undertaking affect Indian religious site(s)?

Lotis utilized the FCC's Tower Construction Notification System (TCNS) to identify tribal entities with interest in the proposed undertaking. The initial TCNS filing was submitted on December 29, 2022. The FCC responded via e-mail on January 6, 2023, indicating that nine (9) nationally recognized tribes were forwarded information regarding the location of the proposed undertaking via electronic or regular mail. All tribes listed in the January 6, 2023, FCC email required additional information delivered to them. The requested documentation was forwarded to the tribes via registered mail or email on February 13, 2023, and February 11, 2023, respectively. As of the date of this report, Lotis received clearance from all interested tribes. Copies of the cover letter submissions, proof of submission, and response are included in Appendix C. As of the date of this report, Lotis received clearance from all interested tribes.

On December 18, 2022, Lotis submitted a request to the Native American Heritage Commission (NAHC) to review their records for sacred lands and to obtain a contact list for state recognized tribes who could be potentially interested in consulting on the proposed undertaking. On January 3, 2023, Lotis received the sacred lands file search which indicated "A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural

resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites". Additionally, the NAHC provided the Native American Contacts List which indicated approximately ten (10) point of contacts who are required to be provided the opportunity to comment on the proposed undertaking. All tribes listed in the NAHC list (multiple point of contacts can be listed which is why a tribe may be listed multiple times) required additional information delivered to them and were therefore forwarded information regarding the location of the proposed project, via electronic and regular mail. A copy of the NAHC Sacred Land Search results letter and NAHC contact list are included in Attachment 6. Copies of the cover letter submissions, proof of submission, and response are included in Appendix C.

FCC Wireless Telecommunications Docket No. 17-79 effective July 2, 2018, replaces procedures outlined in the 2005 Declaratory Ruling and establishes a 45-day process for proceeding with construction in cases in which Tribal Nations or NHOs do not respond. Referral can be completed and submitted to the FCC if a correspondence is not received within 30 calendar days (for emailed tribes) and 35 calendar days (for mailed tribes). Upon notice the FCC will communicate by letter or email with the respective tribe(s) giving them 15 days to respond. The FCC's final 15-day letter was sent March 23, 2023, to the non-responding party(s). According to the FCC Wireless Telecommunications Docket No. 17-79, when no response is received from the tribe(s) within 15 days from the FCC's contact it is deemed to have no interest in pre-construction review a consultation is considered complete. Documentation of all original submission cover letters, referral(s) to the FCC, and tribal clearances are included in Appendix D of this report. Copies of the Federal Lands Map and Indian Reservations Map are included in Appendix A.

6. Is the proposed undertaking located within a flood plain (100-year)?

According to the Flood Insurance Rate Map (FIRM) for El Dorado County, California (Map Number 06017C0775E) published by the Federal Emergency Management Agency (FEMA) effective on September 26, 2008, and exported on February 1, 2023, the proposed undertaking is not located within a 100-year floodplain. A copy of the FIRMette (flood plain map) is included in Appendix E.

7. Will construction of the proposed undertaking involve significant change in surface features (e.g., wetland fill, deforestation or water diversion)?

According to the online United States Fish and Wildlife Service National Wetlands Inventory Map (NWIM), <http://www.fws.gov/wetlands/Data/Mapper.html>, for the proposed undertaking, no mapped wetlands are located at or within close proximity to the proposed undertaking. Additionally, Lotis has determined that no significant deforestation or water diversion is anticipated due to the proposed undertaking. A copy of the National Wetlands Inventory Map is included in Appendix F.

8. Is the proposed undertaking located in a residential neighborhood and is it required to be equipped with high intensity white lights (as defined by local zoning law)?

The proposed undertaking is assumed not to be equipped with high intensity white lights nor located within a zoned residential neighborhood. Should the applicant decide to place high intensity lighting on the proposed undertaking, additional consultation will be recommended.

9. a.) Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above ground level?

An evaluation to determine whether RF emission standards are met was not included as part of this report. Lotis assumes that client representatives will evaluate the project to ensure compliance with applicable RF standards. If the antenna structure equals or exceeds total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above ground level, further consultation is required for NEPA due diligence.

b.) Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above floor level?

An evaluation to determine whether RF emission standards are met was not included as part of this report. Lotis assumes that client representatives will evaluate the project to ensure compliance with applicable RF standards. If

the antenna structure equals or exceeds total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above floor level, further consultation is required for NEPA due diligence.

10. Facility will be over 450 feet above ground level (AGL)?

The proposed undertaking is not above 450 feet AGL.

National Historic and Scenic Trail Review

Per the 1999 "Siting of Wireless Telecommunications facilities Near National Scenic Trails Resolution" voluntary early notification of *"Wireless telecommunications carriers and site management companies ("Applicants") are strongly encouraged to contact the appropriate Managing and Supporting Trail Organization ("MSTO") as early as possible in the siting process. If an Applicant or other entities propose to site a wireless telecommunications facility within one mile of a National Scenic Trail, then the Applicant will voluntarily notify the MSTO of the applicable National Scenic Trail no later than five business days after filing a siting application with the applicable local, municipal, or state authorities."*

Due to the proposed undertaking's siting, consultation with the designated Managing and Supporting Trail Organizations (MSTO) of the California National Historic Trail for potential visual impact was submitted on February 26, 2023. As of the date of this report no response has been received regarding the proposed undertaking's potential impact on the above-listed historic trails. Therefore, Lotis assumes that the proposed undertaking may move forward without further consultation. The correspondence(s) are included in Appendix G of the report. A copy of the National Scenic Trail Map is included in Appendix A.

National Scenic Riverway Review

Congress enacted the Wild and Scenic Rivers Act (WSRA) in 1968, declaring it the "policy of the United States that certain selected rivers of the Nation which, with their immediate environments, possess outstandingly remarkable scenic, recreational, geologic, fish and wildlife, historic, cultural, or other similar values, shall be preserved in free-flowing condition, and that they and their immediate environments shall be protected for the benefit and enjoyment of present and future generations." 16 U.S.C. § 1271. As originally enacted, the WSRA named specific rivers or segments of rivers for inclusion in the Wild and Scenic River System ("WSRS"). Id. § 1274(a)(1)-(a)(8).

The proposed undertaking is located more than ten (10) miles from the closest national scenic riverway. Therefore, no additional consultation is required. A copy of the National Scenic Riverway Map is included in Appendix A.

National Scenic Byway Review

The National Scenic Byways Program was established under the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 and is part of the Department of Transportation's (DOT) Federal Highway Administration (FHWA). The program is a grass-roots collaborative effort established to help recognize, preserve, and enhance selected roads throughout the United States. Pursuant to the program, the Secretary of Transportation recognizes certain roads as All-American Roads or National Scenic Byways based on one or more archeological, cultural, historic, natural, recreational, and scenic qualities.

The proposed undertaking is located more than ten (10) miles from the closest national byway. Therefore, no additional consultation is required. A copy of the National Scenic Byway Map is included in Appendix A.

PROPOSED PROJECT SUMMARY

Site Name: **Diamond Springs**

Site Address: **1550 Pleasant Valley Road
Placerville, California 95667**

Latitude/Longitude: **38° 40' 57.7" ±N / -120° 46' 35.09" ±W**

County: **El Dorado County**

UTM: **Zone: 10S East: 693412 North: 4283911**

Legal Description: **Township: 10N, Range: 11E, Section: 33**

Consultant Information: **Company: Lotis Environmental, LLC (Lotis)
Consultant: Miles Walz-Salvador
Email: NEPA.NHPA@TheLotisGroup.com
Address: 8899 Main Street - Suite 107,
Williamsville, NY 14221
Phone: (716) 580-7000**

Project Description: **Proposed Construction of a 100' (110' including all appurtenances)' monopine telecommunication tower within a 40' by 40' lease area. A proposed 10' by 760' access/utility easement will extend northeast connecting with Pleasant Valley Road. Additionally, a proposed 5' by 300' utility easement will extend north connecting with existing utilities.**

Project Impacts: **Excavation and grade work to install tower foundation, utilities and access easements.**

Project Area: **Square Footage: ~10,700.00 / Acres: ~0.246**

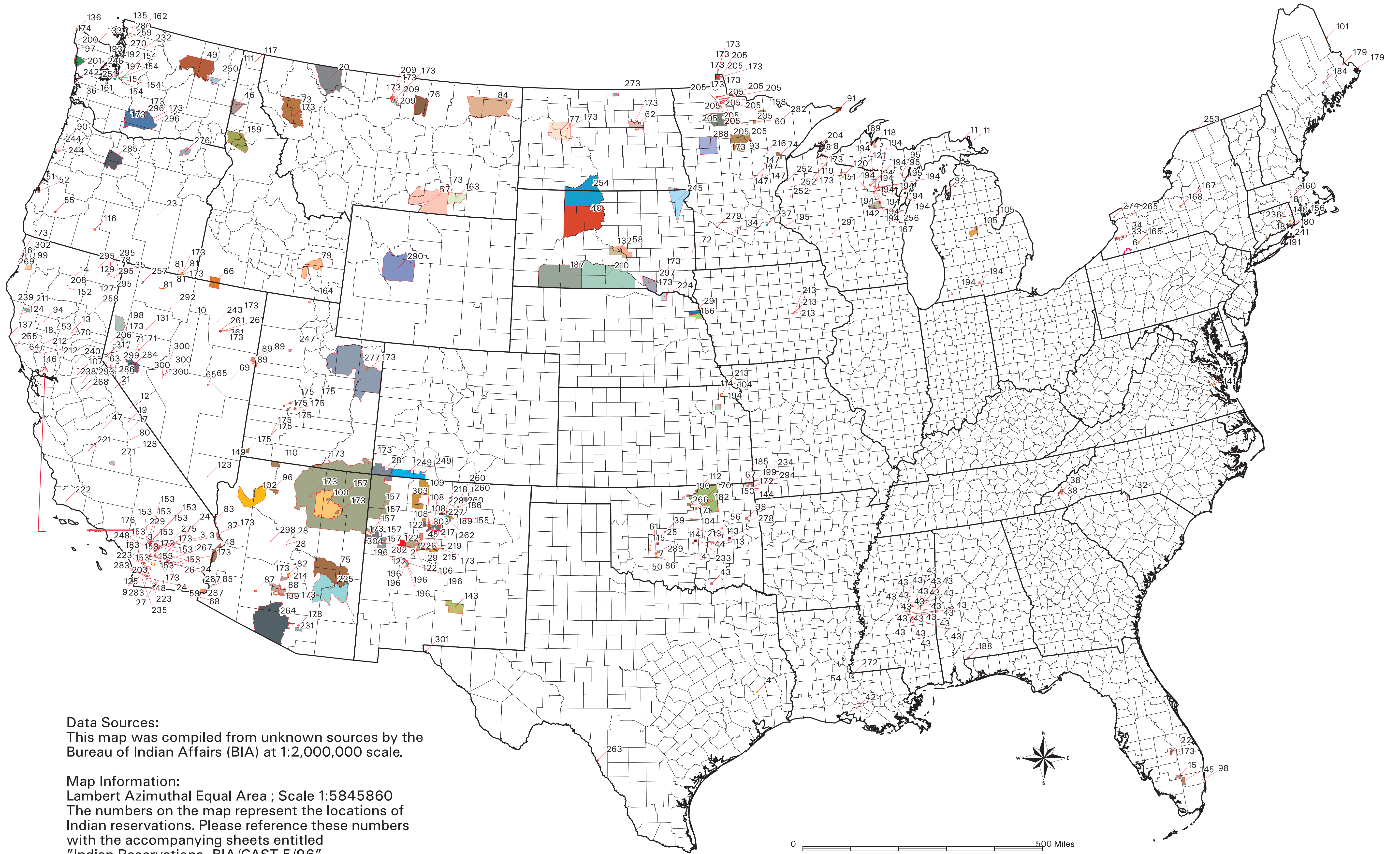
Present Land Use: **residential land**

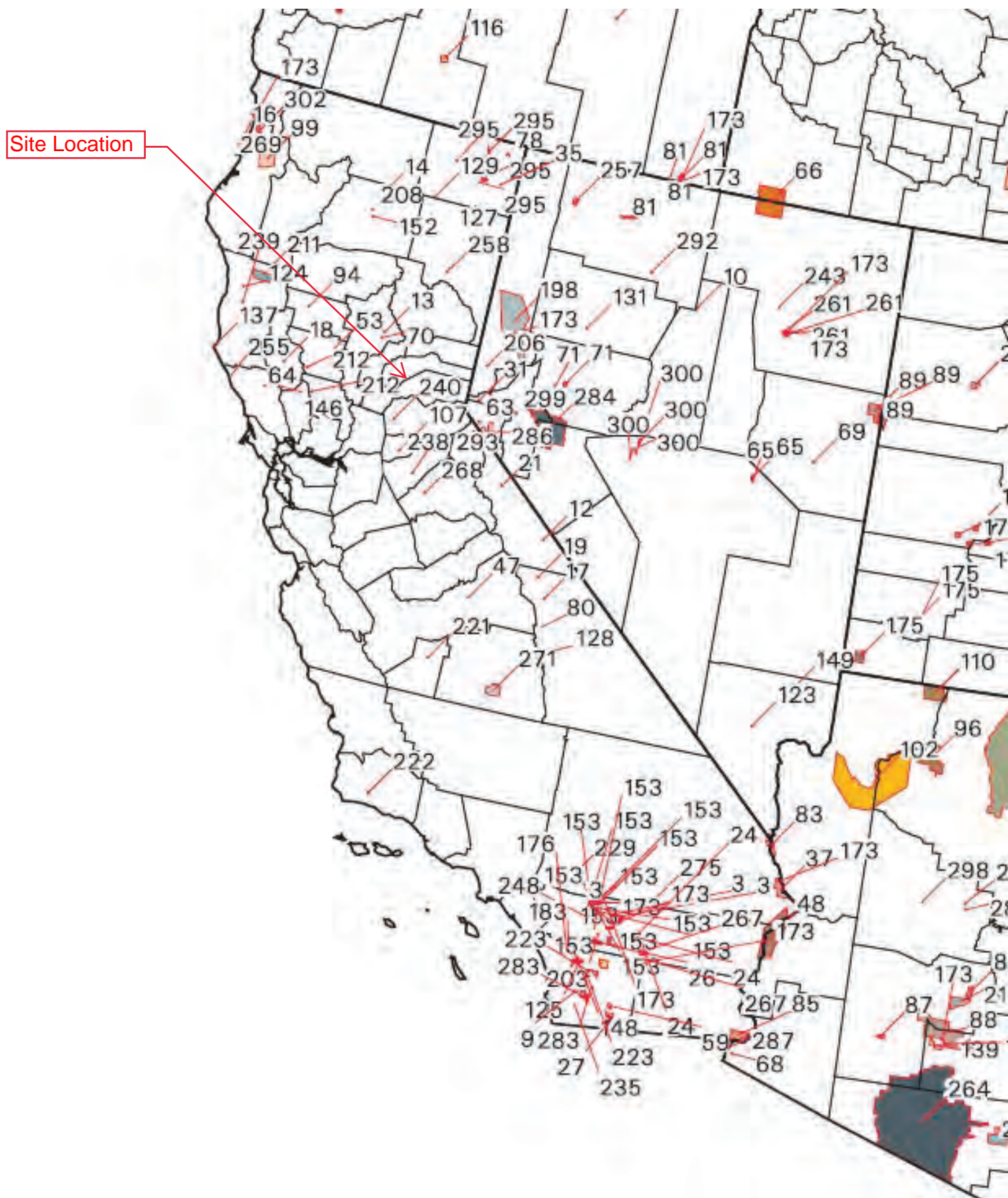
Past Land Use: **agricultural land**

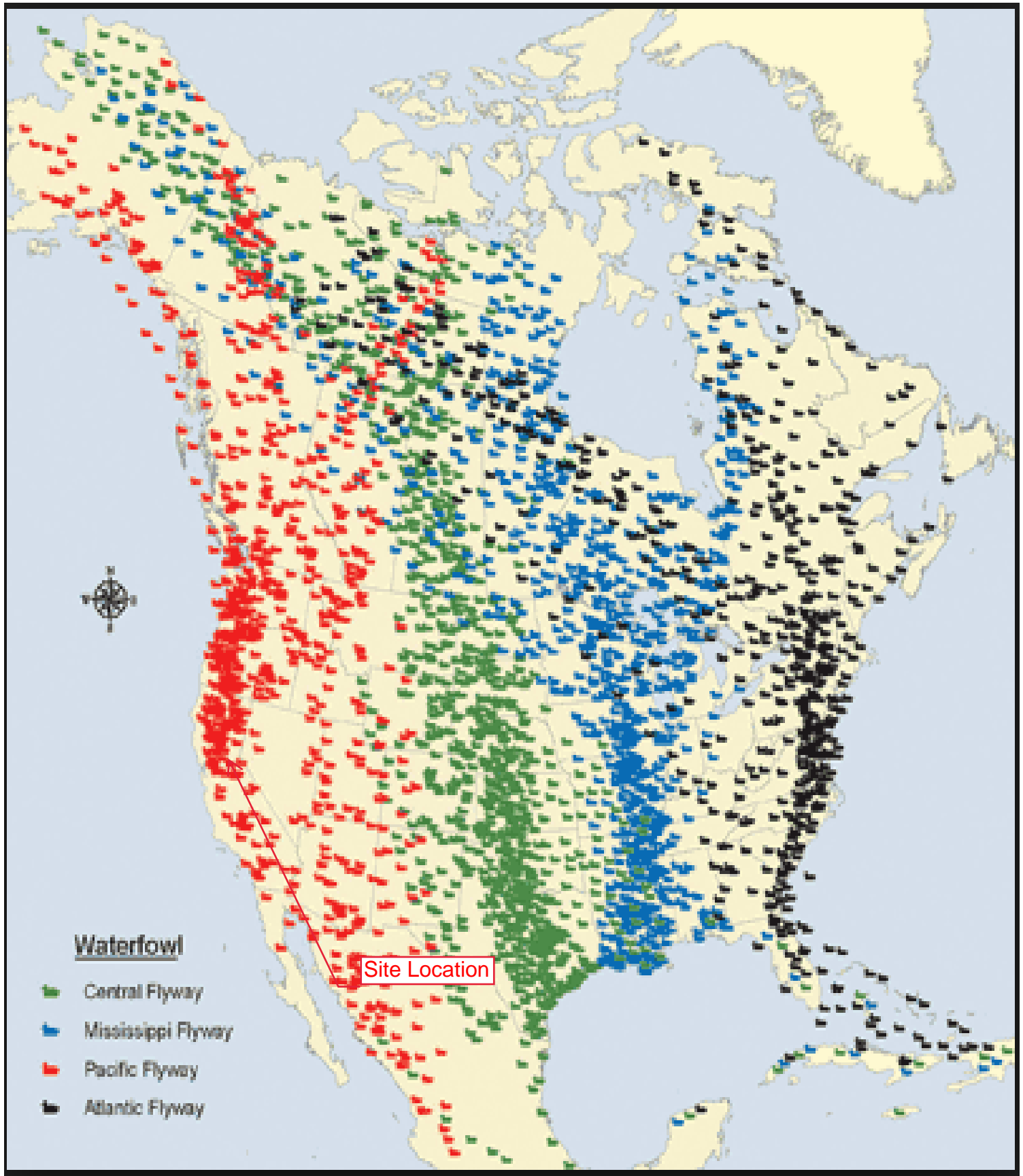
Appendix **A**

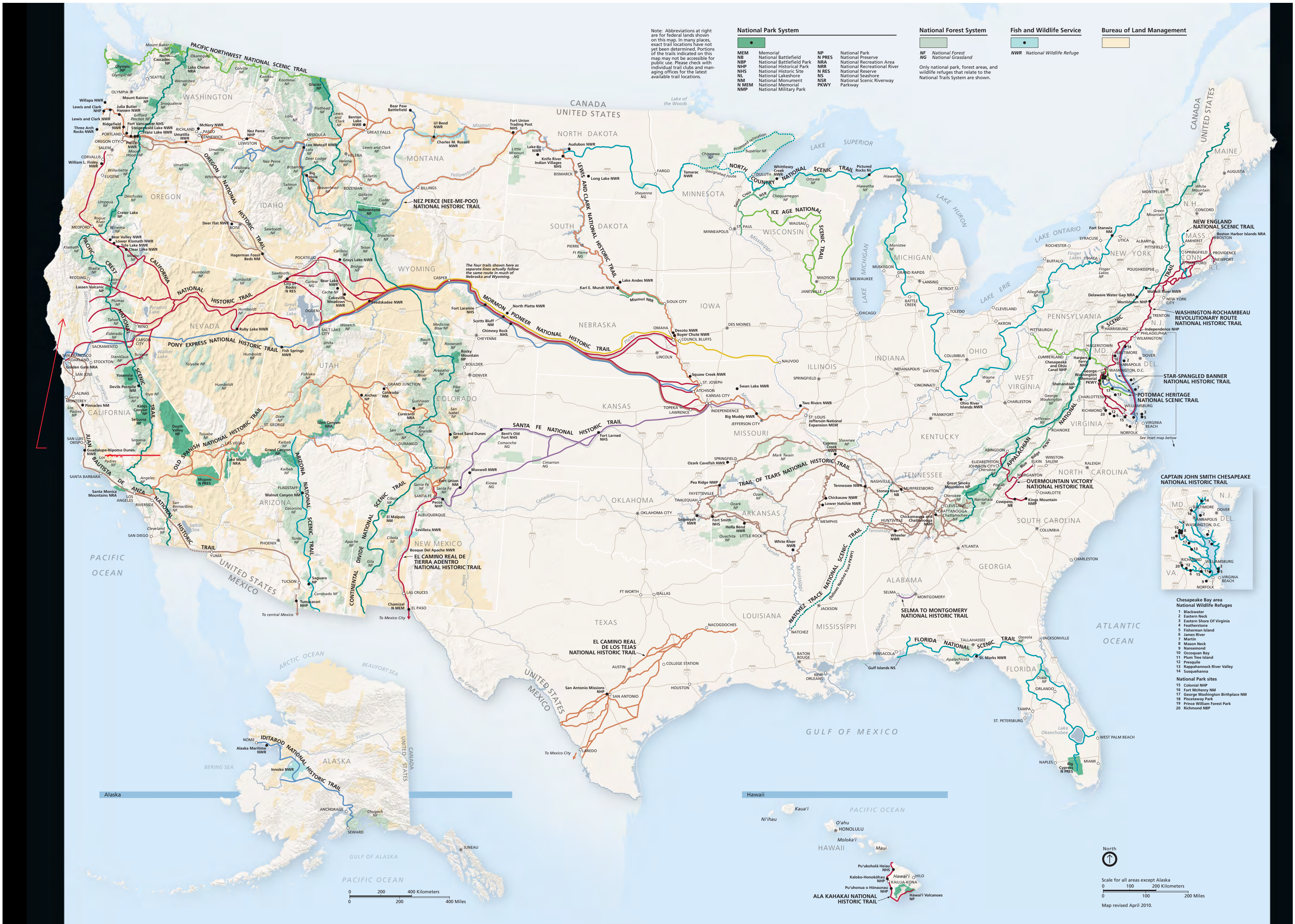
Maps

Indian Reservations in the Continental United States



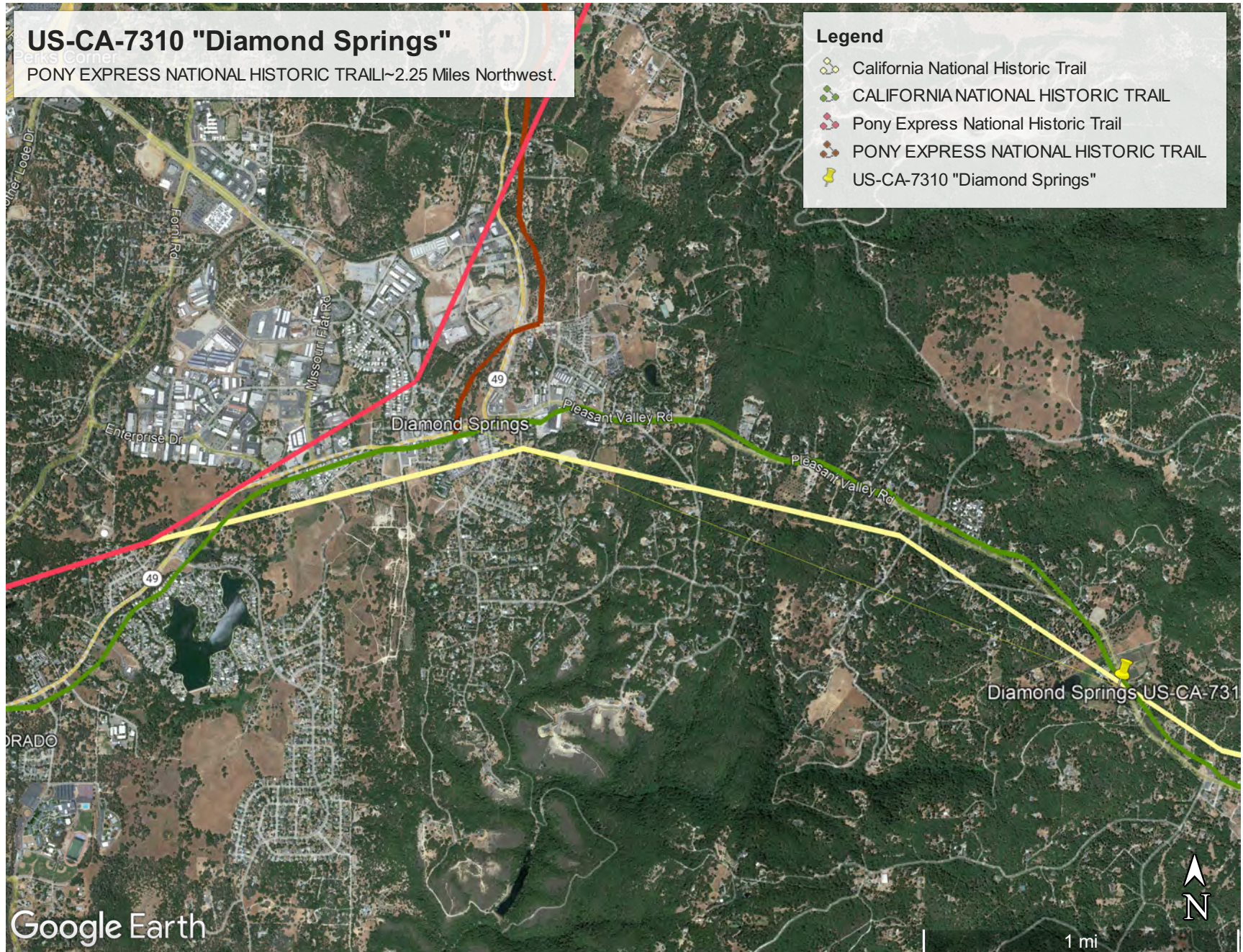
















NATIONAL WILD AND SCENIC RIVERS SYSTEM

Designations as of November 2016

The National Wild and Scenic Rivers System

Established by Congress under the Wild and Scenic Rivers Act of 1968, the National Wild and Scenic Rivers System was created to preserve the free-flow, water quality, and outstanding natural, cultural, and recreational values of select rivers for the enjoyment of present and future generations. The Act is notable for safeguarding the special character of these rivers, while also recognizing the potential for their appropriate use and development. It encourages river management that crosses political boundaries and promotes public participation in developing goals for river protection.

More information about the National Wild and Scenic Rivers System or specific designated rivers can be found at the Interagency Wild & Scenic Rivers Coordinating Council's website, www.rivers.gov, or by contacting one of the federal river administering agencies:



U.S. Forest Service
www.fs.fed.us



National Park Service
www.nps.gov/wsr



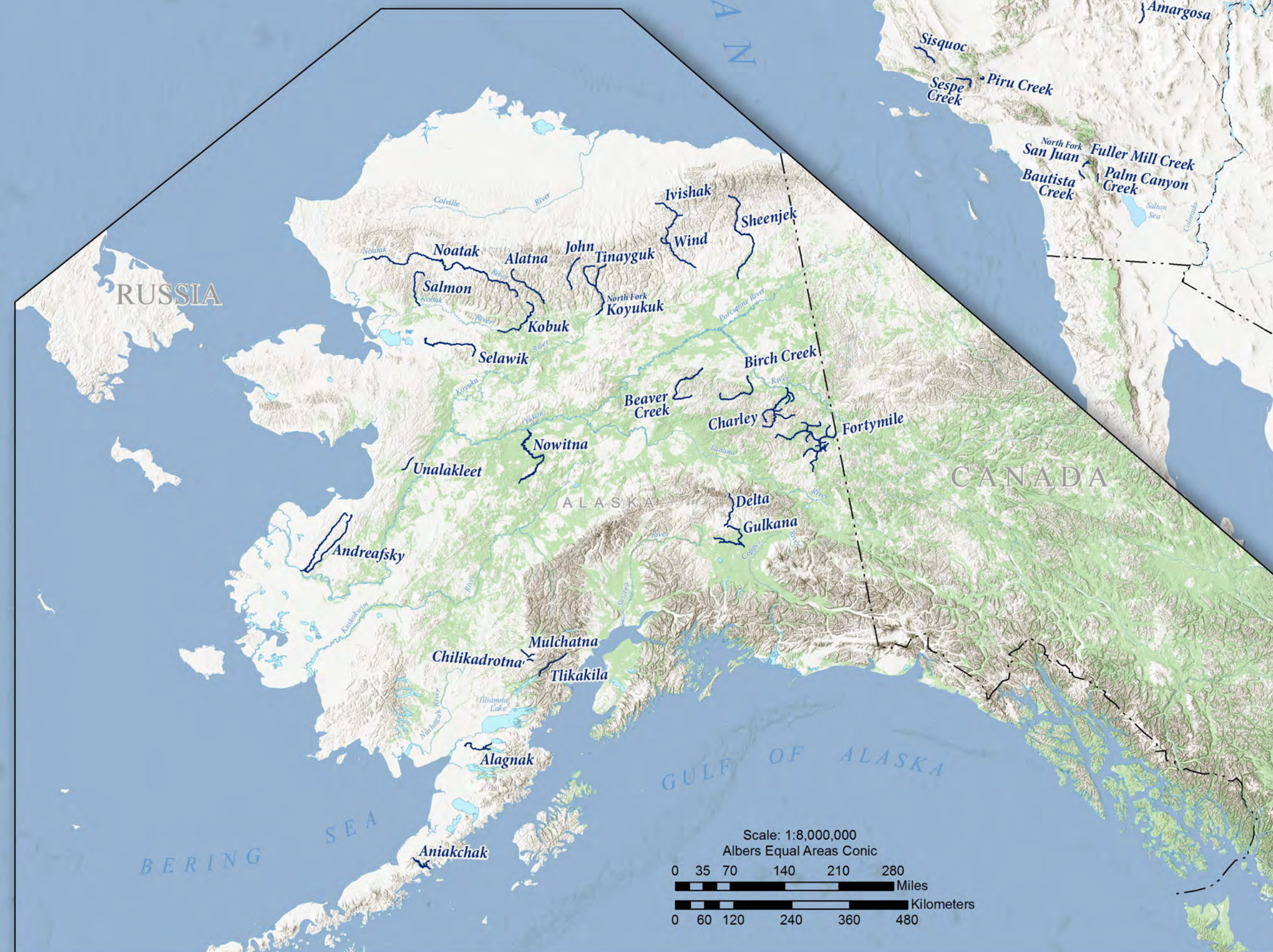
Bureau of Land Management
www.blm.gov



U.S. Fish and Wildlife Service
www.fws.gov

Names of Numbered Wild and Scenic Rivers

- | | | |
|-------------------------|------------------------|-----------------------|
| 1 Sandy | 15 Deschutes | 30 Donner und Blitzen |
| 2 Zig Zag | 16 North Fork Crooked | 31 Wildhorse Creek |
| 3 Middle Fork Hood | 17 Whychus Creek | and Kiger Creek |
| 4 East Fork Hood | 18 North Fork Smith | 32 North Fork Owyhee |
| 5 Fifteenmile Creek | 19 River Styx | 33 Red Canyon |
| 6 White | 20 Big Marsh | 34 South Fork Owyhee |
| 7 Salmon | 21 Crescent Creek | 35 Battle Creek |
| 8 Clackamas | 22 Little Deschutes | 36 Deep Creek |
| 9 Collawash | 23 Crooked | 37 Dickshooter Creek |
| 10 Fish Creek | 24 North Fork Crooked | 38 Little Jacks Creek |
| 11 South Fork Clackamas | 25 South Fork John Day | 39 Big Jacks Creek |
| 12 Roaring and | 26 North Fork John Day | 40 Duncan Creek and |
| South Fork Roaring | 27 North Fork Powder | Wickahoney Creek |
| 13 Eagle Creek | 28 Joseph Creek | 41 Cottonwood Creek |
| 14 Metolius | 29 Lostine | 42 Sheep Creek |

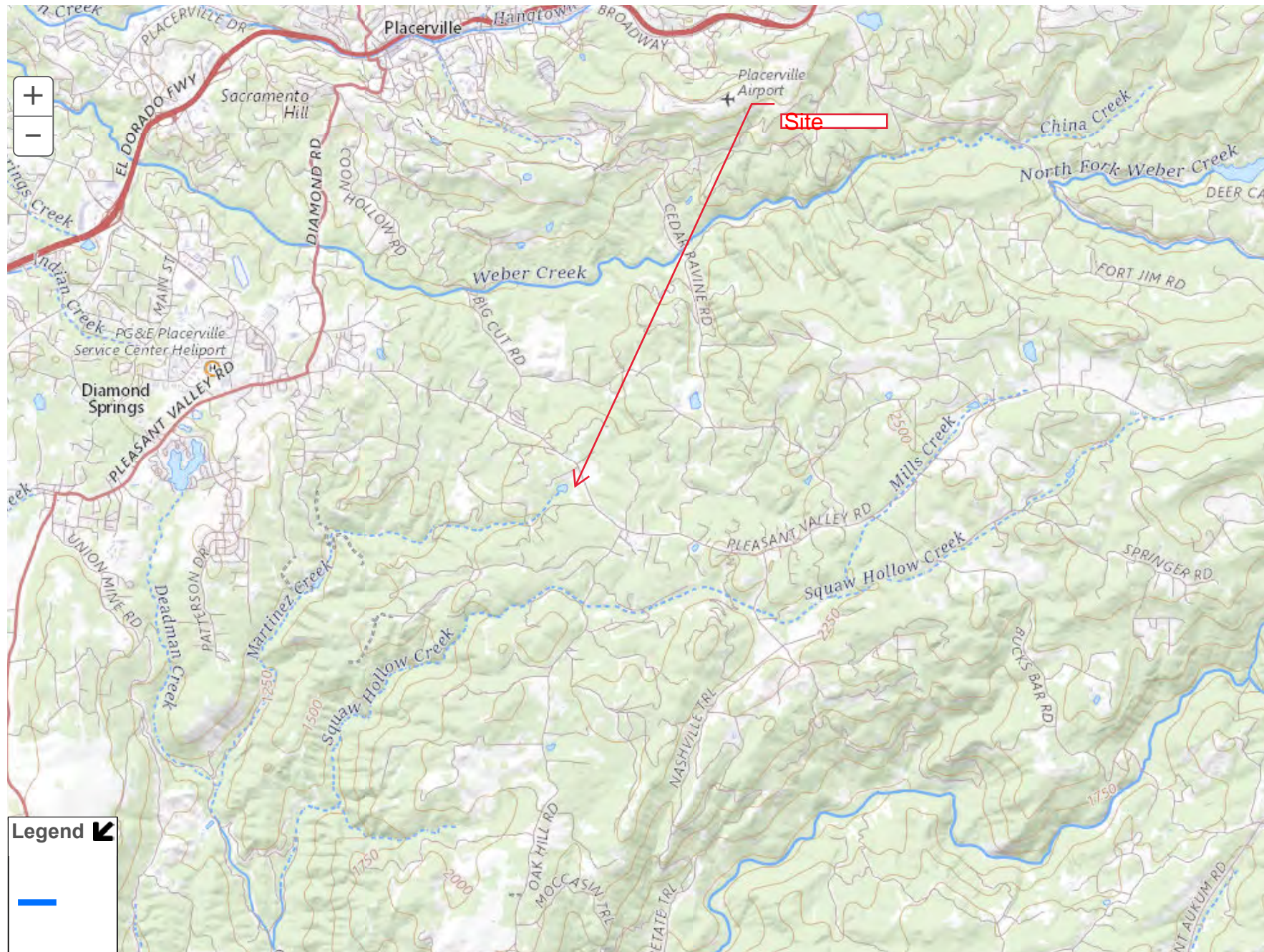


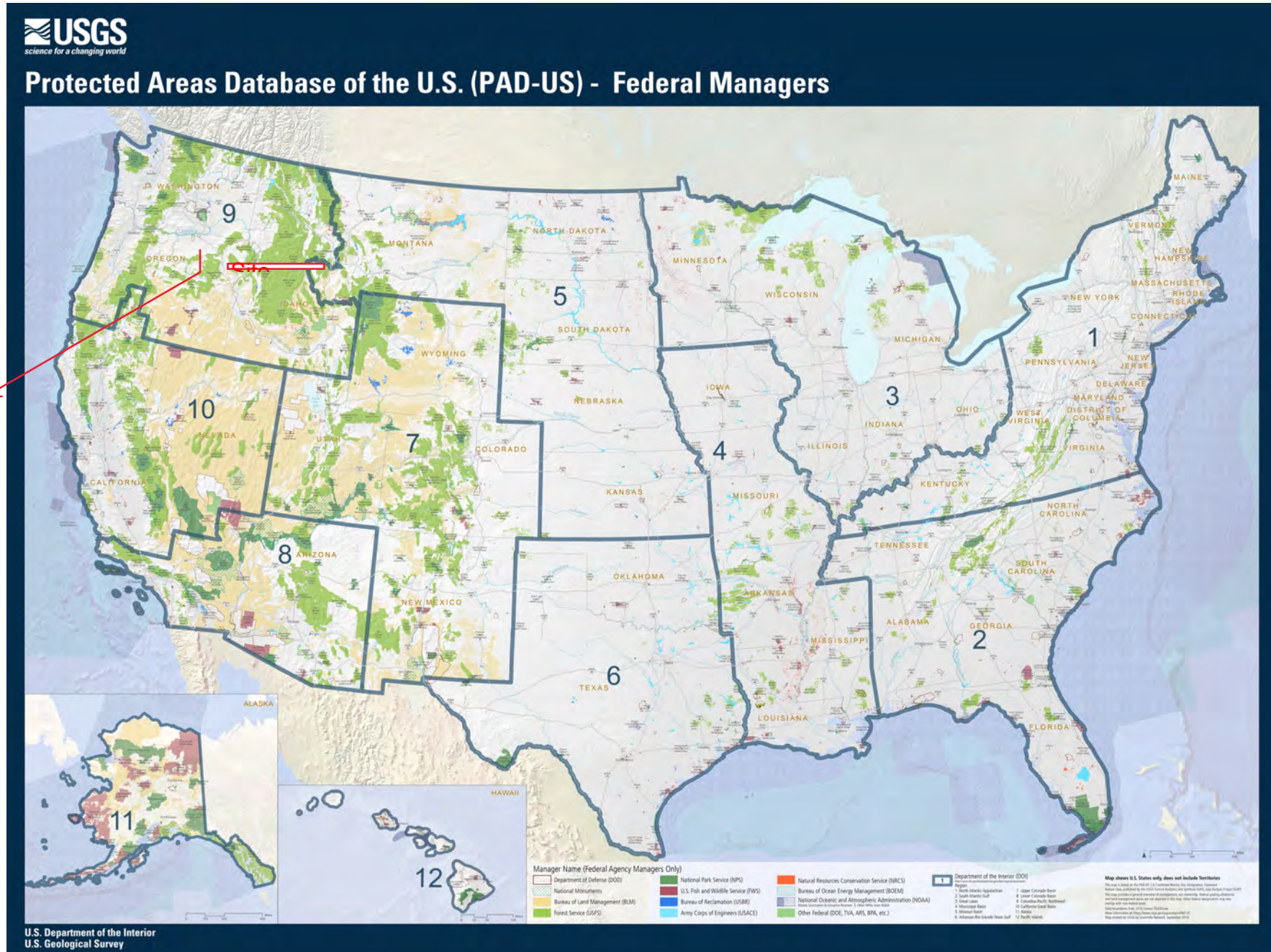
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Prepared by the USDA Forest Service
Geospatial Service and Technology Center Salt Lake City, UT 2016
The USDA Forest Service uses the most current and complete data available.
GIS data and product accuracy may vary. Using GIS products for purposes other
than those for which they were intended may yield inaccurate or misleading results.

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9







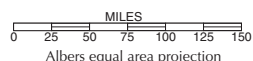
nationalatlas.gov
Where We Are

CALIFORNIA

FEDERAL LANDS AND INDIAN RESERVATIONS

- Bureau of Indian Affairs
- Bureau of Land Management / Wilderness
- Bureau of Reclamation
- Department of Defense (includes Army Corps of Engineers lakes)
- Fish and Wildlife Service / Wilderness
- Forest Service / Wilderness
- National Park Service / Wilderness

Some small sites are not shown, especially in urban areas.



Abbreviations

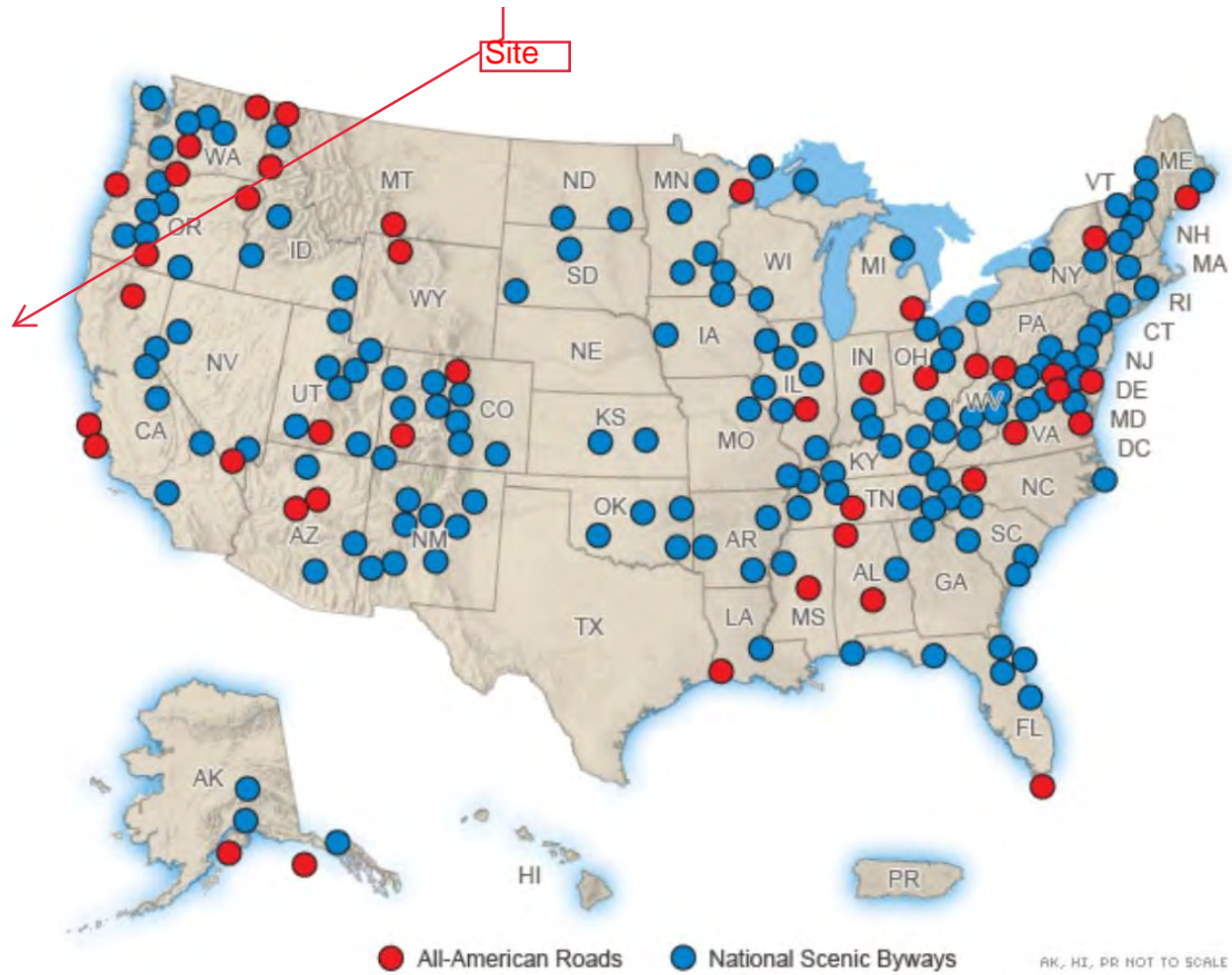
- AFB Air Force Base
- IR Indian Reservation
- MCAS Marine Corps Air Station
- MCB Marine Corps Base
- NAF Naval Air Facility
- NAS Naval Air Station
- NF National Forest
- NHS National Historic Site
- NM National Monument
- NP National Park
- NRA National Recreation Area
- NS Naval Station
- NTC Naval Training Center
- NWR National Wildlife Refuge
- Res Reservoir
- WMA Wildlife Management Area



U.S. Department of the Interior
U.S. Geological Survey

The National Atlas of the United States of America®

pagefed_ca12.pdf INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-2003



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California - Map | America's Byways





[HOME](#) | [AMERICA'S BYWAYS](#) | [ABOUT US](#)



Byways

Maps

- All Byways
- Central Coast Section Map
- Central Valley Section Map
- Deserts Section Features Map
- Gold Country Section Map
- High Sierra Section Map
- Inland Empire Section Map
- Los Angeles Section Map
- North Coast Section Map
- Orange County Section Map
- San Diego Section Map
- San Francisco Section Map
- Shasta Cascade Section Map

California (CA)



0 60 120 Miles

Legend:

- Point of Interest
- Park
- Mountain
- City
- Capital
- Campground
- Picnic/Rest Area
- Interstate
- U.S. Highway
- State Highway
- Featured Byway
- America's Byways
- Other Byway
- Other Road
- Trail
- Water
- Wildlife Refuge
- Wilderness Area
- Other Federal Lands
- Other State Lands
- State Border
- Urban Area
- Tribal Nation
- Military Base

<https://www.fhwa.dot.gov/byways/states/CA/maps>

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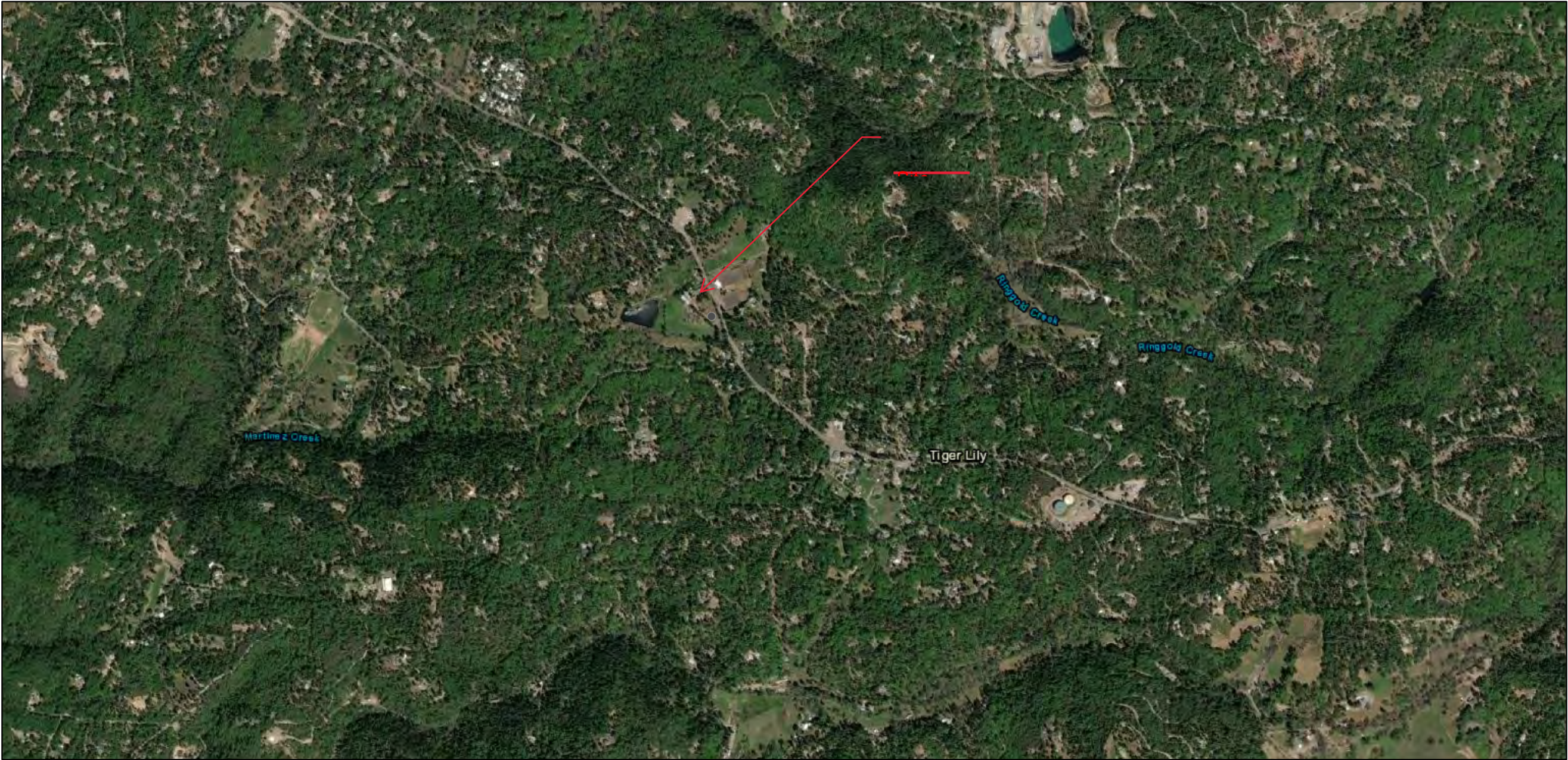
Critical Habitat for Threatened & Endangered Species [USFWS]



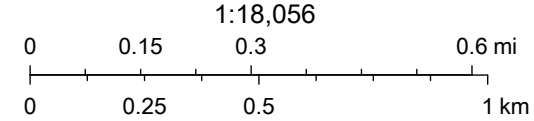
A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

Maxar

Wilderness Map



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Esri, HERE, Garmin, IPC, Maxar

Web AppBuilder for ArcGIS
Maxar | Esri, HERE, Garmin, IPC |

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9



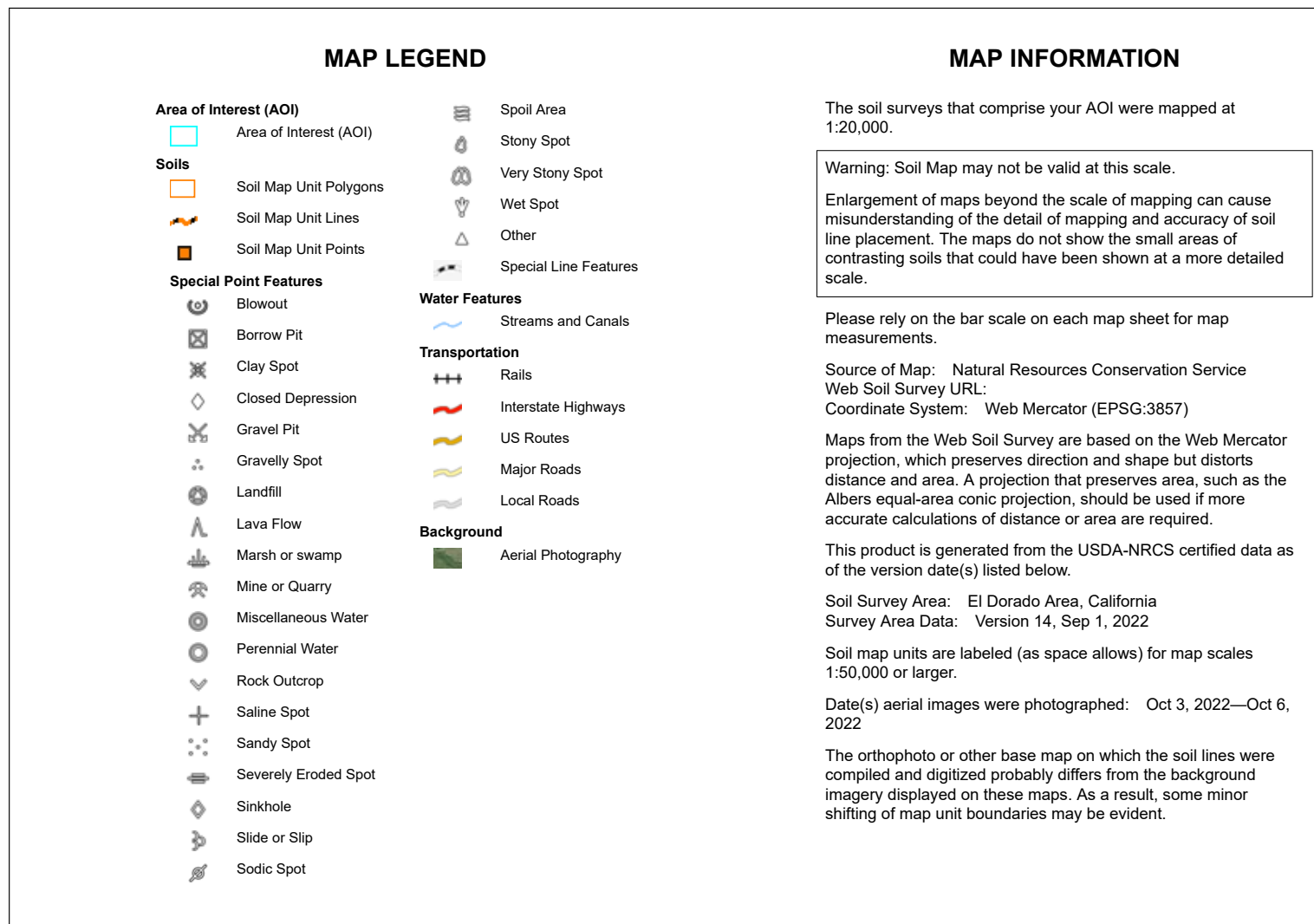
Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

2/1/2023
Page 1 of 3

CUP23-0004 Pleasant Valley Monopine Exhibit H Attachments 1-9

Soil Map—El Dorado Area, California



Soil Map—El Dorado Area, California

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MaD	Mariposa gravelly silt loam, 3 to 30 percent slopes	3.0	100.0%
Totals for Area of Interest		3.0	100.0%

Map Unit Description: Mariposa gravelly silt loam, 3 to 30 percent slopes---El Dorado Area,
California

El Dorado Area, California

MaD—Mariposa gravelly silt loam, 3 to 30 percent slopes

Map Unit Setting

National map unit symbol: hj0d
Elevation: 1,600 to 5,000 feet
Mean annual precipitation: 30 to 65 inches
Mean annual air temperature: 50 to 55 degrees F
Frost-free period: 140 to 235 days
Farmland classification: Farmland of local importance

Map Unit Composition

Mariposa and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mariposa

Setting

Landform: Mountains, hills
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 metamorphic rock, schist, or slate

Typical profile

H1 - 0 to 8 inches: gravelly silt loam
H2 - 8 to 26 inches: gravelly silt loam
H3 - 26 to 30 inches: unweathered bedrock

Properties and qualities

Slope: 3 to 30 percent
Depth to restrictive feature: 26 to 30 inches to lithic bedrock
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Ecological site: F022AW006CA - Mesic Mountains >40"ppt
Hydric soil rating: No

CUP23-0004 Pleasant Valley Monopine

Exhibit H Attachments 1-9

Map Unit Description: Mariposa gravelly silt loam, 3 to 30 percent slopes---El Dorado Area, California

Minor Components

Josephine

Percent of map unit: 8 percent

Hydric soil rating: No

Rock outcrop

Percent of map unit: 4 percent

Hydric soil rating: No

Sites

Percent of map unit: 3 percent

Landform: Mountain slopes

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Mountainflank

Down-slope shape: Convex

Across-slope shape: Convex

Hydric soil rating: No

Data Source Information

Soil Survey Area: El Dorado Area, California

Survey Area Data: Version 14, Sep 1, 2022



Appendix **B**

United States Fish and Wildlife Service (USFWS): Sacramento Fish And Wildlife Office Consultation

Lotis' Informal Biological Assessment (IBA)



Informal Biological Assessment

Applicant: VB BTS II, LLC

Site Name: "Diamond Springs"; Site Number: "US-CA-7310"; Lotis Task ID: "VBBTS_096"

Latitude : 38° 40' 57.7" N ; Longitude : -120° 46' 35.09" W

Lotis was contracted by the applicant to complete an informal biological assessment (IBA) for the proposed undertaking (which includes the tower, associated equipment, lease area, and access/utility/guy wire easements; or a combination of the mentioned). The purpose of this IBA is to assess and document whether the proposed undertaking will potentially affect species of concern, designated critical habitats, wetlands, and migratory birds identified by the United States Fish and Wildlife Services (USFWS) Information for Planning and Conservation (IPaC) tool and the California Department of Fish and Wildlife (CDFW). The proposed undertaking's scope of work (SOW), site photographs, site location maps, the official IPaC species list/Section 7 guidance, and the relevant species listed by the state of California are included in this report.

The Proposed Undertaking's Scope of Work:

The proposed undertaking is located near 1550 Pleasant Valley Road, Placerville, California 95667 and consists of a 110-foot tall monopine telecommunication tower and associated equipment contained within a 40-foot by 40-foot lease area at the above property. The undertaking includes a 10-foot wide by 760-foot-long access/utility easement that extends northeast connecting with Pleasant Valley Road. In total the proposed undertaking is approximately 1,600 square feet. The proposed tower site is approximately 2,076.97 feet above mean sea level (AMSL).

Site and Surrounding Habitat:

The proposed undertaking is currently located in an area of general residential land use and forested lands. Per the scope of work, no trees within the proposed undertaking are identified to be removed/impacted. The surrounding habitats within a 0.5 mile radius of the proposed undertaking consist of residential properties with associated roadways. To the north, habitat consists of a partially wooded field followed by Pleasant Valley Road, an agricultural field, a residential property with surrounding trees, Glee Lane, several residential properties with several surrounding trees, Kearns Road, a treed residential property, Kearns Road, and forested land. To the east, habitat consists of a partially wooded field followed by Pleasant Valley Road, a large, wooded field, Moon Shine Hill Road, and a residential property with surrounding trees. To the south, habitat consists of a partially wooded field followed by a residential property, Combo Court, a residential property with surrounding trees, a large, forested area, a residential property with surrounding trees, Big Oak Road, and a residential property with surrounding trees. To the west, habitat consists of a partially wooded field followed by a residential property with surrounding trees, a freshwater pond, a wooded field, Skyridge Road, and a wooded area. Per USFWS Critical Habitat Mapper (<http://fws.maps.arcgis.com/home/webmap/viewer.html?webmap=9d8de5e265ad4fe09893cf75b8ddb77>) the current habitat is not mapped as critical habitat, nor does it qualify as preferred habitat for Federal or State listed species.

Wetlands:

Lotis has reviewed the United States Geological Survey's (USGS) topographic map as well as the USFWS National Wetlands Inventory Map (NWIM) to determine if the lease area and easements would have an impact on any wetlands. Lotis determined that the **proposed undertaking** is not located in a recognized national wetland area but due to the proximity of wetlands in all directions the undertaking may have an adverse effect on these areas. Lotis recommends best management practices be incorporated to protect adjacent habitats and wetlands from runoff caused by impervious surfaces. The closest USFWS identified wetland is approximately 0.05 miles west of the tower location.

Lotis identified surface water bodies with the aid of local maps in combination with an area reconnaissance. Lotis has identified wetlands within a 0.50-mile radius and wetlands of significance. Please see the list of identified water bodies below:



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Site Name: Diamond Springs
Site Number: US-CA-7310

Water Body Type	Water Body Name	Direction from Tower	Distance from Tower
Freshwater Emergent Wetland	Unnamed	West	~0.05 miles
Freshwater Emergent Wetland	Unnamed	Northwest	~0.09 miles
Freshwater Pond	Unnamed	West	~0.11 miles
Freshwater Emergent Wetland	Unnamed	Southwest	~0.14 miles
Freshwater Pond	Unnamed	Northeast	~0.16 miles
Riverine	Unnamed	Southwest	~0.18 miles
Freshwater Pond	Unnamed	Northwest	~0.21 miles
Freshwater Pond	Unnamed	Northeast	~0.23 miles

*All directions are from the closest point of contact from the tower location.

Threatened or Endangered Species:

Lotis has researched the threatened or endangered species and designated critical habitat for the action area. This is exclusive to any such species that have been reported to exist within the area where the proposed undertaking is located. The list of federally threatened or endangered species was acquired through the USFWS IPaC website. The list of state species of concern was acquired through the California Department of Fish and Wildlife website (<https://apps.wildlife.ca.gov/bios6/table.html>).

The list of the remaining potentially present listed species and habitat presence are summarized in the following table:

Species Name	Federal /State Status	Preferred Habitat	Habitat Presence	Recommendation of Effect
Bank Swallow (<i>Riparia riparia</i>)	State Threatened	Open lowland areas near bodies of water	Habitat assessment indicated no preferred habitat present.	No effect
California Red-legged Frog (<i>Rana draytonii</i>)	Federally Threatened	In or near water sources like streams or stock ponds	Habitat assessment indicated no preferred habitat present.	No effect
Delta Smelt (<i>Hypomesus transpacificus</i>)	Federally Threatened	Brackish water	Habitat assessment indicated no preferred habitat present.	No effect
Foothill Yellow-legged Frog (<i>Rana boylei</i>)	State Endangered	In or near rocky streams in a variety of habitats	Habitat assessment indicated no preferred habitat present.	No effect



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221

Site Name: Diamond Springs
Site Number: US-CA-7310

Species Name	Federal /State Status	Preferred Habitat	Habitat Presence	Recommendation of Effect
Layne's Butterweed (<i>Senecio layneae</i>)	Federally Threatened	Gabbro or serpentine derived soils, in rocky areas in chaparral, woodland, and forest	Habitat assessment indicated no preferred habitat present.	No effect
Monarch Butterfly (<i>Danaus plexippus</i>)	Federal Candidate	Fields, roadside area, open area, wet area, or urban garden	Habitat assessment indicated no preferred habitat present.	No effect

Migratory Birds:

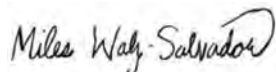
The USFWS has indicated its concern of the impact of towers on migrating bird populations. The proposed undertaking and design process for this undertaking could not conform to all the USFWS recommendations to decrease potential effects on migratory birds. Lotis has assessed the potential habitat for migratory birds and has determined that potential habitat is present at and around the proposed undertaking. This habitat includes forested land in the surrounding area. The siting of this proposed undertaking has placed it within disturbed habitat. It should also be noted that the proposed undertaking is located within 2.32 miles of an existing 52-foot monopole telecommunication tower to the northwest.

Based upon the efforts during this IBA as well as the current data made available, surrounding habitat has the potential to support migratory birds; however, potential negative effects of the a nearby tower are unknown and addition of another tower may or may not negatively affect migratory birds.

Conclusions:

In conclusion, no species preferred habitats, identified by the USFWS and the CDFW have been observed at the proposed undertaking's location. Therefore, based on the documents reviewed, and the SOW outlined above, identified threatened/endangered species will not be affected by the proposed undertaking. Lotis' recommends following all preventative recommendations presented by the USFWS and the CDFW

It should be noted that this informal biological assessment was conducted in accordance with the Scope of Work and does not constitute a Section 7 Biological Assessment under the Endangered Species Act (50 CFR Part 402.01).



Miles Walz-Salvador
Biologist / Nationwide NEPA Manager
Lotis Environmental, LLC



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221

***Federal Communications Commission (FCC)
Designation Letter for FCC licensees, applicants, tower
companies and their representatives when they request
informal consultations and/or request species lists
pursuant to Section 7 of the Endangered Species Act of
1973, as amended (16 U.S.C. Â§Â§ 1531-1543) (ESA)***



Federal Communications Commission
Washington, D.C. 20554

July 9, 2003

Mr. Steve Williams, Director
U.S. Fish and Wildlife Service
U.S. Department of the Interior
1849 C Street, N.W.
Washington, DC 20240

BY FIRST CLASS MAIL AND FACSIMILE (202) 208-6965

Dear Mr. Williams:

We have received requests from various U.S. Fish and Wildlife Service (FWS) field offices for a designation letter from the Federal Communications Commission (FCC) for FCC licensees, applicants, tower companies and their representatives when they request informal consultations and/or request species lists pursuant to Section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. §§ 1531-1543) (ESA). Pursuant to 50 C.F.R. § 402.08 and in accordance with FCC rules, this letter formally designates all FCC licensees, applicants, tower companies and their representatives as non-federal representatives for purposes of Section 7 consultation. We recognize that the Commission retains ultimate responsibility for Section 7 obligations. *See* 47 C.F.R. §§ 1.1308(b), 1.1312(b).

In accordance with the interagency cooperation regulations at 50 C.F.R. § 402.08, non-Federal representatives may be involved in an informal consultation process and may request and receive species lists, prepare the biological assessment, and provide information for a formal consultation. Because the FCC has deregulated the construction of communications facilities, the Commission is not involved in most of its regulatees' planning and construction activities unless they affect certain categories of environmental concerns. (The FCC still does issue construction permits for broadcast facilities.) Thus, the FCC does not individually authorize and does not require notice of most communications towers. The FCC's rules require its licensees, applicants, and tower companies to determine, in the first instance, the environmental effects of their proposed towers. *See* 47 C.F.R. § 1.1312(a).

In accordance with this policy, the FCC's environmental rules require that all licensees and applicants prepare and file with the FCC an Environmental Assessment (EA) if, among other things, their proposed facilities "may affect" or "are likely to jeopardize" listed or proposed threatened or endangered species or designated critical habitats.¹ In order to

¹ 47 C.F.R. § 1.1307(a)(3) requires the preparation of an EA for facilities that: "(i) May affect listed threatened or endangered species or designated critical habitats; or (ii) are likely to jeopardize the continued

Williams Letter

page 2

determine whether an EA is required, an applicant may need to request information from and informally consult with FWS. Moreover, the Note to Section 1.1307(a)(3) of the FCC's environmental rules² specifically authorizes FCC licensees and applicants and their representatives to contact FWS to determine whether their proposed facilities will affect threatened or endangered species or designated critical habitats. We understand that the FWS rules require parties that are engaged in informal consultation to include the information described in 50 C.F.R. § 402.12, which may be different from information required under the National Environmental Policy Act. Once it is established that threatened or endangered species or their critical habitats may be affected, licensees and applicants are required to base their analysis on the "best scientific and commercial data available." See 47 C.F.R. § 1.1311(a)(6).

Accordingly, under the FCC's environmental rules, all FCC licensees, applicants, tower companies and their representatives have a blanket designation and are authorized to contact and work with the FWS to ensure that any effects on threatened and endangered species and their critical habitats are evaluated in siting proposed communications facilities. The FCC intends to post this letter on the FCC website, <http://wireless.fcc.gov/siting>.

Sincerely,



Susan H. Steiman
Associate General Counsel

Cc: Richard Sayers, Endangered Species Division

existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973."

² 47 C.F.R. § 1.1307(a)(3) Note.

***United States Fish and Wildlife Service (USFWS):
Sacramento Fish And Wildlife Office's Information for
Planning and Conservation (IPaC) Letter(s)***



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

Phone: (916) 414-6600 Fax: (916) 414-6713



In Reply Refer To:

February 09, 2023

Project Code: 2023-0043684

Project Name: VBBTS_096 US-CA-7310 Diamond Springs

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

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:

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

(916) 414-6600

Project Summary

Project Code: 2023-0043684
Project Name: VBBTS_096 US-CA-7310 Diamond Springs
Project Type: Communication Tower New Construction
Project Description: Proposed construction of 110 ft tall telecommunication installation within a 40x40 ft lease including easement. A 420x10 ft access area directing east connecting to Pleasant Valley Road

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.682916649999996,-120.77661983143403,14z>



Counties: El Dorado County, California

Endangered Species Act Species

There is a total of 4 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.

Amphibians

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

Fishes

NAME	STATUS
Delta Smelt <i>Hypomesus transpacificus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/321	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
Layne's Butterweed <i>Senecio layneae</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4062	Threatened

Critical habitats

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

IPaC User Contact Information

Agency: Lotis Environmental, LLC
Name: Miles Walz-Salvador
Address: 8899 Main St
Address Line 2: 107
City: Williamsville
State: NY
Zip: 14221
Email: nepa.nhpa@thelotisgroup.com
Phone: 3149130505



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

Phone: (916) 414-6600 Fax: (916) 414-6713



In Reply Refer To:

May 09, 2023

Project Code: 2023-0043684

Project Name: VBBTS_096 US-CA-7310 Diamond Springs

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.

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(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:

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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

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:

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

(916) 414-6600

PROJECT SUMMARY

Project Code: 2023-0043684
Project Name: VBBTS_096 US-CA-7310 Diamond Springs
Project Type: Communication Tower New Construction
Project Description: Proposed construction of 110 ft tall telecommunication installation within a 40x40 ft lease including easement. A 420x10 ft access area directing east connecting to Pleasant Valley Road

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.6828214,-120.7765354404973,14z>



Counties: El Dorado County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 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.

AMPHIBIANS

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened
Foothill Yellow-legged Frog <i>Rana boylei</i> Population: South Sierra Distinct Population Segment (South Sierra DPS) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5133	Proposed Endangered

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
Layne's Butterweed <i>Senecio layneae</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4062	Threatened

CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Lotis Environmental, LLC
Name: Miles Walz-Salvador
Address: 8899 Main St
Address Line 2: 107
City: Williamsville
State: NY
Zip: 14221
Email: nepa.nhpa@thelotisgroup.com
Phone: 3149130505

***United States Fish and Wildlife Service (USFWS):
Sacramento Fish And Wildlife Office's Response***

DeAnna Anglin

From: Goude, Leif <leif_goude@fws.gov>
Sent: Monday, August 5, 2019 11:20 AM
To: DeAnna Anglin
Cc: Miles Walz-Salvador; Wyatt
Subject: Re: [EXTERNAL] USFWS Sacramento Field Office - No effect determination protocol

That is correct. Should you ever need a bit of assistance with borderline determinations in and around the San Francisco Bay area please don't hesitate to contact me.

Leif Goude
Coast Bay Division Biologist
U.S. Fish and Wildlife Service
Sacramento Fish and Wildlife Office
2800 Cottage Way
Sacramento, CA 95825
(916) 414-6659

On Mon, Aug 5, 2019 at 9:15 AM DeAnna Anglin <Anglin@thelotisgroup.com> wrote:

Good morning Mr. Goude,

Thank you for giving me a call this morning. Per our conversation, if a no effect determination has been made, consultation with the USFWS Sacramento Field Office is unnecessary. However, if the project is built in disturbed land but could possibly have an effect on a species (May affect but not likely to adversely effect) you would like to be sent project information. Please respond letting me know this summary is correct. Again, thank you for your time and assistance.

Have a great week!

Warmly,

DeAnna Anglin

Environmental Biologist/Consultant



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Please consider the environment before printing this e-mail

***California Department of Fish and Wildlife (CDFW)
Threatened and Endangered Species List***

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Element_Type	Scientific_Name	Common_Name	Element_Code	Federal_Status	State_Status	CDFW_Status	CA_Rare_Plant_Rank	Quad_Code	Quad_Name
Animals - Amphibians	Rana boylei pop. 5	foothill yellow-legged frog - south Sierra DPS	AAABH01055	Proposed Endangered	Endangered	-	-	3812067	PLACERVILLE
Animals - Birds	Accipiter cooperii	Coopers hawk	ABNKC12040	None	None	WL	-	3812067	PLACERVILLE
Animals - Birds	Aquila chrysaetos	golden eagle	ABNKC22010	None	None	FP WL	-	3812067	PLACERVILLE
Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3812067	PLACERVILLE
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3812067	PLACERVILLE
Animals - Birds	Riparia riparia	bank swallow	ABPAU08010	None	Threatened	-	-	3812067	PLACERVILLE
Animals - Fish	Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	AFCHA0209K	Threatened	None	-	-	3812067	PLACERVILLE
Animals - Insects	Bombus pensylvanicus	American bumble bee	IIHYM24260	None	None	-	-	3812067	PLACERVILLE
Animals - Insects	Cosumnoperla hypocrena	Cosumnes stripetail	IIPLE23020	None	None	-	-	3812067	PLACERVILLE
Animals - Mammals	Erethizon dorsatum	North American porcupine	AMAFJ01010	None	None	-	-	3812067	PLACERVILLE
Animals - Mammals	Pekania pennanti	Fisher	AMAJF01020	None	None	SSC	-	3812067	PLACERVILLE
Animals - Mammals	Lasionycteris noctivagans	silver-haired bat	AMACC02010	None	None	-	-	3812067	PLACERVILLE
Animals - Reptiles	Emys marmorata	western pond turtle	ARAAD02030	None	None	SSC	-	3812067	PLACERVILLE
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3812067	PLACERVILLE

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Community - Aquatic	Central Valley Drainage Hardhead/Squawfish Stream	Central Valley Drainage Hardhead/Squawfish Stream	CARA2443CA	None	None	-	-	3812067	PLACERVILLE
Plants - Vascular	Packera layneae	Laynes ragwort	PDAST8H1V0	Threatened	Rare	-	1B.2	3812067	PLACERVILLE
Plants - Vascular	Viburnum ellipticum	oval-leaved viburnum	PDCPR07080	None	None	-	2B.3	3812067	PLACERVILLE
Plants - Vascular	Hesperocyparis bakeri	Baker cypress	PGCUP04020	None	None	-	4.2	3812067	PLACERVILLE
Plants - Vascular	Arctostaphylos nissenana	Nissenan manzanita	PDERI040V0	None	None	-	1B.2	3812067	PLACERVILLE
Plants - Vascular	Claytonia parviflora ssp. grandiflora	streambank spring beauty	PDPOR030D1	None	None	-	4.2	3812067	PLACERVILLE
Plants - Vascular	Clarkia biloba ssp. brandegeae	Brandegees clarkia	PDONA05053	None	None	-	4.2	3812067	PLACERVILLE
Plants - Vascular	Eriogonum tripodum	tripod buckwheat	PDPGN085Y0	None	None	-	4.2	3812067	PLACERVILLE
Plants - Vascular	Horkelia parryi	Parrys horkelia	PDROS0W0C0	None	None	-	1B.2	3812067	PLACERVILLE

***California Department of Fish and Wildlife (CDFW)
Categorical Clearance Statement***



California Department of
Fish and Wildlife

[Home \(/\)](#) :: [Conservation \(https://www.wildlife.ca.gov/Conservation\)](https://www.wildlife.ca.gov/Conservation) :: [CEQA \(https://www.wildlife.ca.gov/Conservation/CEQA\)](https://www.wildlife.ca.gov/Conservation/CEQA) :: [Federal Review \(#\)](#)

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Federal CEQA Project Review

Federal actions are subject to the National Environmental Policy Act (see summary below). When a project is subject to both CEQA and NEPA, State and local agencies are encouraged to cooperate with federal agencies, to the fullest extent possible, through such measures as joint planning, research, hearings, and preparation of environmental documents (CEQA Guidelines, Sections 15220-15229).

- [Scope of Federal Project Review \(https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Scope\)](https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Scope)
- [Federal Land Use Plan Review Procedures \(https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Federal\)](https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Federal)
- [Army Corps of Engineers Permit Review \(https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Army\)](https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Army)
- [Small Water Reclamation Project Review \(https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Small\)](https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#Small)
- [Summary of the National Environmental Policy Act \(https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#NEPA\)](https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review/#NEPA)

Scope of Federal Project Review

Many federal agencies plan projects and activities that have the potential to adversely impact the sensitive resources of the State. Federal agencies have proposed or constructed projects and carried out activities that have impacted the State's fish and wildlife resources. Future planning by these same agencies have the potential to further impact the State's fish and wildlife populations and habitats. The following list of federal agencies and their typical projects and activities is provided as an example of the kinds of plans the Department must be aware of and ready to seek appropriate mitigation for any impacts to fish and wildlife resources:

- U.S. Forest Service- Timber harvesting, road building, and grazing of public lands.
- U.S. Bureau of Land Management- Grazing, mining, and timber harvesting.
- U.S. Bureau of Reclamation- Dam construction, other water-related projects.
- U.S. Army Corps of Engineers- River bank protection and other water-related projects.
- U.S. Department of Defense- Various projects and military operations.
- U.S. Department of Agriculture- Pesticide applications and farming.
- U.S. Soil Conservation Service- Various farming-related programs.
- U.S. Fish and Wildlife Service (USFWS)- Various refuge management programs.
- Finally, not all plans developed by the above agencies result in projects or activities that have adverse impacts to fish and wildlife. For example, the USFWS prepares recovery plans for certain threatened and endangered species. The Department may review these plans to offer comments and recommendations designed to further the recovery efforts proposed in such plans.

Federal Land Use Plan Review Procedures

Projects planned on federal lands occurring within the State may have impacts to fish and wildlife resources. Federally sponsored and financed projects involving a State or local agency and a federal agency are subject to both NEPA and CEQA review. The various plans and equivalent documents that contain federally sponsored projects and activities are reviewed by the Department for their potential to adversely impact the State's fish, wildlife, and other sensitive resources. Regional and headquarters staffs conduct the

review and respond with comments directly to the federal agency producing the draft planning document. Depending on the type or significance of the federal plan, either the appropriate Regional Manager or the Director may be the signatory for the Department on such comments.

Army Corps of Engineer Permit Project Review Procedures

Under the authority of the River and Harbor Act of 1899 and the Federal Water Pollution Control Act (PL 92-500), as amended by PL 95-217, the U.S. Army Corps of Engineers (Corps), in its civil regulatory function, distributes "public notices" to interested agencies concerning public or private civil projects which may affect "navigable waters of the United States". The Corps has broad authority for regulatory jurisdiction on 'navigable' waters in California, including many waters not normally viewed as navigable. Regions should contact the Corps and HCPB for guidance on questions about regulatory jurisdiction for dredge and fill activities and information useful in crafting appropriate mitigation measures.

The following procedures have been adopted to govern the processing of the Corps' public notices, relevant to fish and wildlife:

1. Regions receive "public notices" and "letters of permission" directly from the Corps. The regions should contact the Corps or the sponsoring agency concerning details of the project, or to request an extension of the comment period.
2. When the regions provide substantive comments, there should be a field inspection first, unless the area is well known to Department staff involved. Subsequent comments consistent with the Department's position may be sent directly from the affected region to the federal agency. Headquarters staff may be of assistance in developing comments involving certain sensitive resources that they may be tracking or for which they have extensive data base information available.
3. Regions shall ensure that proper coordination on public notices is in affect with the USFWS, National Marine Fisheries Service (NMFS), and other appropriate agencies. Regions should work closely with Corps staff, applicant, USFWS, project sponsors, and other agencies to resolve any conflicts concerning fish and wildlife resources.
4. Should the applicant and the agencies responsible for the protection of fish and wildlife fail to resolve the problem, the case may be elevated for consideration by the executive level of Department.
5. Notices and correspondence concerning projects requiring action shall be retained as permanent records. Those not requiring action may be discarded or recycled after one year.

Federal Small Water Reclamation Project Review Procedures

Public laws 984 and 566 were enacted by Congress to promote and facilitate the construction of small reclamation projects. However, federal budget restrictions and administrative policies have greatly reduced activities under these programs.

Applications for federal construction loans or grants may be submitted by State agencies or political subdivisions, irrigation districts, and water user associations. Private companies or individuals are not eligible to submit applications for small reclamation projects .

Federal laws require applicants to consult with the USFWS and the Department during the project planning to ensure the protection of the fish and wildlife resources within the planned project area. The applicant must reach agreement with the BOR and the USFWS on the project's operation to ensure that any benefits to fish and wildlife are realized.

The responsibility of the Department is to review these projects for possible detrimental effects on fish and wildlife and to ensure that existing fish and wildlife resources are protected. Recommendations for appropriate protection, mitigation, compensation, enhancement, or combinations of these also may be required.

The regions have the primary responsibility for reviewing applications and project plans, consulting and negotiating with the project sponsors, local organizations, and other interested State and federal agencies, and transmitting comments and recommendations. Regional staffs are encouraged to be aware of the possibilities under these programs and to cooperate and work with landowners and local organizations even before official notice of a project has been received.

Summary of the National Environmental Policy Act (NEPA)

(42 U.S.C. 4321 et seq., amended)

The purposes of this Act are: To declare a national policy which will encourage productive and enjoyable harmony between man and his environment; to promote efforts which will prevent or eliminate damage to the environment and biosphere and stimulate the health and welfare of man; to enrich the understanding of the ecological systems and natural resources important to the Nation; and to establish a Council on Environmental Quality.

Information on the [National Environmental Policy Act \(http://ceq.hss.doe.gov/nepa/nepanet.htm\)](http://ceq.hss.doe.gov/nepa/nepanet.htm)

Contact CDFW's CEQA Program: CEQA@wildlife.ca.gov (mailto:CEQA@wildlife.ca.gov)

NOTE: CDFW staff cannot make decisions or intercede on CEQA projects under the jurisdiction of another lead agency. Please address project-specific comments to the project's lead agency.

[Habitat Conservation Planning Branch \(https://www.wildlife.ca.gov/Explore/Organization/HCPB\)](https://www.wildlife.ca.gov/Explore/Organization/HCPB)

1416 Ninth Street, 12th Floor, Sacramento, CA 95814

(916) 653-4875



CEQA Review

[The California Environmental Quality Act \(https://www.wildlife.ca.gov/Conservation/CEQA/Purpose\)](https://www.wildlife.ca.gov/Conservation/CEQA/Purpose)

[External CEQA Project Review Procedures \(https://www.wildlife.ca.gov/Conservation/CEQA/External-Review\)](https://www.wildlife.ca.gov/Conservation/CEQA/External-Review)

[CEQA Filing Fees \(https://www.wildlife.ca.gov/Conservation/CEQA/Fees\)](https://www.wildlife.ca.gov/Conservation/CEQA/Fees)

[Process for No Effect Determinations \(https://www.wildlife.ca.gov/Conservation/CEQA/NED\)](https://www.wildlife.ca.gov/Conservation/CEQA/NED)

[Federal Project Review \(https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review\)](https://www.wildlife.ca.gov/Conservation/CEQA/Federal-Review)

CUP23-0004 Pleasant Valley Monopine

Exhibit H Attachments 1-9

[CDFW's Internal CEQA Procedures \(https://www.wildlife.ca.gov/Conservation/CEQA/Procedures\)](https://www.wildlife.ca.gov/Conservation/CEQA/Procedures)

[Other Types of CEQA Project Reviews \(https://www.wildlife.ca.gov/Conservation/CEQA/Other\)](https://www.wildlife.ca.gov/Conservation/CEQA/Other)

Related Links

- [2016 CEQA Statutes and Guidelines \(PDF\) \(https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=117044&inline\)](https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=117044&inline)
- [CEQA FAQ \(PDF\) \(https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=4009&inline\)](https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=4009&inline)
- [CEQA Public Notices \(https://www.wildlife.ca.gov/Notices\)](https://www.wildlife.ca.gov/Notices)
- [SB 1535 \(PDF\) \(https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=76455&inline\)](https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=76455&inline) Changes in filing fees
- [Fish and Game Code Section 711.4 and Section 713 \(https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=71768&inline\)](https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=71768&inline) Legal information on filing fees

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***2013 U.S. Fish and Wildlife Service (USFWS) Revised
Voluntary Guidelines for Communication Tower Design,
Siting, Construction, Operation, Retrofitting, and
Decommissioning***

2013 U.S. Fish and Wildlife Service (USFWS) Revised Voluntary Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning –

Suggestions Based on Previous USFWS Recommendations to FCC Regarding WT Docket No. 03-187, FCC 06-164, Notice of Proposed Rulemaking, "Effects of Communication Towers on Migratory Birds" (2007), Docket No. 08-61, FCC's Antenna Structure Registration Program (2011), Service 2012 Wind Energy Guidelines, and Service 2013 Eagle Conservation Plan Guidance

Submitted by:

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Last updated: September 27, 2013

[Comm Tower 2013 Revised Guidance-to FCC-AMM.docx]

1. Collocation of the communications equipment on an existing communication tower or other structure (e.g., billboard, water and transmission tower, distribution pole, or building mount) is strongly recommended. Depending on tower load factors and communication needs, from 6 to 10 providers should collocate on an existing tower or structure provided that frequencies do not overlap/"bleed" or where frequency length or broadcast distance requires higher towers. New towers should be designed structurally and electronically to accommodate the applicant's antenna, and antennas of at least 2 additional users – ideally 6 to 10 additional users, if possible – unless the design would require the addition of lights and/or guy wires to an otherwise unlit and/or unguyed tower. This recommendation is intended to reduce the number of towers needed in the future.

2. If collocation is not feasible and a new tower or towers are to be constructed, it is strongly recommended that the new tower(s) should be not more than 199 feet above ground level (AGL), and that construction techniques should not require guy wires. Such towers should be unlighted if Federal Aviation Administration (FAA) regulations and lighting standards (FAA 2007, Patterson 2012, FAA 2013 lighting circular anticipated update) permit. Additionally, the Federal Communications Commission (FCC) through recent rulemaking now requires that new towers \geq 450 ft AGL contain no red-steady lights. FCC also recommends that new towers 350-450 ft AGL also contain no red-steady lights, and they will eventually recommend that new towers $<$ 350 ft AGL convert non-flashing lights to flash with existing flashing lights. LED lights are being suggested as replacements for all new construction and for retrofits, with the intent of future synchronizing the flashes. Given these dynamics, the Service recommends using lattice tower or monopole structures for all towers $<$ 200 ft AGL and for taller towers where feasible. The Service considers the less than 200 ft AGL option the "gold standard" and suggests that this

is the environmentally preferred industry standard for tower placement, construction and operation – i.e., towers that are unlit, unguyed, monopole or lattice, and less than 200 ft AGL.

3. If constructing multiple towers, the cumulative impacts of all the towers to migratory birds – especially to Birds of Conservation Concern (FWS 2008) and threatened and endangered species, as well as the impacts of each individual tower, should be considered during the development of a project.

4. The topography of the proposed tower site and surrounding habitat should be clearly noted, especially in regard to surrounding hills, mountains, mountain passes, ridge lines, rivers, lakes, wetlands, and other habitat types used by raptors, Birds of Conservation Concern, and state and federally listed species, and other birds of concern. Active raptor nests, especially those of Bald and Golden Eagles, should be noted, including known or suspected distances from proposed tower sites to nest locations. Nest site locations for Golden Eagles may vary between years, and unoccupied, inactive nests and nest sites may be re-occupied over multiple years. The Service's 2013 Eagle Conservation Plan Guidance, Module 1, Land-based Wind Energy, Version 2, available on our website, is a useful document (USFWS 2013).

5. If at all possible, new towers should be sited within existing "antenna farms" (i.e., clusters of towers), in degraded areas (e.g., strip mines or other heavily industrialized areas), in commercial agricultural lands, in Superfund sites, or other areas where bird habitat is poor or marginal. Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., state of federal refuges, staging areas, rookeries, and Important Bird Areas), in known migratory, daily movement flyways, areas of breeding concentration, in habitat of threatened or endangered species, or key habitats for Birds of Conservation Concern (FWS 2008). Disturbance can result in effects to bird populations which may cumulatively affect their survival. The Service has recommended some disturbance-free buffers, e.g., 0.5 mi around raptor nests during the nesting season, and 1-mi disturbance free buffers for Ferruginous Hawks and Bald Eagles during nesting season in Wyoming (FWS WY Ecological Services Field Office, referenced in Manville 2007:23). The effects of towers on "prairie grouse," "sage grouse," and grassland and shrub-steppe bird species should also be considered since tall structures have been shown to result in abandonment of nest site areas and leks, especially for "prairie grouse" (Manville 2004). The issue of buffers is currently under review, especially for Bald and Golden Eagles. Additionally, towers should not be sited in areas with a high incidence of fog, mist, and low cloud ceilings.

6. If taller (> 199 ft AGL) towers requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white strobe or red strobe lights (red preferable since it is generally less displeasing to the human eye at night), or red flashing incandescent lights should be used at night, and these should be the minimum number, minimum intensity (< 2,000 candela), and minimum number of flashes per minute (i.e., longest duration between flashes/"dark phase") allowable by the FAA. The use of solid (non-flashing) warning lights at night should be avoided (Patterson 2012, Gehring et al. 2009) – see recommendation #2 above. Current research indicates that solid red lights attract night-migrating birds at a much higher rate than flashing lights (Gehring et al. 2009, Manville 2007, 2009). Recent research

indicates that use of white strobe, red strobe, or red flashing lights alone provides significant reductions in bird fatalities (Patterson 2012, Gehring et al. 2009).

7. Tower designs using guy wires for support, which are proposed to be located in known raptor or waterbird concentrations areas, daily movement routes, major diurnal migratory bird movement routes, staging areas, or stopover sites, should have daytime visual markers or bird deterrent devices installed on the wires to prevent collisions by these diurnally moving species. The efficacy of bird deterrents on guy wires to alert night migrating species has yet to be scientifically validated. For guidance on markers, see Avian Power Line Interaction Committee (APLIC). 2006. *Suggested Practices for Avian Protection on Power Lines -- State of the Art in 2006*. Edison Electric Institute, APLIC, and the California Energy Commission. Washington, DC, and Sacramento, CA. 207 pp, and APLIC. 2012. *Reducing Avian Collisions with Power Lines -- the State of the Art in 2012*. Edison Electric Institute and APLIC. Washington, DC. 159 pp. Also see www.aplic.org, www.energy.ca.gov, or call 202-508-5000.

8. Towers and appendant facilities should be designed, sited, and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint." However, a larger tower footprint is preferable to the use of guy wires in construction. Several shorter, un-guyed towers are preferable to one, tall guyed, lighted tower. Road access and fencing should be minimized to reduce or prevent habitat fragmentation, disturbance, and the creation of barriers, and to reduce above ground obstacles to birds in flight.

9. If, prior to tower design, siting and construction, if it has been determined that a significant number of breeding, feeding and roosting birds, especially of Birds of Conservation Concern (FWS 2008), state or federally-listed bird species, and eagles are known to habitually use the proposed tower construction area, relocation to an alternate site is highly recommended. If this is not an option, seasonal restrictions on construction are advised in order to avoid disturbance, site and nest abandonment, especially during breeding, rearing and other periods of high bird activity.

10. Security lighting for on-ground facilities, equipment and infrastructure should be motion- or heat-sensitive, down-shielded, and of a minimum intensity to reduce nighttime bird attraction and eliminate constant nighttime illumination, but still allow safe nighttime access to the site (USFWS 2012, Manville 2011).

11. Representatives from the USFWS or researchers from the Research Subcommittee of the Communication Tower Working Group should be allowed access to the site to evaluate bird use; conduct dead-bird searches; place above ground net catchments below the towers (Manville 2002); and to perform studies using radar, Global Position System, infrared, thermal imagery, and acoustical monitoring, as necessary. This will allow for assessment and verification of bird movements, site use, avoidance, and mortality. The goal is to acquire information on the impacts of various tower types, sizes, configurations and lighting protocols.

12. Towers no longer in use, not re-licensed by the FCC for use, or determined to be obsolete should be removed from the site within 12 months of cessation of use, preferably sooner.

13. In order to obtain information on the usefulness of these guidelines in preventing bird strikes and better understanding impacts from habitat fragmentation, please advise USFWS personnel of the final location and specifications of the proposed tower, and which measures recommended in these guidelines were implemented. If any of these recommended measures cannot be implemented, please explain why they are not feasible. This will further advise USFWS in identifying any recurring problems with the implementation of the guidelines, which may necessitate future modifications.

Reference Sources:

Federal Aviation Administration. 2007. Obstruction marking and lighting. Advisory Circular AC 70/7460-1K. U.S. Department of Transportation.

Gehring, J., P. Kerlinger, and A.M. Manville, II. 2009. Communication towers, lights and birds: successful methods of reducing the frequency of avian collisions. *Ecological Applications* 19(2): 505-514. Ecological Society of America.

Gehring, J., P. Kerlinger, and A.M. Manville, II. 2011. The role of tower height and guy wires on avian collisions with communication towers. *Journal of Wildlife Management* 75(4): 848-855. The Wildlife Society.

Manville, A.M., II. 2002. Protocol for monitoring the impact of cellular telecommunication towers on migratory birds within the Coconino, Prescott, and Kaibab National Forests, Arizona. Protocol requested by U.S. Forest Service. 9 pp.

Manville, A.M., II. 2004. Prairie grouse leks and wind turbines: U.S. Fish and Wildlife Service justification for a 5-mile buffer from leks; additional grassland songbird recommendations. Division of Migratory Bird Management, USFWS, Arlington, VA, peer-reviewed briefing paper. 17 pp.

Manville, A.M., II. 2007. Comments of the U.S. Fish and Wildlife Service Submitted Electronically to the FCC on 47 CFR Parts 1 and 17, WT Docket No. 03-187, FCC 06-164, Notice of Proposed Rulemaking, "Effects of Communication Towers on Migratory Birds." February 2, 2007. 32 pp.

Manville, A.M., II. 2009. Towers, turbines, power lines, and buildings – steps being taken by the U.S. Fish and Wildlife Service to avoid or minimize take of migratory birds at these structures. Pages 262-272 *In* T.D. Rich, C. Arizmendi, D. Demarest, and C. Thompson (eds.). *Tundra to Tropics: Connecting Habitats and People*. Proceedings 4th International Partners in Flight Conference, McAllen, TX.

Manville, A.M., II. 2011. Comments of the U.S. Fish and Wildlife Service's Division of Migratory Bird Management Filed Electronically on WT Docket No. 08-61 and WT Docket No. 03-187, Regarding the Environmental Effects of the Federal Communication's Antenna Structure Registration Program. January 14, 2011. 12 pp.

Patterson, J.T., Jr. 2012. Evaluation of new obstruction lighting techniques to reduce avian fatalities. DOT/FAA/TC-TN12/9, Federal Aviation Administration, U.S. Department of Transportation. 28 pp, plus appendices.

U.S. Fish and Wildlife Service. 2000. Service Guidance on the Siting, Construction, Operation, and Decommissioning of Communication Towers. September 14, 2000.
<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

U.S. Fish and Wildlife Service. 2008. Birds of Conservation Concern 2008. United States Department of Interior, Fish and Wildlife Service, Division of Migratory Bird Management, Arlington, VA. 85 pp. <http://www.fws.gov/migratorybirds/>>

U.S. Fish and Wildlife Service. 2012. U.S. Fish and Wildlife Service Land-Based Wind Energy Guidelines. March, 82 pp.

U.S. Fish and Wildlife Service. 2013. Eagle Conservation Plan Guidance, Module 1, Land-based Wind Energy, Version 2. Division of Migratory Bird Management. April, 103 pp.

Migratory Bird Treaty Act of 1918

Digest of Federal Resource Laws of Interest to the U.S. Fish and Wildlife Service

Migratory Bird Treaty Act of 1918

[Migratory Bird Treaty Act of 1918](#) (16 U.S.C. 703-712; Ch. 128; July 13, 1918; 40 Stat. 755) as amended by: Chapter 634; June 20, 1936; 49 Stat. 1556; P.L. 86-732; September 8, 1960; 74 Stat. 866; P.L. 90-578; October 17, 1968; 82 Stat. 1118; P.L. 91-135; December 5, 1969; 83 Stat. 282; P.L. 93-300; June 1, 1974; 88 Stat. 190; P.L. 95-616; November 8, 1978; 92 Stat. 3111; P.L. 99-645; November 10, 1986; 100 Stat. 3590 and P.L. 105-312; October 30, 1998; 112 Stat. 2956

The original 1918 statute implemented the 1916 Convention between the U.S. and Great Britain (for Canada) for the protection of migratory birds. Later amendments implemented treaties between the U.S. and Mexico, the U.S. and Japan, and the U.S. and the Soviet Union (now Russia).

Specific provisions in the statute include:

- Establishment of a Federal prohibition, unless permitted by regulations, to "pursue, hunt, take, capture, kill, attempt to take, capture or kill, possess, offer for sale, sell, offer to purchase, purchase, deliver for shipment, ship, cause to be shipped, deliver for transportation, transport, cause to be transported, carry, or cause to be carried by any means whatever, receive for shipment, transportation or carriage, or export, at any time, or in any manner, any migratory bird, included in the terms of this Convention . . . for the protection of migratory birds . . . or any part, nest, or egg of any such bird." (16 U.S.C. 703)

This prohibition applies to birds included in the respective international conventions between the U.S. and Great Britain, the U.S. and Mexico, the U.S. and Japan, and the U.S. and the Russia.

- Authority for the Secretary of the Interior to determine, periodically, when, consistent with the Conventions, "hunting, taking, capture, killing, possession, sale, purchase, shipment, transportation, carriage, or export of any . . . bird, or any part, nest or egg" could be undertaken and to adopt regulations for this purpose. These determinations are to be made based on "due regard to the zones of temperature and to the distribution, abundance, economic value, breeding habits, and times of migratory flight." (16 U.S.C. 704)
- A decree that domestic interstate and international transportation of migratory birds which are taken in violation of this law is unlawful, as well as importation of any migratory birds which are taken in violation of Canadian laws. (16 U.S.C. 705)
- Authority for Interior officials to enforce the provisions of this law, including seizure of birds illegally taken which can be forfeited to the U.S. and disposed of as directed by the courts. (16 U.S.C. 706)
- Establishment of fines for violation of this law, including misdemeanor charges. (16 U.S.C. 707)
- Authority for States to enact and implement laws or regulations to allow for greater protection of migratory birds, provided that such laws are consistent with the respective Conventions and that open seasons do not extend beyond those established at the national level. (16 U.S.C. 708)

- A repeal of all laws inconsistent with the provisions of this Act. (16 U.S.C. 710)
- Authority for the continued breeding and sale of migratory game birds on farms and preserves for the purpose of increasing the food supply. (16 U.S.C. 711)

The 1936 statute implemented the Convention between the U.S. and Mexico for the Protection of Migratory Birds and Game Mammals. Migratory bird import and export restrictions between Mexico and the U.S. were also authorized, and in issuing any regulations to implement this section, the Secretary of Agriculture was required to consider U.S. laws forbidding importation of certain mammals injurious to agricultural and horticultural interests. Monies for the Secretary of Agriculture to implement these provisions were also authorized.

The 1960 statute (P.L. 86-732) amended the MBTA by altering earlier penalty provisions. The new provisions stipulated that violations of this Act would constitute a misdemeanor and conviction would result in a fine of not more than \$500 or imprisonment of not more than six months. Activities aimed at selling migratory birds in violation of this law would be subject to fine of not more than \$2000 and imprisonment could not exceed two years. Guilty offenses would constitute a felony. Equipment used for sale purchases was authorized to be seized and held, by the Secretary of the Interior, pending prosecution, and, upon conviction, be treated as a penalty.

Section 10 of the 1969 amendments to the Lacey Act (P.L. 91-135) repealed the provisions of the MBTA prohibiting the shipment of wild game mammals or parts to and from the U.S. or Mexico unless permitted by the Secretary of the Interior. The definition of "wildlife" under these amendments does not include migratory birds, however, which are protected under the MBTA.

The 1974 statute (P.L. 93-300) amended the MBTA to include the provisions of the 1972 Convention between the U.S. and Japan for the Protection of Migratory Birds and Birds in Danger of Extinction. This law also amended the title of the MBTA to read: "An Act to give effect to the conventions between the U.S. and other nations for the protection of migratory birds, birds in danger of extinction, game mammals, and their environment."

Section 3(h) of the Fish and Wildlife Improvement Act of 1978 (P.L. 95-616) amended the MBTA to authorize forfeiture to the U.S. of birds and their parts illegally taken, for disposal by the Secretary of the Interior as he deems appropriate. These amendments also authorized the Secretary to issue regulations to permit Alaskan natives to take migratory birds for their subsistence needs during established seasons. The Secretary was required to consider the related migratory bird conventions with Great Britain, Mexico, Japan, and the Soviet Union in establishing these regulations and to establish seasons to provide for the preservation and maintenance of migratory bird stocks.

Public Law 95-616 also ratified a treaty with the Soviet Union specifying that both nations will take measures to protect identified ecosystems of special importance to migratory birds against pollution, detrimental alterations, and other environmental degradations. (See entry for the Convention Between the United States of America and the Union of Soviet Socialist Republics Concerning the Conservation of Migratory Birds and Their Environment; T.I.A.S. 9073; signed on November 19, 1976, and approved by the Senate on July 12, 1978; 92 Stat. 3110.)

Public Law 99-645, the 1986 Emergency Wetlands Resources Act, amended the Act to require that felony violations under the MBTA must be "knowingly" committed.

P.L. 105-312, Migratory Bird Treaty Reform Act of 1998, amended the law to make it unlawful to take migratory game birds by the aid of bait if the person knows or reasonably should know that the area is

baited. This provision eliminates the "strict liability" standard that was used to enforce Federal baiting regulations and replaces it with a "know or should have known" standard. These amendments also make it unlawful to place or direct the placement of bait on or adjacent to an area for the purpose of taking or attempting to take migratory game birds, and makes these violations punishable under title 18 United States Code, (with fines up to \$100,000 for individuals and \$200,000 for organizations), imprisonment for not more than 1 year, or both. The new amendments require the Secretary of Interior to submit to the Senate Committee on Environment and Public Works and the House Committee on Resources a report analyzing the effect of these amendments and the practice of baiting on migratory bird conservation and law enforcement. The report to Congress is due no later than five years after enactment of the new law.

P.L. 105-312 also amends the law to allow the fine for misdemeanor convictions under the Migratory Bird Treaty Act to be up to \$15,000 rather than \$5000.

[Return to Resource Laws](#)

***2007 U.S. Fish and Wildlife Service (USFWS) National
Bald Eagle Guidelines***

NATIONAL BALD EAGLE MANAGEMENT GUIDELINES

U.S. Fish and Wildlife Service

May 2007

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INTRODUCTION

The bald eagle (*Haliaeetus leucocephalus*) is protected by the Bald and Golden Eagle Protection Act (Eagle Act) and the Migratory Bird Treaty Act (MBTA). The MBTA and the Eagle Act protect bald eagles from a variety of harmful actions and impacts. The U.S. Fish and Wildlife Service (Service) developed these National Bald Eagle Management Guidelines to advise landowners, land managers, and others who share public and private lands with bald eagles when and under what circumstances the protective provisions of the Eagle Act may apply to their activities. A variety of human activities can potentially interfere with bald eagles, affecting their ability to forage, nest, roost, breed, or raise young. The Guidelines are intended to help people minimize such impacts to bald eagles, particularly where they may constitute “disturbance,” which is prohibited by the Eagle Act.

The Guidelines are intended to:

- (1) Publicize the provisions of the Eagle Act that continue to protect bald eagles, in order to reduce the possibility that people will violate the law,
- (2) Advise landowners, land managers and the general public of the potential for various human activities to disturb bald eagles, and
- (3) Encourage additional nonbinding land management practices that benefit bald eagles (see Additional Recommendations section).

While the Guidelines include general recommendations for land management practices that will benefit bald eagles, the document is intended primarily as a tool for landowners and planners who seek information and recommendations regarding how to avoid disturbing bald eagles. Many States and some tribal entities have developed state-specific management plans, regulations, and/or guidance for landowners and land managers to protect and enhance bald eagle habitat, and we encourage the continued development and use of these planning tools to benefit bald eagles.

Adherence to the Guidelines herein will benefit individuals, agencies, organizations, and companies by helping them avoid violations of the law. However, the Guidelines themselves are not law. Rather, they are recommendations based on several decades of behavioral observations, science, and conservation measures to avoid or minimize adverse impacts to bald eagles.

The U.S. Fish and Wildlife Service strongly encourages adherence to these guidelines to ensure that bald and golden eagle populations will continue to be sustained. The Service realizes there may be impacts to some birds even if all reasonable measures are taken to avoid such impacts. Although it is not possible to absolve individuals and entities from liability under the Eagle Act or the MBTA, the Service exercises enforcement discretion to focus on those individuals, companies, or agencies that take migratory birds without regard for the consequences of their actions and the law, especially when conservation measures, such as these Guidelines, are available, but have not been implemented. The Service will prioritize its enforcement efforts to focus on those individuals or entities who take bald eagles or their parts, eggs, or nests without implementing appropriate measures recommended by the Guidelines.

The Service intends to pursue the development of regulations that would authorize, under limited circumstances, the use of permits if “take” of an eagle is anticipated but unavoidable. Additionally, if the bald eagle is delisted, the Service intends to provide a regulatory mechanism to honor existing (take) authorizations under the Endangered Species Act (ESA).

During the interim period until the Service completes a rulemaking for permits under the Eagle Act, the Service does not intend to refer for prosecution the incidental “take” of any bald eagle under the MBTA or Eagle Act, if such take is in full compliance with the terms and conditions of an incidental take statement issued to the action agency or applicant under the authority of section 7(b)(4) of the ESA or a permit issued under the authority of section 10(a)(1)(B) of the ESA.

The Guidelines are applicable throughout the United States, including Alaska. The primary purpose of these Guidelines is to provide information that will minimize or prevent violations only of *Federal* laws governing bald eagles. In addition to Federal laws, many states and some smaller jurisdictions and tribes have additional laws and regulations protecting bald eagles. In some cases those laws and regulations may be more protective (restrictive) than these Federal guidelines. If you are planning activities that may affect bald eagles, we therefore recommend that you contact both your nearest U.S. Fish and Wildlife Service Field Office (see the contact information on p.16) and your state wildlife agency for assistance.

LEGAL PROTECTIONS FOR THE BALD EAGLE

The Bald and Golden Eagle Protection Act

The Eagle Act (16 U.S.C. 668-668c), enacted in 1940, and amended several times since then, prohibits anyone, without a permit issued by the Secretary of the Interior, from “taking” bald eagles, including their parts, nests, or eggs. The Act provides criminal and civil penalties for persons who “take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or egg thereof.” The Act defines “take” as “pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb.” “Disturb” means:

"Disturb means to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior."

In addition to immediate impacts, this definition also covers impacts that result from human-induced alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagle=s return, such alterations agitate or bother an eagle to a degree that injures an eagle or substantially interferes with normal breeding, feeding, or sheltering habits and causes, or is likely to cause, a loss of productivity or nest abandonment.

A violation of the Act can result in a criminal fine of \$100,000 (\$200,000 for organizations), imprisonment for one year, or both, for a first offense. Penalties increase substantially for additional offenses, and a second violation of this Act is a felony.

The Migratory Bird Treaty Act

The MBTA (16 U.S.C. 703-712), prohibits the taking of any migratory bird or any part, nest, or egg, except as permitted by regulation. The MBTA was enacted in 1918; a 1972 agreement supplementing one of the bilateral treaties underlying the MBTA had the effect of expanding the scope of the Act to cover bald eagles and other raptors. Implementing regulations define “take” under the MBTA as “pursue, hunt, shoot, wound, kill, trap, capture, possess, or collect.”

Copies of the Eagle Act and the MBTA are available at: <http://permits.fws.gov/ltr/ltr.shtml>.

State laws and regulations

Most states have their own regulations and/or guidelines for bald eagle management. Some states may continue to list the bald eagle as endangered, threatened, or of special concern. If you plan activities that may affect bald eagles, we urge you to familiarize yourself with the regulations and/or guidelines that apply to bald eagles in your state. Your adherence to the Guidelines herein does not ensure that you are in compliance with state laws and regulations because state regulations can be more specific and/or restrictive than these Guidelines.

NATURAL HISTORY OF THE BALD EAGLE

Bald eagles are a North American species that historically occurred throughout the contiguous United States and Alaska. After severely declining in the lower 48 States between the 1870s and the 1970s, bald eagles have rebounded and re-established breeding territories in each of the lower 48 states. The largest North American breeding populations are in Alaska and Canada, but there are also significant bald eagle populations in Florida, the Pacific Northwest, the Greater Yellowstone area, the Great Lakes states, and the Chesapeake Bay region. Bald eagle distribution varies seasonally. Bald eagles that nest in southern latitudes frequently move northward in late spring and early summer, often summering as far north as Canada. Most eagles that breed at northern latitudes migrate southward during winter, or to coastal areas where waters remain unfrozen. Migrants frequently concentrate in large numbers at sites where food is abundant and they often roost together communally. In some cases, concentration areas are used year-round: in summer by southern eagles and in winter by northern eagles.

Juvenile bald eagles have mottled brown and white plumage, gradually acquiring their dark brown body and distinctive white head and tail as they mature. Bald eagles generally attain adult plumage by 5 years of age. Most are capable of breeding at 4 or 5 years of age, but in healthy populations they may not start breeding until much older. Bald eagles may live 15 to 25 years in the wild. Adults weigh 8 to 14 pounds (occasionally reaching 16 pounds in Alaska) and have wingspans of 5 to 8 feet. Those in the northern range are larger than those in the south, and females are larger than males.

Where do bald eagles nest?

Breeding bald eagles occupy “territories,” areas they will typically defend against intrusion by other eagles. In addition to the active nest, a territory may include one or more alternate nests (nests built or maintained by the eagles but not used for nesting in a given year). The Eagle Act prohibits removal or destruction of both active and alternate bald eagle nests. Bald eagles exhibit high nest site fidelity and nesting territories are often used year after year. Some territories are known to have been used continually for over half a century.

Bald eagles generally nest near coastlines, rivers, large lakes or streams that support an adequate food supply. They often nest in mature or old-growth trees; snags (dead trees); cliffs; rock promontories; rarely on the ground; and with increasing frequency on human-made structures such as power poles and communication towers. In forested areas, bald eagles often select the tallest trees with limbs strong enough to support a nest that can weigh more than 1,000 pounds. Nest sites typically include at least one perch with a clear view of the water where the eagles usually forage. Shoreline trees or snags located in reservoirs provide the visibility and accessibility needed to locate aquatic prey. Eagle nests are constructed with large sticks, and may be lined with moss, grass, plant stalks, lichens, seaweed, or sod. Nests are usually about 4-6 feet in diameter and 3 feet deep, although larger nests exist.



Copyright *Birds of North America*, 2000

The range of breeding bald eagles in 2000 (shaded areas). This map shows only the larger concentrations of nests; eagles have continued to expand into additional nesting territories in many states. The dotted line represents the bald eagle’s wintering range.

When do bald eagles nest?

Nesting activity begins several months before egg-laying. Egg-laying dates vary throughout the U.S., ranging from October in Florida, to late April or even early May in the northern United States. Incubation typically lasts 33-35 days, but can be as long as 40 days. Eaglets make their first unsteady flights about 10 to 12 weeks after hatching, and fledge (leave their nests) within a few days after that first flight. However, young birds usually remain in the vicinity of the nest for several weeks after fledging because they are almost completely dependent on their parents for food until they disperse from the nesting territory approximately 6 weeks later.

The bald eagle breeding season tends to be longer in the southern U.S., and re-nesting following an unsuccessful first nesting attempt is more common there as well. The following table shows the timing of bald eagle breeding seasons in different regions of the country. The table represents the range of time within which the majority of nesting activities occur in each region and does not apply to any specific nesting pair. Because the timing of nesting activities may vary within a given region, you should contact the nearest U.S. Fish and Wildlife Service Field Office (see page 16) and/or your state wildlife conservation agency for more specific information on nesting chronology in your area.

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

National Bald Eagle Management Guidelines

May 2007

Chronology of typical reproductive activities of bald eagles in the United States.

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
SOUTHEASTERN U.S. (FL, GA, SC, NC, AL, MS, LA, TN, KY, AR, eastern 2 of TX)											
Nest Building											
		Egg Laying/Incubation									
			Hatching/Rearing Young								
					Fledging Young						
CHESAPEAKE BAY REGION (NC, VA, MD, DE, southern 2 of NJ, eastern 2 of PA, panhandle of WV)											
		Nest Building									
				Egg Laying/Incubation							
					Hatching/Rearing Young						
								Fledging Young			
NORTHERN U.S. (ME, NH, MA, RI, CT, NY, northern 2 of NJ, western 2 of PA, OH, WV exc. panhandle, IN, IL, MI, WI, MN, IA, MO, ND, SD, NB, KS, CO, UT)											
			Nest Building								
					Egg Laying/Incubation						
						Hatching/Rearing Young					
									Fledging Young		
PACIFIC REGION (WA, OR, CA, ID, MT, WY, NV)											
				Nest Building							
					Egg Laying/Incubation						
						Hatching/Rearing Young					
									Fledging Young		
SOUTHWESTERN U.S. (AZ, NM, OK panhandle, western 2 of TX)											
		Nest Building									
				Egg Laying/Incubation							
					Hatching/Rearing Young						
								Fledging Young			
ALASKA											
					Nest Building						
							Egg Laying/Incubation				
								Hatching/Rearing Young			
Ing Young											Fledg-
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.

How many chicks do bald eagles raise?

The number of eagle eggs laid will vary from 1-3, with 1-2 eggs being the most common. Only one eagle egg is laid per day, although not always on successive days. Hatching of young occurs on different days with the result that chicks in the same nest are sometimes of unequal size. The overall national fledging rate is approximately one chick per nest, annually, which results in a healthy expanding population.

What do bald eagles eat?

Bald eagles are opportunistic feeders. Fish comprise much of their diet, but they also eat waterfowl, shorebirds/colonial waterbirds, small mammals, turtles, and carrion. Because they are visual hunters, eagles typically locate their prey from a conspicuous perch, or soaring flight, then swoop down and strike. Wintering bald eagles often congregate in large numbers along streams to feed on spawning salmon or other fish species, and often gather in large numbers in areas below reservoirs, especially hydropower dams, where fish are abundant. Wintering eagles also take birds from rafts of ducks at reservoirs and rivers, and congregate on melting ice shelves to scavenge dead fish from the current or the soft melting ice. Bald eagles will also feed on carcasses along roads, in landfills, and at feedlots.

During the breeding season, adults carry prey to the nest to feed the young. Adults feed their chicks by tearing off pieces of food and holding them to the beaks of the eaglets. After fledging, immature eagles are slow to develop hunting skills, and must learn to locate reliable food sources and master feeding techniques. Young eagles will congregate together, often feeding upon easily acquired food such as carrion and fish found in abundance at the mouths of streams and shallow bays and at landfills.

The impact of human activity on nesting bald eagles

During the breeding season, bald eagles are sensitive to a variety of human activities. However, not all bald eagle pairs react to human activities in the same way. Some pairs nest successfully just dozens of yards from human activity, while others abandon nest sites in response to activities much farther away. This variability may be related to a number of factors, including visibility, duration, noise levels, extent of the area affected by the activity, prior experiences with humans, and tolerance of the individual nesting pair. The relative sensitivity of bald eagles during various stages of the breeding season is outlined in the following table.

Nesting Bald Eagle Sensitivity to Human Activities

Phase	Activity	Sensitivity to Human Activity	Comments
I	Courtship and Nest Building	Most sensitive period; likely to respond negatively	Most critical time period. Disturbance is manifested in nest abandonment. Bald eagles in newly established territories are more prone to abandon nest sites.
II	Egg laying	Very sensitive period	Human activity of even limited duration may cause nest desertion and abandonment of territory for the breeding season.
III	Incubation and early nestling period (up to 4 weeks)	Very sensitive period	Adults are less likely to abandon the nest near and after hatching. However, flushed adults leave eggs and young unattended; eggs are susceptible to cooling, loss of moisture, overheating, and predation; young are vulnerable to elements.
IV	Nestling period, 4 to 8 weeks	Moderately sensitive period	Likelihood of nest abandonment and vulnerability of the nestlings to elements somewhat decreases. However, nestlings may miss feedings, affecting their survival.
V	Nestlings 8 weeks through fledging	Very sensitive period	Gaining flight capability, nestlings 8 weeks and older may flush from the nest prematurely due to disruption and die.

If agitated by human activities, eagles may inadequately construct or repair their nest, may expend energy defending the nest rather than tending to their young, or may abandon the nest altogether. Activities that cause prolonged absences of adults from their nests can jeopardize eggs or young. Depending on weather conditions, eggs may overheat or cool too much and fail to hatch. Unattended eggs and nestlings are subject to predation. Young nestlings are particularly vulnerable because they rely on their parents to provide warmth or shade, without which they may die as a result of hypothermia or heat stress. If food delivery schedules are interrupted, the young may not develop healthy plumage, which can affect their survival. In addition, adults startled while incubating or brooding young may damage eggs or injure their young as they abruptly leave the nest. Older nestlings no longer require constant attention from the adults, but they may be startled by loud or intrusive human activities and prematurely jump from the nest before they are able to fly or care for themselves. Once fledged, juveniles range up to ¼ mile from the nest site, often to a site with minimal human activity. During this period, until about six weeks after departure from the nest, the juveniles still depend on the adults to feed them.

The impact of human activity on foraging and roosting bald eagles

Disruption, destruction, or obstruction of roosting and foraging areas can also negatively affect bald eagles. Disruptive activities in or near eagle foraging areas can interfere with feeding, reducing chances of survival. Interference with feeding can also result in reduced productivity (number of young successfully fledged). Migrating and wintering bald eagles often congregate at specific sites for purposes of feeding and sheltering. Bald eagles rely on established roost sites because of their proximity to sufficient food sources. Roost sites are usually in mature trees where the eagles are somewhat sheltered from the wind and weather. Human activities near or within communal roost sites may prevent eagles

from feeding or taking shelter, especially if there are not other undisturbed and productive feeding and roosting sites available. Activities that permanently alter communal roost sites and important foraging areas can altogether eliminate the elements that are essential for feeding and sheltering eagles.

Where a human activity agitates or bothers roosting or foraging bald eagles to the degree that causes injury or substantially interferes with breeding, feeding, or sheltering behavior and causes, or is likely to cause, a loss of productivity or nest abandonment, the conduct of the activity constitutes a violation of the Eagle Act's prohibition against disturbing eagles. The circumstances that might result in such an outcome are difficult to predict without detailed site-specific information. If your activities may disturb roosting or foraging bald eagles, you should contact your local Fish and Wildlife Service Field Office (see page 16) for advice and recommendations for how to avoid such disturbance.

RECOMMENDATIONS FOR AVOIDING DISTURBANCE AT NEST SITES

In developing these Guidelines, we relied on existing state and regional bald eagle guidelines, scientific literature on bald eagle disturbance, and recommendations of state and Federal biologists who monitor the impacts of human activity on eagles. Despite these resources, uncertainties remain regarding the effects of many activities on eagles and how eagles in different situations may or may not respond to certain human activities. The Service recognizes this uncertainty and views the collection of better biological data on the response of eagles to disturbance as a high priority. To the extent that resources allow, the Service will continue to collect data on responses of bald eagles to human activities conducted according to the recommendations within these Guidelines to ensure that adequate protection from disturbance is being afforded, and to identify circumstances where the Guidelines might be modified. These data will be used to make future adjustments to the Guidelines.

To avoid disturbing nesting bald eagles, we recommend (1) keeping a distance between the activity and the nest (distance buffers), (2) maintaining preferably forested (or natural) areas between the activity and around nest trees (landscape buffers), and (3) avoiding certain activities during the breeding season. The buffer areas serve to minimize visual and auditory impacts associated with human activities near nest sites. Ideally, buffers would be large enough to protect existing nest trees and provide for alternative or replacement nest trees.

The size and shape of effective buffers vary depending on the topography and other ecological characteristics surrounding the nest site. In open areas where there are little or no forested or topographical buffers, such as in many western states, distance alone must serve as the buffer. Consequently, in open areas, the distance between the activity and the nest may need to be larger than the distances recommended under Categories A and B of these guidelines (pg. 12) if no landscape buffers are present. The height of the nest above the ground may also ameliorate effects of human activities; eagles at higher nests may be less prone to disturbance.

In addition to the physical features of the landscape and nest site, the appropriate size for the distance buffer may vary according to the historical tolerances of eagles to human activities in particular localities, and may also depend on the location of the nest in relation

to feeding and roosting areas used by the eagles. Increased competition for nest sites may lead bald eagles to nest closer to human activity (and other eagles).

Seasonal restrictions can prevent the potential impacts of many shorter-term, obtrusive activities that do not entail landscape alterations (e.g. fireworks, outdoor concerts). In proximity to the nest, these kinds of activities should be conducted only outside the breeding season. For activities that entail both short-term, obtrusive characteristics and more permanent impacts (e.g., building construction), we recommend a combination of both approaches: retaining a landscape buffer *and* observing seasonal restrictions.

For assistance in determining the appropriate size and configuration of buffers or the timing of activities in the vicinity of a bald eagle nest, we encourage you to contact the nearest U.S. Fish and Wildlife Service Field Office (see page 16).

Existing Uses

Eagles are unlikely to be disturbed by routine use of roads, homes, and other facilities where such use pre-dates the eagles' successful nesting activity in a given area. Therefore, in most cases *ongoing* existing uses may proceed with the same intensity with little risk of disturbing bald eagles. However, some *intermittent, occasional, or irregular* uses that pre-date eagle nesting in an area may disturb bald eagles. For example: a pair of eagles may begin nesting in an area and subsequently be disturbed by activities associated with an annual outdoor flea market, even though the flea market has been held annually at the same location. In such situations, human activity should be adjusted or relocated to minimize potential impacts on the nesting pair.

ACTIVITY-SPECIFIC GUIDELINES

The following section provides the Service's management recommendations for avoiding bald eagle disturbance as a result of new or intermittent activities proposed in the vicinity of bald eagle nests. Activities are separated into 8 categories (A – H) based on the nature and magnitude of impacts to bald eagles that usually result from the type of activity. Activities with similar or comparable impacts are grouped together.

In most cases, impacts will vary based on the visibility of the activity from the eagle nest and the degree to which similar activities are already occurring in proximity to the nest site. Visibility is a factor because, in general, eagles are more prone to disturbance when an activity occurs in full view. For this reason, we recommend that people locate activities farther from the nest structure in areas with open vistas, in contrast to areas where the view is shielded by rolling topography, trees, or other screening factors. The recommendations also take into account the existence of similar activities in the area because the continued presence of nesting bald eagles in the vicinity of the existing activities indicates that the eagles in that area can tolerate a greater degree of human activity than we can generally expect from eagles in areas that experience fewer human impacts. To illustrate how these factors affect the likelihood of disturbing eagles, we have incorporated the recommendations for some activities into a table (categories A and B).

First, determine which category your activity falls into (between categories A – H). If the activity you plan to undertake is not specifically addressed in these guidelines, follow the recommendations for the most similar activity represented.

If your activity is under A or B, our recommendations are in table form. The vertical axis shows the degree of visibility of the activity from the nest. The horizontal axis (header row) represents the degree to which similar activities are ongoing in the vicinity of the nest. Locate the row that best describes how visible your activity will be from the eagle nest. Then, choose the column that best describes the degree to which similar activities are ongoing in the vicinity of the eagle nest. The box where the column and row come together contains our management recommendations for how far you should locate your activity from the nest to avoid disturbing the eagles. The numerical distances shown in the tables are the closest the activity should be conducted relative to the nest. In some cases we have included additional recommendations (other than recommended *distance* from the nest) you should follow to help ensure that your activity will not disturb the eagles.

Alternate nests

For activities that entail permanent landscape alterations that may result in bald eagle disturbance, these recommendations apply to both active and alternate bald eagle nests. Disturbance becomes an issue with regard to alternate nests if eagles return for breeding purposes and react to land use changes that occurred while the nest was inactive. The likelihood that an alternate nest will again become active decreases the longer it goes unused. If you plan activities in the vicinity of an alternate bald eagle nest and have information to show that the nest has not been active during the preceding 5 breeding seasons, the recommendations provided in these guidelines for avoiding disturbance around the nest site may no longer be warranted. The nest itself remains protected by other provisions of the Eagle Act, however, and may not be destroyed.

If special circumstances exist that make it unlikely an inactive nest will be reused before 5 years of disuse have passed, and you believe that the probability of reuse is low enough to warrant disregarding the recommendations for avoiding disturbance, you should be prepared to provide all the reasons for your conclusion, including information regarding past use of the nest site. Without sufficient documentation, you should continue to follow these guidelines when conducting activities around the nest site. If we are able to determine that it is unlikely the nest will be reused, we may advise you that the recommendations provided in these guidelines for avoiding disturbance are no longer necessary around that nest site.

This guidance is intended to minimize disturbance, as defined by Federal regulation. In addition to Federal laws, most states and some tribes and smaller jurisdictions have additional laws and regulations protecting bald eagles. In some cases those laws and regulations may be more protective (restrictive) than these Federal guidelines.

Temporary Impacts

For activities that have temporary impacts, such as the use of loud machinery, fireworks displays, or summer boating activities, we recommend seasonal restrictions. These types of activities can generally be carried out outside of the breeding season without causing disturbance. The recommended restrictions for these types of activities can be lifted for alternate nests within a particular territory, including nests that were attended during the current breeding season but not used to raise young, after eggs laid in another nest within the territory have hatched (depending on the distance between the alternate nest and the active nest).

In general, activities should be kept as far away from nest trees as possible; loud and disruptive activities should be conducted when eagles are not nesting; and activity between the nest and the nearest foraging area should be minimized. If the activity you plan to undertake is not specifically addressed in these guidelines, follow the recommendations for the most similar activity addressed, or contact your local U.S. Fish and Wildlife Service Field Office for additional guidance.

If you believe that special circumstances apply to your situation that increase or diminish the likelihood of bald eagle disturbance, or if it is not possible to adhere to the guidelines, you should contact your local Service Field Office for further guidance.

Category A:

Building construction, 1 or 2 story, with project footprint of ½ acre or less.
Construction of roads, trails, canals, power lines, and other linear utilities.
Agriculture and aquaculture – new or expanded operations.
Alteration of shorelines or wetlands.
Installation of docks or moorings.
Water impoundment.

Category B:

Building construction, 3 or more stories.
Building construction, 1 or 2 story, with project footprint of more than ½ acre.
Installation or expansion of marinas with a capacity of 6 or more boats.
Mining and associated activities.
Oil and natural gas drilling and refining and associated activities.

	<i>If there is no similar activity within 1 mile of the nest</i>	<i>If there is similar activity closer than 1 mile from the nest</i>
<i>If the activity will be visible from the nest</i>	660 feet. Landscape buffers are recommended.	660 feet, or as close as existing tolerated activity of similar scope. Landscape buffers are recommended.
<i>If the activity will not be visible from the nest</i>	Category A: 330 feet. Clearing, external construction, and landscaping between 330 feet and 660 feet should be done outside breeding season. Category B: 660 feet.	330 feet, or as close as existing tolerated activity of similar scope. Clearing, external construction and landscaping within 660 feet should be done outside breeding season.

The numerical distances shown in the table are the closest the activity should be conducted relative to the nest.

Category C. Timber Operations and Forestry Practices

- Avoid clear cutting or removal of overstory trees within 330 feet of the nest at any time.
- Avoid timber harvesting operations, including road construction and chain saw and yarding operations, during the breeding season within 660 feet of the nest. The distance may be decreased to 330 feet around alternate nests within a particular territory, including nests that were attended during the current breeding season but not used to raise young, after eggs laid in another nest within the territory have hatched.
- Selective thinning and other silviculture management practices designed to conserve or enhance habitat, including prescribed burning close to the nest tree, should be undertaken outside the breeding season. Precautions such as raking leaves and woody debris from around the nest tree should be taken to prevent crown fire or fire climbing the nest tree. If it is determined that a burn during the breeding season would be beneficial, then, to ensure that no take or disturbance will occur, these activities should be conducted only when neither adult eagles nor young are present at the nest tree (i.e., at the beginning of, or end of, the breeding season, either before the particular nest is active or after the young have fledged from that nest). Appropriate Federal and state biologists should be consulted before any prescribed burning is conducted during the breeding season.
- Avoid construction of log transfer facilities and in-water log storage areas within 330 feet of the nest.

Category D. Off-road vehicle use (including snowmobiles). No buffer is necessary around nest sites outside the breeding season. During the breeding season, do not operate off-road vehicles within 330 feet of the nest. In open areas, where there is increased visibility and exposure to noise, this distance should be extended to 660 feet.

Category E. Motorized Watercraft use (including jet skis/personal watercraft). No buffer is necessary around nest sites outside the breeding season. During the breeding season, within 330 feet of the nest, (1) do not operate jet skis (personal watercraft), and (2) avoid concentrations of noisy vessels (e.g., commercial fishing boats and tour boats), except where eagles have demonstrated tolerance for such activity. Other motorized boat traffic passing within 330 feet of the nest should attempt to minimize trips and avoid stopping in the area where feasible, particularly where eagles are unaccustomed to boat traffic. Buffers for airboats should be larger than 330 feet due to the increased noise they generate, combined with their speed, maneuverability, and visibility.

Category F. Non-motorized recreation and human entry (e.g., hiking, camping, fishing, hunting, birdwatching, kayaking, canoeing). No buffer is necessary around nest sites outside the breeding season. If the activity will be visible or highly audible from the nest, maintain a 330-foot buffer during the breeding season, particularly where eagles are unaccustomed to such activity.

Category G. Helicopters and fixed-wing aircraft.

Except for authorized biologists trained in survey techniques, avoid operating aircraft within 1,000 feet of the nest during the breeding season, except where eagles have demonstrated tolerance for such activity.

Category H. Blasting and other loud, intermittent noises.

Avoid blasting and other activities that produce extremely loud noises within 1/2 mile of active nests, unless greater tolerance to the activity (or similar activity) has been demonstrated by the eagles in the nesting area. This recommendation applies to the use of fireworks classified by the Federal Department of Transportation as Class B explosives, which includes the larger fireworks that are intended for licensed public display.

RECOMMENDATIONS FOR AVOIDING DISTURBANCE AT FORAGING AREAS AND COMMUNAL ROOST SITES

1. Minimize potentially disruptive activities and development in the eagles' direct flight path between their nest and roost sites and important foraging areas.
2. Locate long-term and permanent water-dependent facilities, such as boat ramps and marinas, away from important eagle foraging areas.
3. Avoid recreational and commercial boating and fishing near critical eagle foraging areas during peak feeding times (usually early to mid-morning and late afternoon), except where eagles have demonstrated tolerance to such activity.
4. Do not use explosives within 1/2 mile (or within 1 mile in open areas) of communal roosts when eagles are congregating, without prior coordination with the U.S. Fish and Wildlife Service and your state wildlife agency.
5. Locate aircraft corridors no closer than 1,000 feet vertical or horizontal distance from communal roost sites.

ADDITIONAL RECOMMENDATIONS TO BENEFIT BALD EAGLES

The following are additional management practices that landowners and planners can exercise for added benefit to bald eagles.

1. Protect and preserve potential roost and nest sites by retaining mature trees and old growth stands, particularly within ½ mile from water.
2. Where nests are blown from trees during storms or are otherwise destroyed by the elements, continue to protect the site in the absence of the nest for up to three (3) complete breeding seasons. Many eagles will rebuild the nest and reoccupy the site.
3. To avoid collisions, site wind turbines, communication towers, and high voltage transmission power lines away from nests, foraging areas, and communal roost sites.
4. Employ industry-accepted best management practices to prevent birds from colliding with or being electrocuted by utility lines, towers, and poles. If possible, bury utility lines in important eagle areas.
5. Where bald eagles are likely to nest in human-made structures (e.g., cell phone towers) and such use could impede operation or maintenance of the structures or jeopardize the safety of the eagles, equip the structures with either (1) devices engineered to discourage bald eagles from building nests, or (2) nesting platforms that will safely accommodate bald eagle nests without interfering with structure performance.
6. Immediately cover carcasses of euthanized animals at landfills to protect eagles from being poisoned.
7. Do not intentionally feed bald eagles. Artificially feeding bald eagles can disrupt their essential behavioral patterns and put them at increased risk from power lines, collision with windows and cars, and other mortality factors.
8. Use pesticides, herbicides, fertilizers, and other chemicals only in accordance with Federal and state laws.
9. Monitor and minimize dispersal of contaminants associated with hazardous waste sites (legal or illegal), permitted releases, and runoff from agricultural areas, especially within watersheds where eagles have shown poor reproduction or where bioaccumulating contaminants have been documented. These factors present a risk of contamination to eagles and their food sources.

CONTACTS

The following U.S. Fish and Wildlife Service Field Offices provide technical assistance on bald eagle management:

<u>Alabama</u>	Daphne	(251) 441-5181	<u>New Hampshire</u>	Concord	(603) 223-2541
<u>Alaska</u>	Anchorage	(907) 271-2888	<u>New Jersey</u>	Pleasantville	(609) 646-9310
	Fairbanks	(907) 456-0203	<u>New Mexico</u>	Albuquerque	(505) 346-2525
	Juneau	(907) 780-1160	<u>New York</u>	Cortland	(607) 753-9334
<u>Arizona</u>	Phoenix	(602) 242-0210		Long Island	(631) 776-1401
<u>Arkansas</u>	Conway	(501) 513-4470	<u>North Carolina</u>	Raleigh	(919) 856-4520
<u>California</u>	Arcata	(707) 822-7201		Asheville	(828) 258-3939
	Barstow	(760) 255-8852	<u>North Dakota</u>	Bismarck	(701) 250-4481
	Carlsbad	(760) 431-9440	<u>Ohio</u>	Reynoldsburg	(614) 469-6923
	Red Bluff	(530) 527-3043	<u>Oklahoma</u>	Tulsa	(918) 581-7458
	Sacramento	(916) 414-6000	<u>Oregon</u>	Bend	(541) 383-7146
	Stockton	(209) 946-6400		Klamath Falls	(541) 885-8481
	Ventura	(805) 644-1766		La Grande	(541) 962-8584
	Yreka	(530) 842-5763		Newport	(541) 867-4558
<u>Colorado</u>	Lakewood	(303) 275-2370		Portland	(503) 231-6179
	Grand Junction	(970) 243-2778		Roseburg	(541) 957-3474
<u>Connecticut</u>	(See New Hampshire)		<u>Pennsylvania</u>	State College	(814) 234-4090
<u>Delaware</u>	(See Maryland)		<u>Rhode Island</u>	(See New Hampshire)	
<u>Florida</u>	Panama City	(850) 769-0552	<u>South Carolina</u>	Charleston	(843) 727-4707
	Vero Beach	(772) 562-3909	<u>South Dakota</u>	Pierre	(605) 224-8693
	Jacksonville	(904) 232-2580	<u>Tennessee</u>	Cookeville	(931) 528-6481
<u>Georgia</u>	Athens	(706) 613-9493	<u>Texas</u>	Clear Lake	(281) 286-8282
	Brunswick	(912) 265-9336	<u>Utah</u>	West Valley City	(801) 975-3330
	Columbus	(706) 544-6428	<u>Vermont</u>	(See New Hampshire)	
<u>Idaho</u>	Boise	(208) 378-5243	<u>Virginia</u>	Gloucester	(804) 693-6694
	Chubbuck	(208) 237-6975	<u>Washington</u>	Lacey	(306) 753-9440
<u>Illinois/Iowa</u>	Rock Island	(309) 757-5800		Spokane	(509) 891-6839
<u>Indiana</u>	Bloomington	(812) 334-4261		Wenatchee	(509) 665-3508
<u>Kansas</u>	Manhattan	(785) 539-3474	<u>West Virginia</u>	Elkins	(304) 636-6586
<u>Kentucky</u>	Frankfort	(502) 695-0468	<u>Wisconsin</u>	New Franken	(920) 866-1725
<u>Louisiana</u>	Lafayette	(337) 291-3100	<u>Wyoming</u>	Cheyenne	(307) 772-2374
<u>Maine</u>	Old Town	(207) 827-5938		Cody	(307) 578-5939
<u>Maryland</u>	Annapolis	(410) 573-4573			
<u>Massachusetts</u>	(See New Hampshire)				
<u>Michigan</u>	East Lansing	(517) 351-2555			
<u>Minnesota</u>	Bloomington	(612) 725-3548			
<u>Mississippi</u>	Jackson	(601) 965-4900			
<u>Missouri</u>	Columbia	(573) 234-2132			
<u>Montana</u>	Helena	(405) 449-5225			
<u>Nebraska</u>	Grand Island	(308) 382-6468			
<u>Nevada</u>	Las Vegas	(702) 515-5230			
	Reno	(775) 861-6300			

National Office
U.S. Fish and Wildlife Service
Division of Migratory Bird Management
4401 North Fairfax Drive, MBSP-4107
Arlington, VA 22203-1610
(703) 358-1714
<http://www.fws.gov/migratorybirds>

State Agencies

To contact a state wildlife agency, visit the Association of Fish & Wildlife Agencies' website at http://www.fishwildlife.org/where_us.html

GLOSSARY

The definitions below apply to these National Bald Eagle Management Guidelines:

Communal roost sites – Areas where bald eagles gather and perch overnight – and sometimes during the day in the event of inclement weather. Communal roost sites are usually in large trees (live or dead) that are relatively sheltered from wind and are generally in close proximity to foraging areas. These roosts may also serve a social purpose for pair bond formation and communication among eagles. Many roost sites are used year after year.

Disturb – To agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior.

In addition to immediate impacts, this definition also covers impacts that result from human-caused alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagle's return, such alterations agitate or bother an eagle to a degree that injures an eagle or substantially interferes with normal breeding, feeding, or sheltering habits and causes, or is likely to cause, a loss of productivity or nest abandonment.

Fledge – To leave the nest and begin flying. For bald eagles, this normally occurs at 10-12 weeks of age.

Fledgling – A juvenile bald eagle that has taken the first flight from the nest but is not yet independent.

Foraging area – An area where eagles feed, typically near open water such as rivers, lakes, reservoirs, and bays where fish and waterfowl are abundant, or in areas with little or no water (i.e., rangelands, barren land, tundra, suburban areas, etc.) where other prey species (e.g., rabbit, rodents) or carrion (such as at landfills) are abundant.

Landscape buffer – A natural or human-made landscape feature that screens eagles from human activity (e.g., strip of trees, hill, cliff, berm, sound wall).

Nest – A structure built, maintained, or used by bald eagles for the purpose of reproduction. An **active** nest is a nest that is attended (built, maintained or used) by a pair of bald eagles during a given breeding season, whether or not eggs are laid. An **alternate** nest is a nest that is not used for breeding by eagles during a given breeding season.

Nest abandonment – Nest abandonment occurs when adult eagles desert or stop attending a nest and do not subsequently return and successfully raise young in that nest for the duration of a breeding season. Nest abandonment can be caused by altering habitat near a nest, even if the alteration occurs prior to the breeding season. Whether the eagles migrate during the non-breeding season, or remain in the area throughout the non-breeding season, nest abandonment can occur at any point between the time the eagles return to the nesting site for the breeding season and the time when all progeny from the breeding season have

dispersed.

Project footprint – The area of land (and water) that will be permanently altered for a development project, including access roads.

Similar scope – In the vicinity of a bald eagle nest, an existing activity is of similar scope to a new activity where the types of impacts to bald eagles are similar in nature, and the impacts of the existing activity are of the same or greater magnitude than the impacts of the potential new activity. Examples: (1) An existing single-story home 200 feet from a nest is similar in scope to an additional single-story home 200 feet from the nest; (2) An existing multi-story, multi-family dwelling 150 feet from a nest has impacts of a greater magnitude than a potential new single-family home 200 feet from the nest; (3) One existing single-family home 200 feet from the nest has impacts of a lesser magnitude than three single-family homes 200 feet from the nest; (4) an existing single-family home 200 feet from a communal roost has impacts of a lesser magnitude than a single-family home 300 feet from the roost but 40 feet from the eagles' foraging area. The existing activities in examples (1) and (2) are of similar scope, while the existing activities in example (3) and (4) are not.

Vegetative buffer – An area surrounding a bald eagle nest that is wholly or largely covered by forest, vegetation, or other natural ecological characteristics, and separates the nest from human activities.

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Appendix **C**

Office of Historic Preservation: Department of Parks & Recreation (SHPO) Consultation

Office of Historic Preservation: Department of Parks & Recreation (SHPO) Submission

Note:

In the interest of efficiency and economy, attachments included in the original submission under this section are not duplicated throughout this NEPA Summary. The following attachment(s), found at the conclusion of this report, were included in the original submission:

- ***Proposed Project Summary***
- ***Form 620/621***
- ***Attachment 1 - Maps***
- ***Attachment 2 - Photographs***
- ***Attachment 3 - Areas of Potential Effects (Cultural Resource Report)***
- ***Attachment 4 - Historic Properties Identified in the APE for Direct Effects***
- ***Attachment 5 - Historic Properties Identified in the APE for Visual Effects***
- ***Attachment 6 - Tribal/NHO Involvement***
- ***Attachment 7 - Local Government Involvement***
- ***Attachment 8 - Public Involvement***
- ***Attachment 9 - Curricula Vitae***
- ***Attachment 10 - SHPO Specific Documentation (If required)***



February 12, 2023

Office of Historic Preservation:
Department of Parks & Recreation
Attn: Julianne Polanco
1725 23rd Street, Suite 100
Sacramento CA 95816

RE: **Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California, VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation and associated equipment within the general vicinity of 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. Lotis Environmental, LLC (Lotis), is preparing a cultural resource and environmental review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence an invitation to the SHPO to comment on the possible direct or visual effects the proposed undertaking may have on eligible/listed sites or structures of historic significance within the Area of Potential Effect (APE).

By providing your signature or stamp of approval, you concur with Lotis' recommendation finding of No Historic Properties on eligible/listed sites or structures of historic significance within the APE.

Attached, please find the Federal Communications Commission's (FCC) completed Form 620 and corresponding attachments for the proposed undertaking.

Should you require further information, please do not hesitate to contact me at (716) 580-7000 or NEPA.NHPA@TheLotisGroup.com. Thank you for your time and consideration in these regards.

Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1919-160-8779

***Advisory Council on Historic Preservation (ACHP)
Delegation of Authority for the Section 106 Review of
Telecommunication Projects***

Advisory Council On Historic Preservation

The Old Post Office Building
1100 Pennsylvania Avenue, NW, #809
Washington, DC 20004

September 21, 2000

MEMORANDUM

TO: Federal Communications Commission
State Historic Preservation Officers (SHPOs)
Tribal Historic Preservation Officers (THPOs)

From: Executive Director

Subject: Delegation of Authority for the Section 106 Review of Telecommunications Projects

As a result of ongoing discussions with the Federal Communications Commission (FCC) and other stakeholders involved in the coordination and implementation of telecommunications projects, the Council has determined that it is consistent with 36 CFR Section 800.2(c)(5) of our regulations, "Protection of Historic Properties" (36 CFR Part 800), for licensees, applicants, and their authorized representatives¹ to act on behalf of FCC when complying with certain provisions of our regulations. Accordingly, effective immediately, applicants, licensees, tower construction companies, and their authorized representatives may consult with the State Historic Preservation Officers (SHPOs) and Tribal Historic Preservation Officers (THPOs) to initiate the Section 106 review process; identify and evaluate historic properties; and assess effects. FCC, however, will remain responsible for participating in the consultation process when:

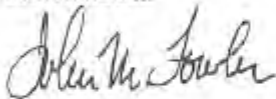
- it is determined that the *Criteria of Adverse Effect* apply to an undertaking;
- there is a disagreement between the licensee, applicant, tower construction company, or their authorized representatives and the SHPO/THPO regarding identification and evaluation, and/or assessment of effects;
- there is an objection from consulting parties or the public regarding findings and determinations, the implementation of agreed upon provisions, or their

¹When consulting with SHPOs/THPOs, authorized representatives of applicants, licensees and tower construction companies should identify the organization they are representing, including an appropriate contact person within the organization, and the undertaking for which they have been hired to coordinate the Section 106 review.

- involvement in a Section 106 review; or,
there is the potential for a foreclosure situation or anticipatory demolition as specified in Section 110(k) of the National Historic Preservation Act.

In accordance with 36 CFR Section 800.2(c)(3), FCC shall ensure that all consultations with Indian Tribes are conducted in a sensitive manner respectful of tribal sovereignty and the government to government relationship between the Federal government and Indian Tribes. This Memorandum, therefore, is not intended to modify or limit such requirements nor mandate that Indian Tribes consult with licensees and applicants or provide information if the Indian Tribes conclude that consultation should be directly with FCC.

It, therefore, is important that Section 106 reviews be conducted within the time frames set forth within 36 CFR Part 800, and that the exchange of documentation and consultations between the consulting parties be carried out in a consistent and predictable manner. To this end, FCC should coordinate with the telecommunications industry to carry out the process set forth in this Memorandum.




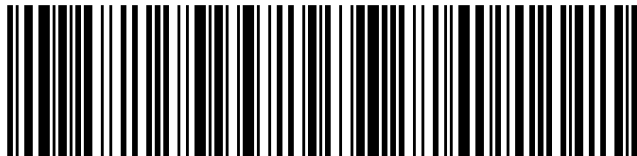



John M. Fowler

***Proof of Office of Historic Preservation:
Department of Parks & Recreation (SHPO) Submission***

 UNITED STATES POSTAL SERVICE®		Click-N-Ship®	
P	usps.com 9405 5036 9930 0480 2517 17 0096 5000 0089 5816 \$9.65 US POSTAGE Flat Rate Env	U.S. POSTAGE PAID Click-N-Ship®	
	02/14/2023 Mailed from 14221 986765861179417		
	PRIORITY MAIL®		
KELLY R REIDY THE LOTIS ENGINEERING GROUP 8899 MAIN ST # 107 WILLIAMSVILLE NY 14221-7628		Expected Delivery Date: 02/17/23 Ref#: 260877 0000	
		C019	
	JULIANNE POLANCO CALIFORNIA OFFICE OF HISTORIC 1725 23RD ST STE 100 SACRAMENTO CA 95816-7100		
USPS TRACKING #			
			
9405 5036 9930 0480 2517 17			
Electronic Rate Approved #038555749			

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P	usps.com 9405 5036 9930 0480 2517 31 0096 5000 0034 3211 \$9.65 US POSTAGE Flat Rate Env	U.S. POSTAGE PAID Click-N-Ship®	
	02/14/2023 Mailed from 14221 986765861178286		
	PRIORITY MAIL®		
KELLY R REIDY THE LOTIS ENGINEERING GROUP 8899 MAIN ST # 107 WILLIAMSVILLE NY 14221-7628		Expected Delivery Date: 02/16/23 Ref#: 261789 0000	
		C021	
	ATTN: NATHAN J YOUN OHIO HISTORY CONNECTION: SHPO 800 E 17TH AVE COLUMBUS OH 43211-2474		
USPS TRACKING #			
			
9405 5036 9930 0480 2517 31			
Electronic Rate Approved #038555749			



Federal Communications Commission (FCC) Form 620

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

FCC Form 620

FCC Wireless Telecommunications Bureau

Approved by OMB
3060 – 1039

Notification Date: **7AM EST 02/14/2023**

New Tower ("NT") Submission Packet

File Number: **0010414901**

See instructions for
public burden estimates

General Information

1) (Select only one) (NE) NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): 0030443170
4) Name: VB BTS II, LLC

Contact Name

5) First Name: Qabiyl	6) MI:	7) Last Name: Johnson	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 750 Park of Commerce Drive, Suite 200	
12) City: Boca Raton		13) State: FL	14) Zip Code: 33487
15) Telephone Number: (716)580-7000		16) Fax Number:	
17) E-mail Address: nepa.nhpa@thelotisgroup.com			

Consultant Information

18) FCC Registration Number (FRN): 0031051642
19) Name: Lotis Environmental

Principal Investigator

20) First Name: Carrie	21) MI:	22) Last Name: Wills	23) Suffix:
24) Title: Professional Archaeologist			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 8899 Main Street, Suite 107	
27) City: Williamsville		28) State: NY	29) Zip Code: 14221
30) Telephone Number: (716)580-7000		31) Fax Number:	
32) E-mail Address: nepa.nhpa@thelotisgroup.com			

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
<div>34) Areas of Professional Qualification:</div> <div>(<input checked="" type="checkbox"/>) Archaeologist</div> <div>() Architectural Historian</div> <div>() Historian</div> <div>() Architect</div> <div>() Other (Specify) _____</div>	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
--	--

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
<div>41) Areas of Professional Qualification:</div> <div>() Archaeologist</div> <div>() Architectural Historian</div> <div>() Historian</div> <div>() Architect</div> <div>() Other (Specify) _____</div>			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **260865**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: () Yes (**X**) No

3) Site Name: **Diamond Springs**

4) Site Address: **1550 Pleasant Valley Road**

5) Detailed Description of Project:

Diamond Springs is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

6) City: **Placerville**

7) State: **CA**

8) Zip Code: **95667**

9) County/Borough/Parish: **EL DORADO**

10) Nearest Crossroads: **Ponderhill Way**

11) **NAD 83** Latitude (DD-MM-SS.S): **38-40-57.7** (**X**) N or () S

12) **NAD 83** Longitude (DD-MM-SS.S): **120-46-35.1** () E or (**X**) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **33.5** () Feet (**X**) Meters

14) Tower Type (Select One):

() Guyed lattice tower

() Self-supporting lattice

(**X**) Monopole

() Other (Describe):

Project Status

15) Current Project Status (Select One):

(**X**) Construction has not yet commenced

() Construction has commenced, but is not completed

Construction commenced on: _____

() Construction has been completed

Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>260865</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: <u>0</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Eastern Shoshone Tribe

Contact Name

5) First Name: Josh	6) MI:	7) Last Name: Mann	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>01/04/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: lone Band of Miwok Indians

Contact Name

5) First Name: Sara	6) MI:	7) Last Name: Dutschke	8) Suffix:
9) Title: Chairperson			

Dates & Response

10) Date Contacted <u>01/04/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>260865</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: <u>0</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Los Coyotes Reservation

Contact Name

5) First Name: Shane	6) MI:	7) Last Name: Chapparosa	8) Suffix:
9) Title: Chairman			

Dates & Response

10) Date Contacted <u>01/05/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Northwestern Band of Shoshone Nation

Contact Name

5) First Name: Montana & Associates	6) MI:	7) Last Name: LLC	8) Suffix:
9) Title: Attorney			

Dates & Response

10) Date Contacted <u>01/04/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>260865</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: <u>0</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Shingle Springs Rancheria

Contact Name

5) First Name: Daniel	6) MI:	7) Last Name: Fonseca	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>01/05/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Skull Valley Band Goshute

Contact Name

5) First Name: Candace	6) MI:	7) Last Name: Bear	8) Suffix:
9) Title: Chairman			

Dates & Response

10) Date Contacted <u>01/05/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>260865</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: <u>0</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: United Auburn Indian Community

Contact Name

5) First Name: Anna	6) MI:	7) Last Name: Starkey	8) Suffix:
9) Title: Cultural Regulatory Specialist			

Dates & Response

10) Date Contacted <u>01/05/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Washoe Tribe of Nevada & California

Contact Name

5) First Name: Bernadette	6) MI:	7) Last Name: Nieto	8) Suffix:
9) Title: Tribal Administrator			

Dates & Response

10) Date Contacted <u>01/04/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>260865</u> Number of Tribes/NHOs: <u>9</u>	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: <u>0</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Wilton Rancheria

Contact Name

5) First Name: Cultural	6) MI:	7) Last Name: Preservation	8) Suffix: Dep
9) Title:			

Dates & Response

10) Date Contacted <u>01/05/2023</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Other Tribes/NHOs Contacted**Tribe/NHO Information**

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted _____	18) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other	

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (X) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (X) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (X) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: El Dorado County

Contact Name

3) First Name: Kim	4) MI:	5) Last Name: Dawson	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 330 Fair Lane	
10) City: Placerville		11) State: CA	12) Zip Code: 95667
13) Telephone Number: (555)555-5555		14) Fax Number:	
15) E-mail Address: kim.dawson@edcgov.us			
16) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

17) Date Contacted 02/11/2023	18) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

19) Information on local government's role or interest (optional):
--

Other Consulting Parties**Other Consulting Parties Contacted**

1) Has any other agency been contacted and invited to become a consulting party?	(<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: El Dorado County Historical Society

Contact Name

4) First Name: Jill	5) MI:	6) Last Name: Kearney	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	And /Or	10) Street Address: 524 Main Street	
11) City: Placerville		12) State: CA	13) Zip Code: 95667
14) Telephone Number: (530)626-0773		15) Fax Number:	
16) E-mail Address: edchistoricalsociety@gmail.com			
17) Preferred means of communication: (<input checked="" type="checkbox"/>) E-mail () Letter () Both			

Dates & Response

18) Date Contacted 02/11/2023	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply () Replied/No Interest () Replied/Have Interest () Replied/Other	

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **California Office of Historic Preservation**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name: **David**

MI:

Last Name: **Robinson**

Suffix:

Signature: **David Robinson**

Date: **02/11/2023**

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type	Description	Date Entered
Map Documents	Map Documents	02/11/2023
Photographs	Photos	02/11/2023
Area of Potential Effects	Area of Potential Effects	02/11/2023
Historic Properties for Direct Effects	Historic Properties for Direct Effects	02/11/2023
Historic Properties for Visual Effects	Historic Properties for Visual Effects	02/11/2023
Tribal/NHO Involvement	Tribal/NHO Involvement	02/11/2023
Local Government Involvement	Local Government Involvement	02/11/2023
Public Involvement	Public Involvement	02/11/2023
Resumes/Vitae	Resumes/Vitae	02/11/2023

***Electronic Section 106 (E-106) Submission
Confirmation Email***

NEPA NHPA

From: towernotifyinfo@fcc.gov
Sent: Saturday, February 11, 2023 5:46 PM
To: NEPA NHPA
Subject: Section 106 New Filing Submitted- Email ID #8029124

The following new Section 106 filing has been submitted:

File Number: 0010414901
TCNS Number: 260865
Purpose: New Tower Submission Packet

Notification Date: 7AM EST 02/14/2023

Applicant: VB BTS II, LLC
Consultant: Lotis Environmental
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: Diamond Springs
Site Address: 1550 Pleasant Valley Road
Detailed Description of Project: Diamond Springs is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).
Site Coordinates: 38-40-57.7 N, 120-46-35.1 W
City: Placerville
County: EL DORADO
State:CA
Lead SHPO/THPO: California Office of Historic Preservation

Consultant Contact Information:
Name: Lotis Environmental
Title: Professional Archaeologist
PO Box:
Address: 8899 Main Street, Suite 107
City: Williamsville
State: NY
Zip: 14221
Phone: 716-580-7000
Fax:
Email: nepa.nhpa@thelotisgroup.com

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE

Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

***Office of Historic Preservation:
Department of Parks & Recreation's (SHPO) Response***

**DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION**

Armando Quintero, Director

Julianne Polanco, State Historic Preservation Officer

1725 23rd Street, Suite 100, Sacramento, CA 95816-7100

Telephone: (916) 445-7000

FAX: (916) 445-7053

calshpo.ohp@parks.ca.gov

www.ohp.parks.ca.gov

Dear FCC Applicant:

Section 106 FCC submissions will not be accepted unless this cover sheet is completed and attached.

Project Name USCA- 7310 (Diamond Springs)
Project Address 1550 Pleasant Valley Road, Placerville, CA 95667

Based on the information provided on the accompanying FCC Form 620 or Form 621, and the documentation submitted pursuant to *the First Amendment To The Nationwide Programmatic Agreement For The Collocation Of Wireless Antennas*, the following information applies to this project:

<input type="checkbox"/>	There are buildings or structures over 45 years of age within this project's direct/indirect area of potential effect (APE).
<input type="checkbox"/>	There is an archeological site located within this project's direct APE.
<input type="checkbox"/>	A qualified archeologist has determined that the proposed project area is considered moderately to highly sensitive for archeological resources.

If the above boxes are blank, there are no historic properties within the direct or indirect project area. Therefore, pursuant to Stipulation VII.B.2 of the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission* as quoted below, **your Section 106 responsibilities are complete:**

If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of No Historic Properties Affected within 30 days following receipt of a complete Submission Packet, it is deemed that no Historic Properties Exist within the APE or the Undertaking will have no effect on Historic Properties. The Section 106 process is then complete and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

____ Yes, this submission contains an eligibility determination requiring SHPO concurrence. ____ Yes, this submission contains tribal response.

This project will: Not ☒ Not Adversely ____ Adversely ____ affect Historic Properties.
The qualified project archeologist acknowledges that a pedestrian survey has been completed, a record search has been conducted at the appropriate California Historic Resources Information Center (IC) and that all submitted information is true.

Archeologist's signature Carrie D. Wills Date January 17, 2023

Please note: This letter pertains only to FCC projects being submitted to the California SHPO for comment.

Sincerely,

Julianne Polanco
State Historic Preservation Officer

Appendix **D**

Tribal/NHO Consultation(s)

Federal Recognized Tribal/NHO Correspondence Summary

	Tribe/NHO	First Tribal Contact	Second Tribal Contact	Referred to FCC	Tribal Clearance Date	Response Outcome
1	Skull Valley Band Goshute	1/6/2023	2/11/2023	N/A	2/5/2023	If the applicant/tower builder receives no response from the Tribe within 30 days after notification through TCNS, the Tribe has no interest in participating in pre-construction review for the proposed site.
2	Northwestern Band of Shoshone Nation	1/6/2023	2/11/2023	3/23/2023	4/7/2023	Per the FCC referral letter, consultation is complete
3	Los Coyotes Reservation	1/6/2023	2/11/2023	N/A	2/5/2023	If the applicant/tower builder receives no response from the Tribe within 30 days after notification through TCNS, the Tribe has no interest in participating in pre-construction review for the proposed site.
4	United Auburn Indian Community	1/6/2023	2/11/2023	N/A	2/5/2023	If the applicant/tower builder receives no response from the Tribe within 30 days after notification through TCNS, the Tribe has no interest in participating in pre-construction review for the proposed site.
5	Ione Band of Miwok Indians	1/6/2023	2/11/2023	N/A	2/5/2023	If the applicant/tower builder receives no response from the Tribe within 30 days after notification through TCNS, the Tribe has no interest in participating in pre-construction review for the proposed site.
6	Shingle Springs Rancheria	1/6/2023	2/11/2023	3/23/2023	4/7/2023	Per the FCC referral letter, consultation is complete
7	Wilton Rancheria	1/6/2023	2/11/2023	3/23/2023	4/7/2023	Per the FCC referral letter, consultation is complete
8	Eastern Shoshone Tribe	1/6/2023	2/11/2023	3/23/2023	4/7/2023	Per the FCC referral letter, consultation is complete
9	Washoe Tribe of Nevada & California	1/6/2023	2/11/2023	N/A	2/5/2023	If the applicant/tower builder receives no response from the Tribe within 30 days after notification through TCNS, the Tribe has no interest in participating in pre-construction review for the proposed site.

The Applicant/tower builder, however, must immediately notify all tribal consulting parties in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

* Denotes tribe had indicated through TCNS that if no response had been received within 30 days that the tribe had no interest in the project. No response was received by Lotis within the required 30 days; therefore Section 106 review is complete for this tribe.

Notes:

1. First Tribal contact was made through the FCC's TCNS system.

State Recognized Tribal/NHO Correspondence Summary

	Tribe/NHO	Contact Person	First Tribal Contact	Second Tribal Contact	Tribal Clearance Date	Referred to FCC	Response Outcome
1	Ione Band of Miwok Indians	Sara Dutschke, Chairperson	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
2	Shingle Springs Rancheria	Regina Cuellar, Chairperson	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
3	Tsi Akim Maidu	Grayson Coney, Cultural Director	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
4	United Auburn Indian Community	Gene Whitehouse, Chairperson	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
5	Washoe Tribe of Nevada & California	Darrel Cruz, Cultural Resources	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
6	Wilton Rancheria	Steven Hutchason, THPO	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
7	Wilton Rancheria	Jesus Tarango, Chairperson	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
8	Wilton Rancheria	Dahlton Brown, Director of Administration	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
9	Colfax-Todds Valley Consolidated Tribe	Clyde Prout, Chairperson	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult
10	Colfax-Todds Valley Consolidated Tribe	Pamela Cubbler, Treasurer	2/11/2023	3/12/2023 (via phone)	4/1/2023	N/A	No response after multiple attempts to provide opportunity to consult

The Applicant/tower builder, however, must immediately notify all tribal consulting parties in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

* Denotes tribe had indicated through TCNS that if no response had been received within 30 days that the tribe had no interest in the project. No response was received by Lotis within the required 30 days; therefore Section 106 review is complete for this tribe.

Notes: 1. First Tribal contact was made through the FCC's TCNS system.

Native American Heritage Council (NAHC) Sacred Lands File Search (SLF) & State Recognized Contact List Request

Note:

In the interest of efficiency and economy, attachments included in the original submission under this section are not duplicated throughout this NEPA Summary. The following attachment(s), found at the conclusion of this report, were included in the original submission:

- ***Proposed Project Summary***

NEPA NHPA

From: NEPA NHPA
Sent: Sunday, December 18, 2022 9:45 PM
To: NAHC@NAHC
Cc: Miles Walz-Salvador; Jordan Braden
Subject: NAHC Form for Diamond Springs
Attachments: Diamond Springs NAHC Form.pdf; Diamond Springs US-CA-7310.kmz

Importance: High

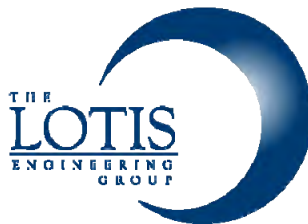
Tracking:	Recipient	Delivery
	NAHC@NAHC	
	Miles Walz-Salvador	Delivered: 12/18/2022 9:45 PM
	Jordan Braden	Delivered: 12/18/2022 9:45 PM

Good evening,

Please find attached the NAHC form for a proposed telecommunications tower project, known as, Diamond Springs.

Thank you!

Jordan Braden
Jr. Data Manager



8899 Main Street – Suite 107
Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

***Please Note – Our Address and Phone Number have changed as of
February 2022***

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd, Suite 100

West Sacramento, CA 95691

(916) 373-3710

(916) 373-5471 – Fax

nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: _____

County _____

USGS Quadrangle

Name _____

Township _____ Range _____ Section(s) _____

Company/Firm/Agency:

Lotis Environmental

Contact Person: _____ Miles Walz-Salvador

Street Address: _____ 6465 Transit Road; Suite 23

City: _____ East Amherst _____ Zip: _____ 14051

Phone: _____ (314) 913-0505

Fax: _____ (716) 810-7664

Email: _____ NEPA.NHPA@thelotisgroup.com

Project Description: A proposed telecommunication installation construction

***Native American Heritage Council (NAHC) Sacred
Lands File Search (SLF) & State Recognized Contact
List***

NATIVE AMERICAN HERITAGE COMMISSION

January 3, 2023

Jordan Braden
Lotis Environmental

Via Email to: NEPA.NHPA@thelotisgroup.com

Re: Diamond Springs Project, El Dorado County

Dear Mr. Braden:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment



CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki,
Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
[VAVANT]

COMMISSIONER
[VACANT]

EXECUTIVE SECRETARY
Raymond C.
Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Native American Heritage Commission
Native American Contact List
El Dorado County
1/3/2023

Ione Band of Miwok Indians

Sara Dutschke, Chairperson
9252 Bush Street
Plymouth, CA, 95669
Phone: (209) 245 - 5800
consultation@ionemiwok.net
Miwok

Shingle Springs Band of Miwok Indians

Regina Cuellar, Chairperson
P.O. Box 1340
Shingle Springs, CA, 95682
Phone: (530) 387 - 4970
Fax: (530) 387-8067
rcuellar@ssband.org
Maidu
Miwok

Tsi Akim Maidu

Grayson Coney, Cultural Director
P.O. Box 510
Browns Valley, CA, 95918
Phone: (530) 383 - 7234
tsi-akim-maidu@att.net
Maidu

United Auburn Indian Community of the Auburn Rancheria

Gene Whitehouse, Chairperson
10720 Indian Hill Road
Auburn, CA, 95603
Phone: (530) 883 - 2390
Fax: (530) 883-2380
bguth@auburnrancheria.com
Maidu
Miwok

Washoe Tribe of Nevada and California

Darrel Cruz, Cultural Resources
Department
919 Highway 395 North
Gardnerville, NV, 89410
Phone: (775) 265 - 8600
darrel.cruz@washoetribe.us
Washoe

Wilton Rancheria

Steven Hutchason, THPO
9728 Kent Street
Elk Grove, CA, 95624
Phone: (916) 683 - 6000
Fax: (916) 863-6015
shutchason@wiltonrancheria-
nsn.gov
Miwok

Wilton Rancheria

Jesus Tarango, Chairperson
9728 Kent Street
Elk Grove, CA, 95624
Phone: (916) 683 - 6000
Fax: (916) 683-6015
jtarango@wiltonrancheria-nsn.gov
Miwok

Wilton Rancheria

Dahlton Brown, Director of
Administration
9728 Kent Street
Elk Grove, CA, 95624
Phone: (916) 683 - 6000
dbrown@wiltonrancheria-nsn.gov
Miwok

Colfax-Todds Valley Consolidated Tribe

Clyde Prout, Chairperson
P.O. Box 4884 none
Auburn, CA, 95604
Phone: (916) 577 - 3558
miwokmaidu@yahoo.com
Maidu
Miwok

Colfax-Todds Valley Consolidated Tribe

Pamela Cubbler, Treasurer
P.O. Box 4884
Auburn, CA, 95604
Phone: (530) 320 - 3943
pcubbler@colfaxrancheria.com
Maidu
Miwok

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Diamond Springs Project, El Dorado County.

Tribal/NHO Submission(s)

Note:

In the interest of efficiency and economy, attachments included in the original submission under this section are not duplicated throughout this NEPA Summary. The following attachment(s), found at the conclusion of this report, were included in the original submission:

- ***Proposed Project Summary***
- ***Attachment 1 - Maps***
- ***Attachment 2 - Photographs***
- ***Attachment 3 - Cultural Resource Report***
- ***Form 620/621(if requested)***
- ***SHPO Response (if requested)***



February 8, 2023

Eastern Shoshone Tribe

Attn: THPO Josh Mann

PO Box 538

Fort Washakie, WY 82514

Submitted via: <http://esthpo.com>

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation within the general vicinity of 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. Lotis Environmental, LLC (Lotis) has prepared an environmental and cultural resource review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence a response to the request for additional information about the proposed undertaking (through the Federal Communication Commission's Tower Construction Notification System – TCNS # 260865). Lotis is providing you the opportunity to review and comment on the possible effects the proposed undertaking may have on sites or structures of current or historical significance affiliated with your tribe. Should you identify an area/property which will be adversely impacted, please submit this information to us at the time of your response so that we may determine our client's options on how to proceed. To aid you in your review please see the proposed undertaking's information is as follows:

Attached (or Enclosed), please find the requested materials which include site photographs taken in all four directions (north, south, east, and west) from the center of the proposed undertaking, a project summary, an aerial photograph, a topographic map, and form 620 (if requested).

Lotis contracted Environmental Assessment Specialists, Inc. to perform an archeological assessment of the proposed undertaking to determine whether or not it would have an effect on historic properties within the direct or visual area of potential effect (APE). Environmental Assessment Specialists, Inc. conducted site reconnaissance, per SHPO and tribal protocols, and did not find any archaeological sites or historic properties within the APE. Environmental Assessment Specialists, Inc. have recommended that the proposed undertaking be allowed to proceed as planned without further survey. A copy of the cultural resource report and other requested documentation is included for your review.

As part of our research, Lotis has or will shortly be consulting with the Office of Historic Preservation:



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107

Williamsville, NY 14221

23-1515-216-8779



Department of Parks & Recreation (through FCC's E-106 filing protocols), as well as other Native American tribes. If you have requested the SHPO's response to be sent with the review materials, Lotis will forward the letter once it has been received.

Per the FCC Second Report and Order, released on March 30, 2018, and implemented on July 2, 2018, "... we clarify that applicants have no legal obligation to pay up-front fees when providing Tribal Nations and NHOs with an opportunity to comment on proposed facilities deployments". Please note, this letter is not a request for review but an invitation giving the tribe the opportunity to review impact to affiliated areas/properties within the APE. Therefore, per the applicant's request, Lotis will not be submitting any requested upfront review fees in exchange for review or comment of the proposed undertaking and will be following the FCC protocols for Section 106 consultation with Tribal Nations and NHOs. Lotis apologizes for any inconvenience this may cause.

Should you require further information, please do not hesitate to contact me by calling (716) 580-7000 or by email at NEPA.NHPA@TheLotisGroup.com. Thank you for your time and consideration in this regard.

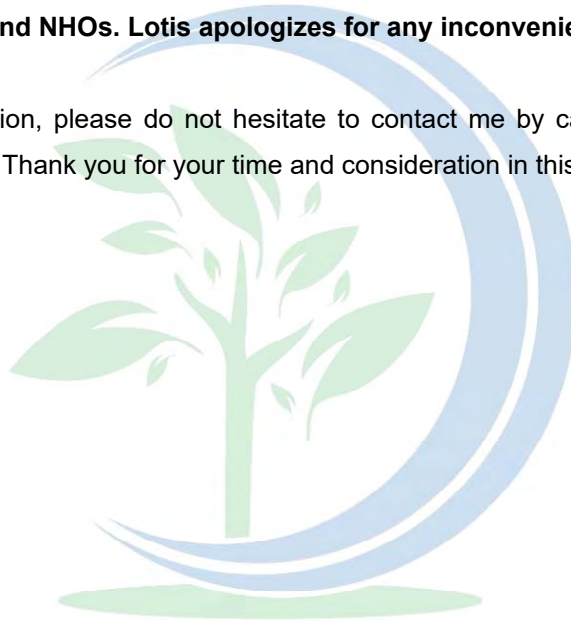
Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-217-01379



February 8, 2023

Washoe Tribe of Nevada & California

Attn: Tribal Administrator Bernadette Nieto
919 Highway 395 South
Gardnerville, NV 89410
Submitted via:

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

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As part of our research, Lotis has or will shortly be consulting with the Office of Historic Preservation:



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1515-216-6779



Department of Parks & Recreation (through FCC's E-106 filing protocols), as well as other Native American tribes. If you have requested the SHPO's response to be sent with the review materials, Lotis will forward the letter once it has been received.

Per the FCC Second Report and Order, released on March 30, 2018, and implemented on July 2, 2018, "... we clarify that applicants have no legal obligation to pay up-front fees when providing Tribal Nations and NHOs with an opportunity to comment on proposed facilities deployments". Please note, this letter is not a request for review but an invitation giving the tribe the opportunity to review impact to affiliated areas/properties within the APE. Therefore, per the applicant's request, Lotis will not be submitting any requested upfront review fees in exchange for review or comment of the proposed undertaking and will be following the FCC protocols for Section 106 consultation with Tribal Nations and NHOs. Lotis apologizes for any inconvenience this may cause.

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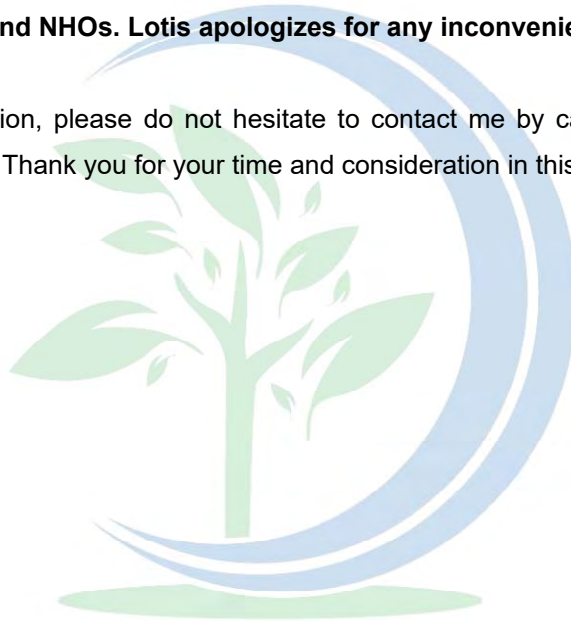
Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-219-6779



February 8, 2023

Skull Valley Band Goshute

Attn: Chairman Candace Bear

1198 N Main Street

Tooele, UT 84074

Submitted via: and mailed hardcopy

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

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As part of our research, Lotis has or will shortly be consulting with the Office of Historic Preservation:



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107

Williamsville, NY 14221

23-1515-F-220-0739



Department of Parks & Recreation (through FCC's E-106 filing protocols), as well as other Native American tribes. If you have requested the SHPO's response to be sent with the review materials, Lotis will forward the letter once it has been received.

Per the FCC Second Report and Order, released on March 30, 2018, and implemented on July 2, 2018, "... we clarify that applicants have no legal obligation to pay up-front fees when providing Tribal Nations and NHOs with an opportunity to comment on proposed facilities deployments". Please note, this letter is not a request for review but an invitation giving the tribe the opportunity to review impact to affiliated areas/properties within the APE. Therefore, per the applicant's request, Lotis will not be submitting any requested upfront review fees in exchange for review or comment of the proposed undertaking and will be following the FCC protocols for Section 106 consultation with Tribal Nations and NHOs. Lotis apologizes for any inconvenience this may cause.

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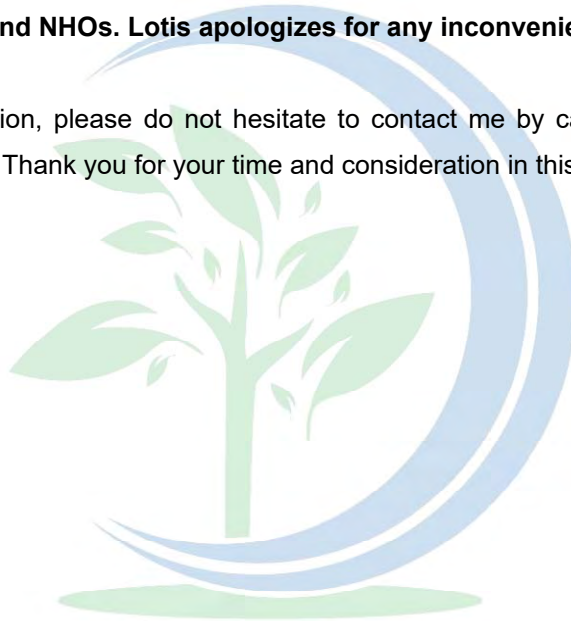
Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-2216-379



February 8, 2023

Northwestern Band of Shoshone Nation

Attn: Attorney Gary Montana

N 12923 North Prairie Road

Osseo, Wisconsin

Submitted via: Northwesternbandshoshonetcnsfcc@outlook.com; garymontana@montanaandassociates.com

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

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(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107

Williamsville, NY 14221

23-1515-222 6739



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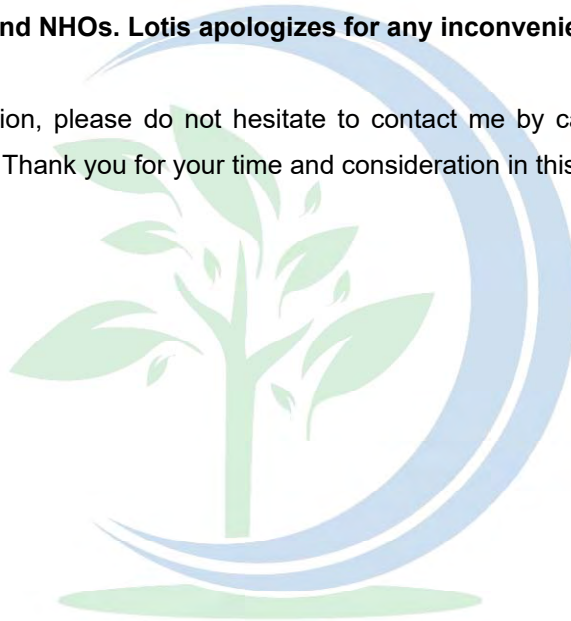
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Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



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Williamsville, NY 14221
23-1615-223-6779



February 8, 2023

Los Coyotes Reservation

Attn: Chairman Shane Chapparosa

PO Box: 189

Warner Springs, CA 92086

Submitted via: ; loscoyotes_ta@yahoo.com and mailed hardcopy

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

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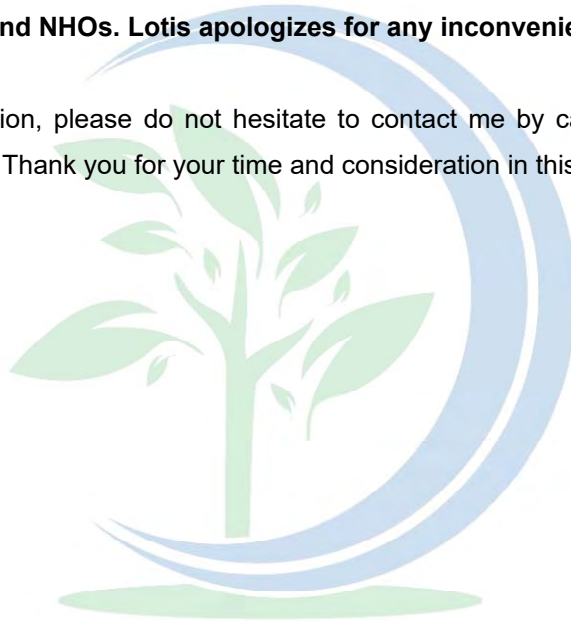
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Enclosures



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Williamsville, NY 14221
23-1615-225-0179



February 8, 2023

United Auburn Indian Community

Attn: Tribal Heritage Specialist Antonio Ruiz

10720 Indian Hill Road

Auburn, CA 95603

Submitted via: bguth@auburnrancheria.com; tyoung@auburnrancheria.com

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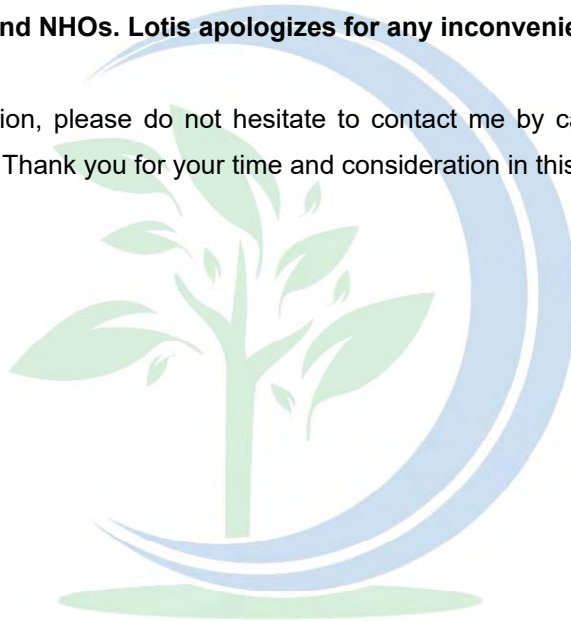
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23-1615-227-0179



February 8, 2023

Ione Band of Miwok Indians

Attn: Chairperson Sara Dutschke Setshwaelo

PO Box 699

Plymouth, CA 95699

Submitted via: Consultation@ionemiwok.net; culturalcommittee@ionemiwok.net

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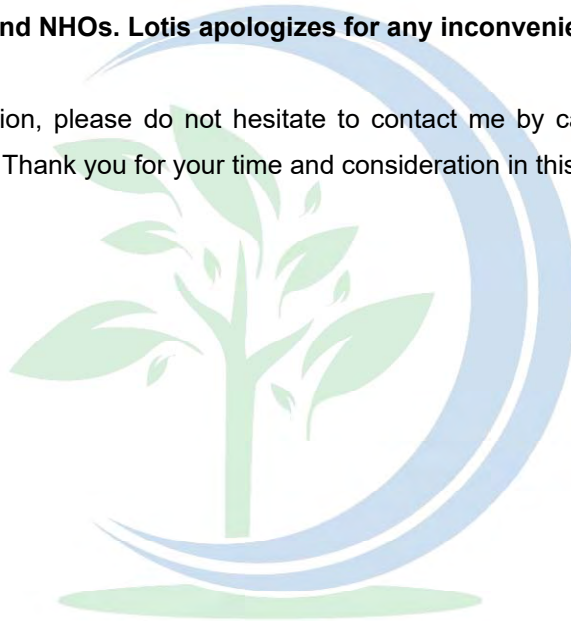
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Williamsville, NY 14221
23-1615-229-6779



February 8, 2023

Shingle Springs Rancheria

Attn: THPO Daniel Fonseca

PO Box 1340

Shingle Springs, CA 95682

Submitted via: Kperry@ssband.org and mailed hardcopy

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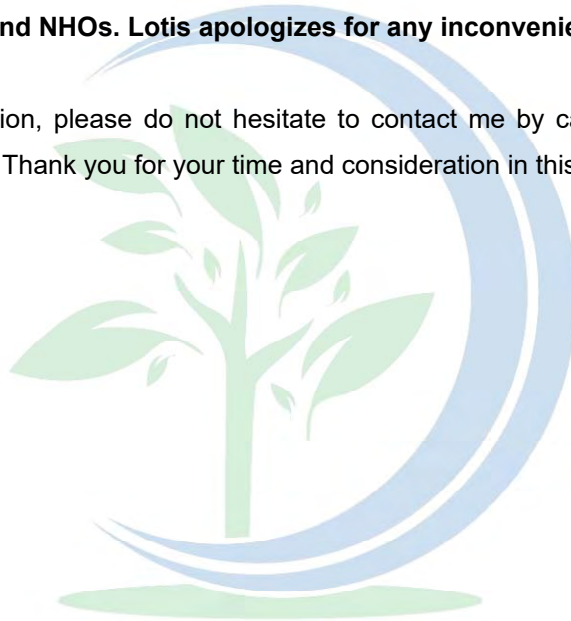
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Nationwide NEPA/NHPA Manager
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Enclosures



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Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-1251-0739



February 8, 2023

Wilton Rancheria

Attn: THPO Steven Hutchason
9728 Kent Street
Elk Grove, California 95624

Submitted via: shutchason@wiltonrancheriansn; cpd@wiltonrancheria-nsn.go and mailed hardcopy

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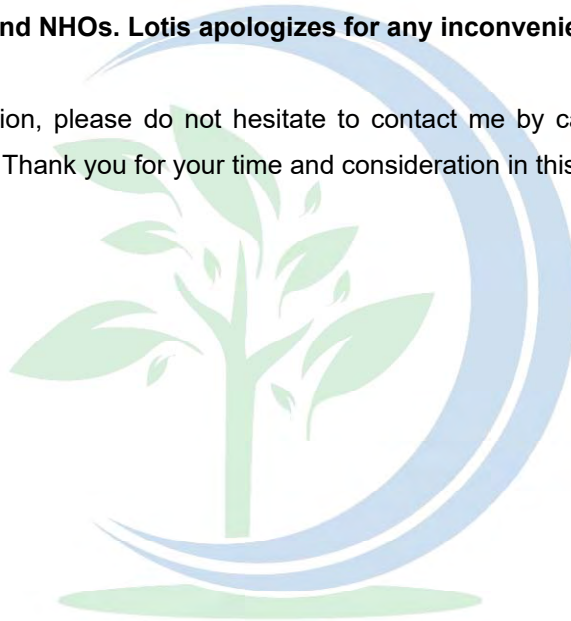
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23-1615-1253-0779



February 8, 2023

Shingle Springs Band of Miwok Indians

Attn: Regina Cuellar, Chairperson

P.O. Box 1340

P.O. Box 1340

Shingle Springs, CA, 95682

Submitted via: rcuellar@ssband.org

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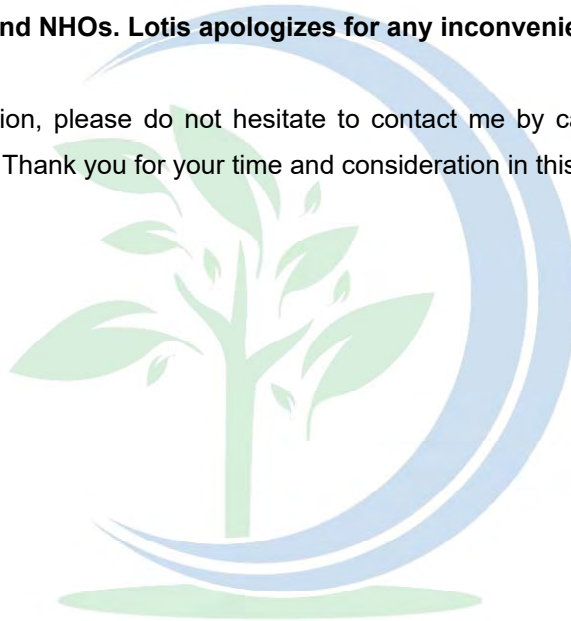
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23-1615-255-0779



February 8, 2023

Tsi Akim Maidu

Attn: Grayson Coney, Cultural Director
P.O. Box 510
Browns Valley, CA, 95918
Submitted via: tsi-akim-maidu@att.net

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Should you require further information, please do not hesitate to contact me by calling (716) 580-7000 or by email at NEPA.NHPA@TheLotisGroup.com. Thank you for your time and consideration in this regard.

Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-1257-01379



February 8, 2023

Washoe Tribe of Nevada & California

Attn: Tribal Administrator Bernadette Nieto

919 Highway 395 South

Gardnerville, NV 89410

Submitted via: bernadette.nieto@washoetribe.us

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation within the general vicinity of 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. Lotis Environmental, LLC (Lotis) has prepared an environmental and cultural resource review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence a response to the request for additional information about the proposed undertaking (through the Federal Communication Commission's Tower Construction Notification System – TCNS # 260865). Lotis is providing you the opportunity to review and comment on the possible effects the proposed undertaking may have on sites or structures of current or historical significance affiliated with your tribe. Should you identify an area/property which will be adversely impacted, please submit this information to us at the time of your response so that we may determine our client's options on how to proceed. To aid you in your review please see the proposed undertaking's information is as follows:

Attached (or Enclosed), please find the requested materials which include site photographs taken in all four directions (north, south, east, and west) from the center of the proposed undertaking, a project summary, an aerial photograph, a topographic map, and form 620 (if requested).

Lotis contracted Environmental Assessment Specialists, Inc. to perform an archeological assessment of the proposed undertaking to determine whether or not it would have an effect on historic properties within the direct or visual area of potential effect (APE). Environmental Assessment Specialists, Inc. conducted site reconnaissance, per SHPO and tribal protocols, and did not find any archaeological sites or historic properties within the APE. Environmental Assessment Specialists, Inc. have recommended that the proposed undertaking be allowed to proceed as planned without further survey. A copy of the cultural resource report and other requested documentation is included for your review.

As part of our research, Lotis has or will shortly be consulting with the Office of Historic Preservation:



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Lotis Environmental, LLC

8899 Main Street, Suite 107

Williamsville, NY 14221

23-1515-256-0779



Department of Parks & Recreation (through FCC's E-106 filing protocols), as well as other Native American tribes. If you have requested the SHPO's response to be sent with the review materials, Lotis will forward the letter once it has been received.

Per the FCC Second Report and Order, released on March 30, 2018, and implemented on July 2, 2018, "... we clarify that applicants have no legal obligation to pay up-front fees when providing Tribal Nations and NHOs with an opportunity to comment on proposed facilities deployments". Please note, this letter is not a request for review but an invitation giving the tribe the opportunity to review impact to affiliated areas/properties within the APE. Therefore, per the applicant's request, Lotis will not be submitting any requested upfront review fees in exchange for review or comment of the proposed undertaking and will be following the FCC protocols for Section 106 consultation with Tribal Nations and NHOs. Lotis apologizes for any inconvenience this may cause.

Should you require further information, please do not hesitate to contact me by calling (716) 580-7000 or by email at NEPA.NHPA@TheLotisGroup.com. Thank you for your time and consideration in this regard.

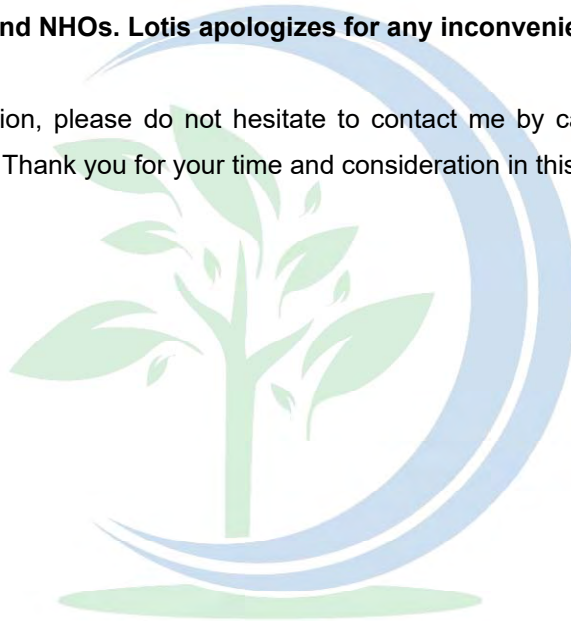
Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



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8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-259-0779



February 8, 2023

Colfax-Todds Valley Consolidated Tribe

Attn: Clyde Prout, Chairperson

P.O. Box 4884

Auburn, CA, 95604

Submitted via: miwokmaidu@yahoo.com; pcubbler@colfaxrancheria.com

**RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California;
VB BTS II, LLC; TCNS #: 260865**

To Whom It May Concern:

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation within the general vicinity of 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. Lotis Environmental, LLC (Lotis) has prepared an environmental and cultural resource review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence a response to the request for additional information about the proposed undertaking (through the Federal Communication Commission's Tower Construction Notification System – TCNS # 260865). Lotis is providing you the opportunity to review and comment on the possible effects the proposed undertaking may have on sites or structures of current or historical significance affiliated with your tribe. Should you identify an area/property which will be adversely impacted, please submit this information to us at the time of your response so that we may determine our client's options on how to proceed. To aid you in your review please see the proposed undertaking's information is as follows:

Attached (or Enclosed), please find the requested materials which include site photographs taken in all four directions (north, south, east, and west) from the center of the proposed undertaking, a project summary, an aerial photograph, a topographic map, and form 620 (if requested).

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As part of our research, Lotis has or will shortly be consulting with the Office of Historic Preservation:



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Lotis Environmental, LLC

8899 Main Street, Suite 107

Williamsville, NY 14221
23-1515-240-6779



Department of Parks & Recreation (through FCC's E-106 filing protocols), as well as other Native American tribes. If you have requested the SHPO's response to be sent with the review materials, Lotis will forward the letter once it has been received.

Per the FCC Second Report and Order, released on March 30, 2018, and implemented on July 2, 2018, "... we clarify that applicants have no legal obligation to pay up-front fees when providing Tribal Nations and NHOs with an opportunity to comment on proposed facilities deployments". Please note, this letter is not a request for review but an invitation giving the tribe the opportunity to review impact to affiliated areas/properties within the APE. Therefore, per the applicant's request, Lotis will not be submitting any requested upfront review fees in exchange for review or comment of the proposed undertaking and will be following the FCC protocols for Section 106 consultation with Tribal Nations and NHOs. Lotis apologizes for any inconvenience this may cause.

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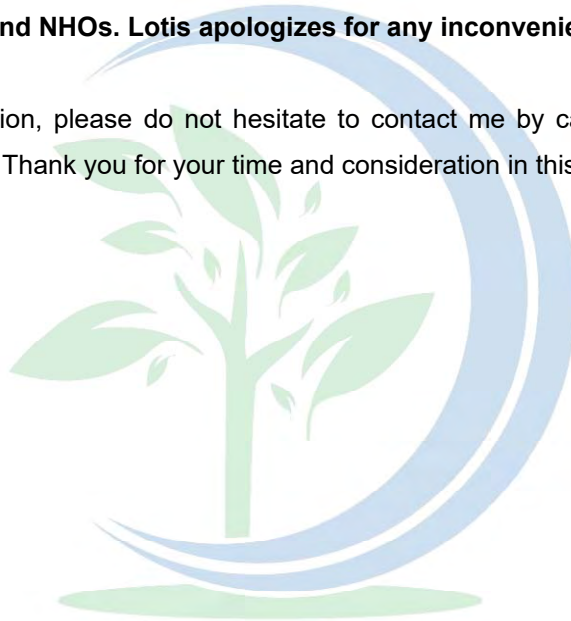
Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1615-2416-379

Proof of Tribal/NHO Submission(s)

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:07 PM
To: 'bernadette.nieto@washoetribe.us'; 'darrel.cruz@washoetribe.us'
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

To Whom It May Concern,

Please see the Dropbox link for the submission of the above addressed TCNS project known as "Diamond Springs" located in El Dorado County, California for the proposed undertaking. Once you have selected the link, a tab will open in your browser and load our PDF submission. This PDF submission will include a cover letter, project summary, site photos, site maps, and a cultural resource survey report which will detail the investigation conducted on identifying cultural resources/properties located in both the Direct and Visual APE of the proposed undertaking. Additionally, it will have a recommendation of effect which we are providing to you as an opportunity to review and comment. Lastly, I have also attached a .kmz file. Once selected, this file will upload to Google Earth (in the temporary folder) and bring you directly to the "pinpoint" coordinates of the proposed tower location. I have included this file so you can review the surrounding habitat/area in its current state (or near current state) without the confined limitations of the aerial photos provided in Attachment 2. In order to keep consultation to a timely manner, if requested, we will be submitting the SHPO response to you once it has been received.

Submittal Link:

<https://www.dropbox.com/s/seolc70hzilejvx/Washoe%20Tribe%20of%20Nevada%20%26%20California%202.11.23.pdf?dl=0>

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

Jr. Data Manager



8899 Main Street – Suite 107
Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:07 PM
To: 'miwokmaidu@yahoo.com'; 'pcubbler@colfaxrancheria.com'
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

To Whom It May Concern,

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Submittal Link: <https://www.dropbox.com/s/5oa6npr5e7tcz0q/Colfax-Todds%20Valley%20Consolidated%20Tribe%202.11.23.pdf?dl=0>

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

Jr. Data Manager



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Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: tsi-akim-maidu@att.net
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

To Whom It May Concern,

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Submittal Link: <https://www.dropbox.com/s/nrapf1lmaqsafda/Tsi%20Akim%20Maidu%202.11.23.pdf?dl=0>

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

Jr. Data Manager



8899 Main Street – Suite 107
Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: rcuellar@ssband.org
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

To Whom It May Concern,

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Submittal Link:

<https://www.dropbox.com/s/ukjg81qld19ksf3/Shingle%20Springs%20Band%20of%20Miwok%20Indians%202.11.23.pdf?dl=0>

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

Jr. Data Manager



8899 Main Street – Suite 107
Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: 'shutchason@wiltonrancheria-nsn.gov'; 'cpd@wiltonrancheria-nsn.gov'; 'jtarango@wiltonrancheria-nsn.gov'; 'dbrown@wiltonrancheria-nsn.gov'
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096- "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

To Whom It May Concern,

Please see the Dropbox link for the submission of the above addressed TCNS project known as "B!H" (BDiamond Springs) "B!" (B located in El Dorado County, California for the proposed undertaking. Once you have selected the link, a tab will open in your browser and load our PDF submission. This PDF submission will include a cover letter, project summary, site photos, site maps, and a cultural resource survey report which will detail the investigation conducted on identifying cultural resources/properties located in both the Direct and Visual APE of the proposed undertaking. Additionally, it will have a recommendation of effect which we are providing to you as an opportunity to review and comment. Lastly, I have also attached a .kmz file. Once selected, this file will upload to Google Earth (in the temporary folder) and bring you directly to the "B!H" (Bpinpoint) "B!" (B coordinates of the proposed tower location. I have included this file so you can review the surrounding habitat/area in its current state (or near current state) without the confined limitations of the aerial photos provided in Attachment 2. In order to keep consultation to a timely manner, if requested, we will be submitting the SHPO response to you once it has been received.

Submittal Link: <https://www.dropbox.com/s/gyubbdm4kp0hkb6/Wilton%20Rancheria%202.11.23.pdf?dl=0>

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

Jr. Data Manager



8899 Main Street – Suite 107
Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: 'Kperry@ssband.org'
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

To Whom It May Concern,

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Submittal Link: [pd@wiltonrancheria "Diamond Springs" \(Insn.go](#)

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

Jr. Data Manager



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Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: 'Consultation@ionemiwok.net'; 'culturalcommittee@ionemiwok.net'
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

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Submittal Link:

<https://www.dropbox.com/s/1ifoin9taf89ijx/lone%20Band%20of%20Miwok%20Indians%202.11.23.pdf?dl=0>

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Jordan Braden

Jr. Data Manager



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Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: bguth@auburnrancheria.com
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

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Submittal Link:

<https://www.dropbox.com/s/3a01zst93f1m0ky/United%20Auburn%20Indian%20Community%20%202.11.23.pdf?dl=0>

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Jr. Data Manager



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Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

David Robinson

From: David Robinson
Sent: Saturday, February 11, 2023 6:06 PM
To: Northwesternbandshoshonetcnsfcc@outlook.com; garymontana@montanaandassociates.com
Subject: Section 106 for TCNS# 260865 proposed telecommunication project LOTIS# VBBTS_096– "Diamond Springs" US-CA-7310
Attachments: Diamond Springs US-CA-7310.kmz
Importance: High

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Submittal Link:

<https://www.dropbox.com/s/sa6um1xz7wg4k0k/Northwestern%20Band%20of%20Shoshone%20Nation%202.11.23.pdf?dl=0>

Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you for your time and consideration.

Jordan Braden

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Mobile: 417.839.3701
Braden@thelotisgroup.com

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KELLY R REIDY THE LOTIS ENGINEERING GROUP 8899 MAIN ST # 107 WILLIAMSVILLE NY 14221-7628		Expected Delivery Date: 02/16/23 Ref#: 231440 0000	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">B013</div>			
	ATTN: THPO DANIEL FONSECA ATTN: THPO DANIEL FONSECA PO BOX 1340 SHINGLE SPGS CA 95682-1340		
USPS TRACKING #			
			
9405 5036 9930 0478 9876 80			
Electronic Rate Approved #038555749			

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	PRIORITY MAIL®		
KELLY R REIDY THE LOTIS ENGINEERING GROUP 8899 MAIN ST # 107 WILLIAMSVILLE NY 14221-7628		Expected Delivery Date: 02/16/23 Ref#: 260865 0000	
		C013	
	ATTN: STEVEN HUTCHASON WILTON RANCHERIA 9728 KENT ST ELK GROVE CA 95624-2453		
USPS TRACKING #			
			
9405 5036 9930 0479 0433 78			
Electronic Rate Approved #038555749			

 UNITED STATES POSTAL SERVICE®		Click-N-Ship®	
P	usps.com 9405 5036 9930 0479 0433 85 0096 5000 0034 3211 \$9.65 US POSTAGE Flat Rate Env	U.S. POSTAGE PAID Click-N-Ship®	
	02/13/2023 Mailed from 14221 986766019250658		
	PRIORITY MAIL®		
KELLY R REIDY THE LOTIS ENGINEERING GROUP 8899 MAIN ST # 107 WILLIAMSVILLE NY 14221-7628		Expected Delivery Date: 02/15/23 Ref#: 261789 0000	
		C021	
	ATTN: NATHAN J YOUN OHIO HISTORY CONNECTION: SHPO 800 E 17TH AVE COLUMBUS OH 43211-2474		
USPS TRACKING #			
			
9405 5036 9930 0479 0433 85			
Electronic Rate Approved #038555749			

Cut on dotted line.



Tribal/NHO Response(s)

Rio Maligaya

From: towernotifyinfo@fcc.gov
Sent: Thursday, March 23, 2023 9:01 AM
To: NEPA NHPA
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #33680

RowStar, LLC
Miles C Walz Salvador
8899 Main Street, Suite 107
Williamsville, NY 14221

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 03/16/2023 and 03/23/2023. Our contact with these Tribal Nations or NHOs was sent on 03/23/2023.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 03/23/2023, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Jill Springer
Federal Preservation Officer
Federal Communications Commission
jill.springer@fcc.gov

1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).
2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

Tribe Name: Kiowa Indian Tribe THPO
Tribe Name: Mescalero Apache Tribe
Tribe Name: Pueblo of Zuni
Tribe Name: Tohono O'odham Nation

TCNS# 260877 Referred Date: 03/17/2023 Location: 20527 Main Street, Stratford, CA
Detailed Description of Project: Aqua Vista is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

Tribe Name: Eastern Shoshone Tribe
Tribe Name: Northwestern Band of Shoshone Nation
Tribe Name: Santa Rosa Rancheria Tachi Yokut Tribe

TCNS# 260865 Referred Date: 03/17/2023 Location: 1550 Pleasant Valley Road, Placerville, CA
Detailed Description of Project: Diamond Springs is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

Tribe Name: Eastern Shoshone Tribe
Tribe Name: Northwestern Band of Shoshone Nation
Tribe Name: Shingle Springs Rancheria
Tribe Name: Wilton Rancheria

TCNS# 260876 Referred Date: 03/21/2023 Location: High Campus Road, El Paso, TX
Detailed Description of Project: Horizon is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

Tribe Name: Comanche Nation

TCNS# 261780 Referred Date: 03/21/2023 Location: Near 9219 Stouts Road, Kimberly, AL
Detailed Description of Project: A proposed telecommunication tower known as Kimberly and associated equipment within a leased area that includes a access, utility and guy wire (if applicable) easements.

Tribe Name: Alabama Quassarte Tribal Town
Tribe Name: Alabama-Coushatta Tribe of Texas
Tribe Name: Coushatta Indian Tribe
Tribe Name: Kialegee Tribal Town
Tribe Name: Shawnee Tribe
Tribe Name: Thlopthlocco Tribal Town

TCNS# 261785 Referred Date: 03/21/2023 Location: 33284 Tolt River Rd NE, Carnation, WA
Detailed Description of Project: A proposed telecommunication tower known as Tolt Highlands and associated equipment within a leased area that includes a access, utility and guy wire (if applicable) easements.

Tribe Name: Blackfeet Nation
Tribe Name: Eastern Shoshone Tribe
Tribe Name: Muckleshoot Indian Tribe
Tribe Name: Puyallup Tribe of Indians
Tribe Name: Stillaguamish Tribe of Indians
Tribe Name: Suquamish Tribe
Tribe Name: Tulalip Tribes of the Tulalip Reservation
Tribe Name: Upper Skagit Indian Tribe

TCNS# 261787 Referred Date: 03/21/2023 Location: 602 Linder Boulevard, Greenville, IL
Detailed Description of Project: A proposed telecommunication tower known as Bond County and associated equipment within a leased area that includes a access, utility and guy wire (if applicable) easements.

Tribe Name: Absentee-Shawnee Tribe of Indians of Oklahoma
Tribe Name: Chippewa Cree Tribe of the Rocky Boy's Reservation
Tribe Name: Ho-Chunk Nation
Tribe Name: Iowa Tribe of Oklahoma
Tribe Name: Kaw Nation
Tribe Name: Kickapoo Tribe of Oklahoma

TCNS# 259826 Referred Date: 03/22/2023 Location: near FM 1696, Iola, TX

Detailed Description of Project: From our understanding of similar projects an array of one to six structures no greater than 25 feet in height may be expected.

Tribe Name: Tonkawa Tribe

TCNS# 262434 Referred Date: 03/22/2023 Location: near 5692 N Dardeman Rd, Justin, TX

Detailed Description of Project: Morris Branch is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

Tribe Name: Comanche Nation

Tribe Name: Northern Cheyenne Tribe

Tribe Name: Tonkawa Tribe

LEGEND:

* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.

Appendix **E**

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRMette)

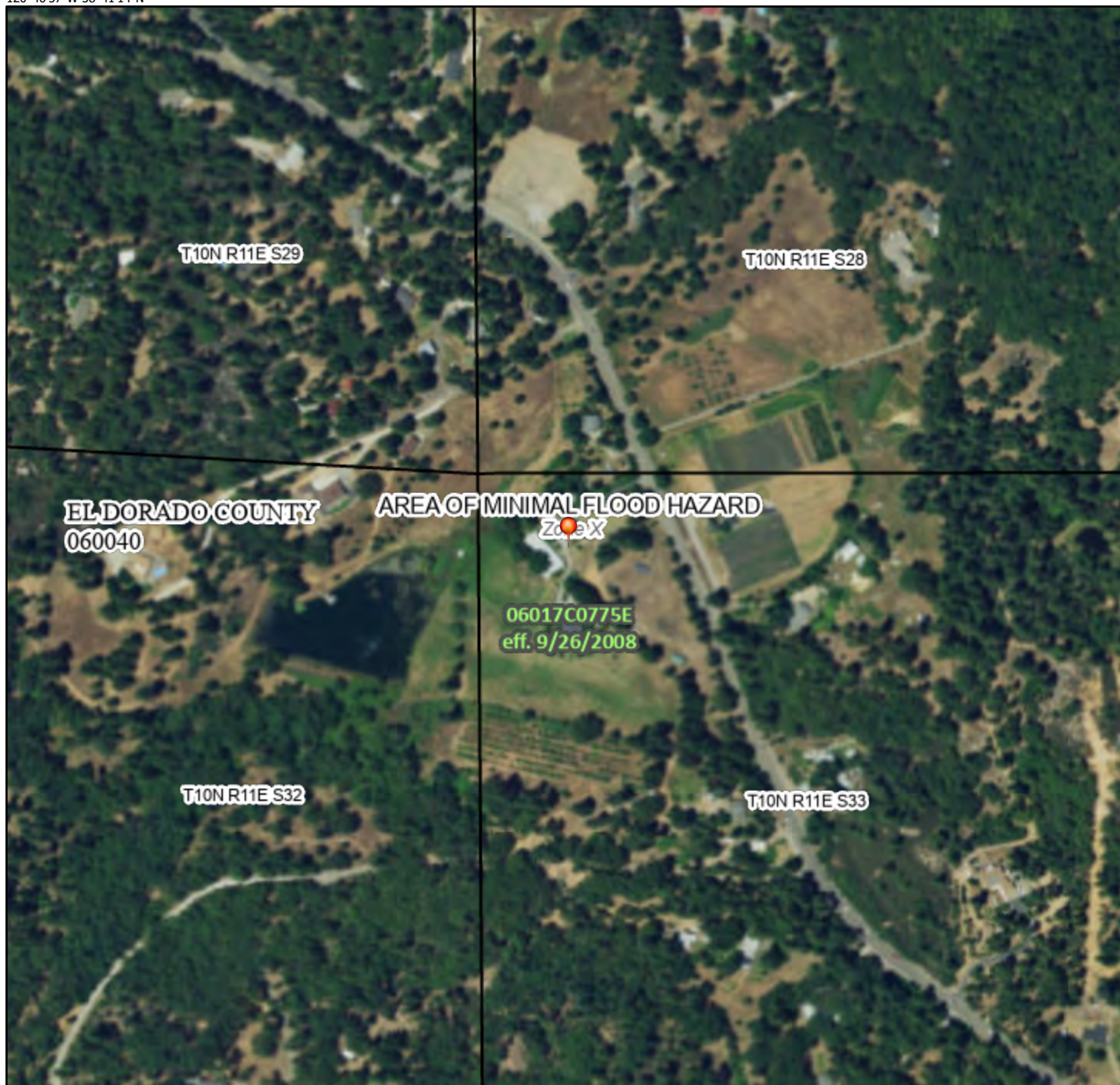
National Flood Hazard Layer FIRMette

CUP23-0004 Pleasant Valley Monopine

Pinpoint Attachments 1-9



120°46'57"W 38°41'14"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

120°46'20"W 38°40'46"N

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/1/2023 at 1:18 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix **F**

United States Fish and Wildlife Service (USFWS) National Wetland Inventory Map (NWIM)



U.S. Fish and Wildlife Service

National Wetlands Inventory

CUP23-0004 Pleasant Valley Monopine

ents 1-9

Wetlands



February 1, 2023

Wetlands



Estuarine and Marine Deepwater



Estuarine and Marine Wetland



Freshwater Emergent Wetland



Freshwater Forested/Shrub Wetland



Freshwater Pond



Lake



Other



Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

23-1513 F 261 of 579

National Wetlands Inventory (NWI)

This page was produced by the NWI mapper

Appendix **G**

California National Scenic Trail Review

The California National Scenic Trail Submission

Note:

In the interest of efficiency and economy, attachments included in the original submission under this section are not duplicated throughout this NEPA Summary. The following attachment(s), found at the conclusion of this report, were included in the original submission:

- ***Proposed Project Summary***
- ***Attachment 1 - Maps***
- ***Attachment 2 - Photographs***



February 26, 2023

California National Historic Trail
Attn: Carole Wendler
Submitted via email: carole_wendler@nps.gov

RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California; VB BTS II, LLC

To Whom It May Concern,

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation within the general vicinity of 1550 Pleasant Valley Road; Placerville, El Dorado, California, 95667. Lotis Environmental, LLC (Lotis), is preparing an environmental and cultural resource review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence an invitation to the to comment on the possible effects the proposed undertaking may have on the California National Historic Trail.

Attached, please find information pertaining to the proposed undertaking. This information includes a project summary, an aerial photograph, a topographic map, and photographs of the proposed undertaking's site and adjacent properties.

Lotis respectfully requests that you provide comment within 15 days regarding the possible effects of this undertaking on historic properties. If a response is not received within 15 days, Lotis will assume you have no interest/concern with the proposed undertaking. Should you require additional information, please do not hesitate to contact me at (716) 276-8707. Thank you for your time and consideration in this regard.

Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador". The signature is written in a cursive, flowing style.

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com

Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1515-2648-379

Proof of California National Scenic Trail Submission

NEPA NHPA

From: NEPA NHPA
Sent: Sunday, February 26, 2023 8:04 PM
To: carole_wendler@nps.gov
Cc: Miles Walz-Salvador; Jordan Braden
Subject: Opportunity to comment on proposed telecommunication project LOTIS# VBBTS_096 – "Diamond Springs" US-CA-7310
Attachments: NST Diamond Springs Sub 2.26.2023.pdf; Diamond Springs US-CA-7310.kmz
Importance: High

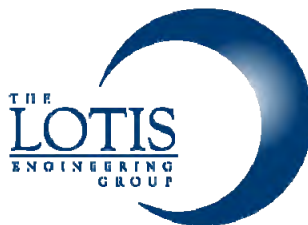
To Whom It May Concern:

Lotis is completing due diligence for the above proposed telecommunication project known as "**Diamond Springs**". Part of this due diligence providing the National Scenic Historic Trail manager the opportunity to comment on whether or not the proposed telecommunications project will have an effect on the trail. I have attached the project summary, site maps, KMZ file (for Google Earth aerial view) and site photos of the proposed undertakings general scope of work location.

Should you not respond within 30 days we will assume you have no concern or comment regarding the proposed undertaking. However, should you not want to comment we ask that you state so in a response to aid us in our timeline for this project. Should you have an additional request for information, please feel free to contact my supervisor via phone at (314)-913-0505 or by responding all to this email. We will do our best to supplement you with any additional documentation or information regarding the proposed undertaking.

Thank you!

Jordan Braden
Jr. Data Manager



8899 Main Street – Suite 107
Williamsville, NY 14221
www.thelotisgroup.com

Phone: 716.580.7000
Mobile: 417.839.3701
Braden@thelotisgroup.com

***The California National Scenic Trail Response
(NONE)***

PROPOSED PROJECT SUMMARY

Site Name: **Diamond Springs**

Site Address: **1550 Pleasant Valley Road
Placerville, California 95667**

Latitude/Longitude: **38° 40' 57.7" ±N / -120° 46' 35.09" ±W**

County: **El Dorado County**

UTM: **Zone: 10S East: 693412 North: 4283911**

Legal Description: **Township: 10N, Range: 11E, Section: 33**

Consultant Information: **Company: Lotis Environmental, LLC (Lotis)
Consultant: Miles Walz-Salvador
Email: NEPA.NHPA@TheLotisGroup.com
Address: 8899 Main Street - Suite 107,
Williamsville, NY 14221
Phone: (716) 580-7000**

Project Description: **Proposed Construction of a 100' (110' including all appurtenances)' monopine telecommunication tower within a 40' by 40' lease area. A proposed 10' by 760' access/utility easement will extend northeast connecting with Pleasant Valley Road. Additionally, a proposed 5' by 300' utility easement will extend north connecting with existing utilities.**

Project Impacts: **Excavation and grade work to install tower foundation, utilities and access easements.**

Project Area: **Square Footage: ~10,700.00 / Acres: ~0.246**

Present Land Use: **residential land**

Past Land Use: **agricultural land**

Attachment **1**

Maps and Survey



Lease Area (Far)

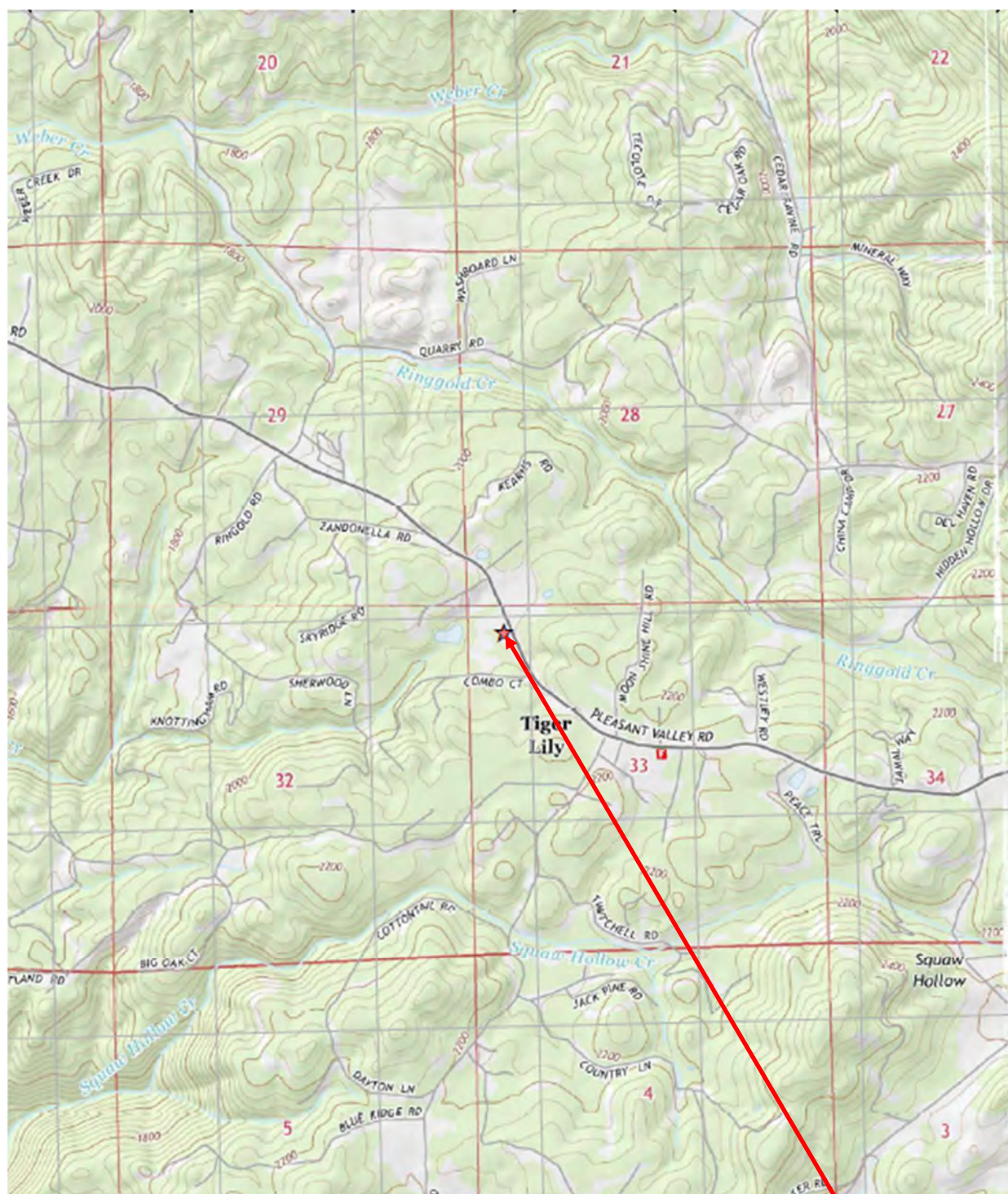


Lease Area (Close)

Aerial Images – Vicinity Maps
VB BTS II, LLC
Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667

Photographed
2020





Site Location

USGS 7.5 Minute Topographic Map
VB BTS II, LLC
Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667





A.J.Koltavary/Civil Engineers & Land Surveyors

1-A COORDINATES/ ELEVATION ACCURACY CERTIFICATION, FOR VERTICAL BRIDGE

DATE: DECEMBER 13, 2022
SITE NAME: US-CA-7310
SITE LOCATION (CLOSEST ADDRESS): 1550 PLEASANT VALLEY RD., PLACERVILLE, CA 95667
TYPE OF STRUCTURE: MONOPINE

NAD 83 COORDINATES:

LATITUDE: 38°40'57.70" N (38.682694°)
LONGITUDE: 120°46'35.09" W (-120.776414°)

ELEVATIONS (NAVD88) A.M.S.L

GROUND ELEVATION AT BASE OF MONOPINE = 2076.97' ±
TOP OF PROPOSED MONOPINE BRANCHES = 2176.97' ±
RAD CENTER OF PROPOSED ANTENNAS = 2167.97' ±

MEASURED A.G.L HEIGHTS

TOP OF PROPOSED MONOPINE = 100' - 0" ±
RAD CENTER OF PROPOSED ANTENNAS = 91' - 0" ±

METHODOLOGY

GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING LEICA GS 18 RECEIVER, RTK GNSS OBSERVATION AND TS12P TOTAL STATION. POST PROCESSING BY LEICA SOFTWARE. CALIFORNIA ZONE 4.

BENCHMARK REFERENCE: LEICA SMARTNET NETWORK, ADJUSTED JULY 2021.
SURVEY DATE: NOVEMBER 14, 2022

CERTIFICATION: I THE UNDERSIGNED, A REGISTERED CIVIL ENGINEER, LICENSED UNDER THE LAWS OF THE STATE OF CALIFORNIA TO PRACTICE LAND SURVEYING, DO HEREBY CERTIFY THE LATITUDE AND LONGITUDE COORDINATES AND ELEVATIONS ABOVE MEAN SEA LEVEL LISTED ABOVE ARE BASED ON A FIELD SURVEY DONE UNDER MY SUPERVISION, AND THAT THE ACCURACY OF THOSE COORDINATES MEET OR EXCEED 1-A STANDARDS (HORIZONTAL ACCURACY ± 15 FEET AND VERTICAL ACCURACY ± 3 FEET) AS DEFINED IN THE F.A.A. ASAC INFORMATION SHEET 91:003, AND THAT DATA ARE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ANDREW J. KOLTAVARY, RCE 26571, EXPIRATION: 03/31/2024



PROJECT DESCRIPTION:

CONSTRUCTION OF TELECOMMUNICATIONS AND PUBLIC UTILITY FACILITY, CONSISTING OF A 100'-0" MONOPINE WITH (12) 8' ANTENNAS, (6) RRU'S, (1) 2' MICROWAVE, (1) GPS ANTENNA, REQUIRED ANTENNA CABLING, HCS JUMPERS, (2) GROUND MOUNTED RADIO CABINETS ON A RAISED CONCRETE PAD, CABLE ICE BRIDGE, UTILITY BACKBOARD AND MULTI-METER UTILITY SERVICE MOUNTED ON H-FRAME WITHIN A 40'x40' FENCED LEASE AREA. NO WATER OR SEWER SERVICE IS REQUIRED. THIS WILL BE AN UNMANNED FACILITY.

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2019 CALIFORNIA BUILDING CODE
2. 2019 CALIFORNIA TITLE 24
3. 2019 CALIFORNIA FIRE CODE
3. 2019 CALIFORNIA ELECTRIC CODE
4. 2019 CALIFORNIA ENERGY CODE
5. 2019 CALIFORNIA MECHANICAL CODE
6. TIA/EIA-222-H OR LATEST EDITION
5. ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
6. CITY/COUNTY ORDINANCES



US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667
100'-0" MONOPINE
TENANT SITE ID: SC60515A

APPROVAL BLOCK				
		APPROVED	APPROVED AS NOTED	DISAPPROVED REVISE
VERTICAL BRIDGE	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERMITTING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEERING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



VICINITY MAP
N.T.S.

DRAWING INDEX	
DRWG. #	TITLE
T-1	TITLE SHEET
LS-1	TITLE SHEET
LS-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED COMPOUND PLAN
A-3	EQUIPMENT AND ANTENNA PLAN
A-4	ELEVATIONS



LOCATION MAP
N.T.S.

PROJECT INFORMATION	
SITE NAME:	DIAMOND SPRINGS
SITE NUMBER:	US-CA-7310
TENANT SITE ID:	SC60515A
SITE ADDRESS:	1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
PARCEL #:	098-100-083-000
DEED REFERENCE:	N/A
ZONING CLASSIFICATION:	RESIDENTIAL ESTATE - 5 ACRES
ZONING JURISDICTION:	EL DORADO COUNTY
CONSTRUCTION TYPE:	V-B
OCCUPANCY:	U (UNMANNED TELECOM FACILITY)
NO. OF STORIES:	1 (ENCLOSURE ONLY)
SPRINKLER:	NONE
STRUCTURE TYPE:	MONOPINE
STRUCTURE HEIGHT:	100'-0"
CONSTRUCTION AREA:	1,600 SQ. FT.
GROUND ELEVATION:	2,076.97' (NAVD88)
LATITUDE (NAD 83):	38.682694° (38° 40' 57.70" N)
LONGITUDE (NAD 83):	-120.776414° (120° 46' 35.09" W)

EMERGENCY:
CALL 911



UNDERGROUND SERVICE ALERT
(800) 642-2444
WWW.CALIFORNIA811.ORG
CALL 2 TO 14 WORKING DAYS UTILITY NOTIFICATION
PRIOR TO CONSTRUCTION



PROJECT DIRECTORY	
PROPERTY OWNER:	DALLAS OLSON 1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
APPLICANT:	VERTICAL BRIDGE 750 PARK OF COMMERCE DRIVE, SUITE 200 BOCA RATON, FL 33487
CONTACT:	ASSURANCE DEVELOPMENT 1499 HUNTINGTON DR. #305 SOUTH PASADENA, CA 91030 CONTACT: BILL LEWIS PHONE: 626.765.5079
POWER COMPANY:	PG&E
TELCO COMPANY:	AT&T

CLIENT

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

0	ISSUED FOR ZONING	APP	12/14/22
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:

US-CA-7310
SC60515A
DIAMOND SPRINGS

1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:

TITLE SHEET

DRAWING SCALE:
AS NOTED

DATE: XXXX

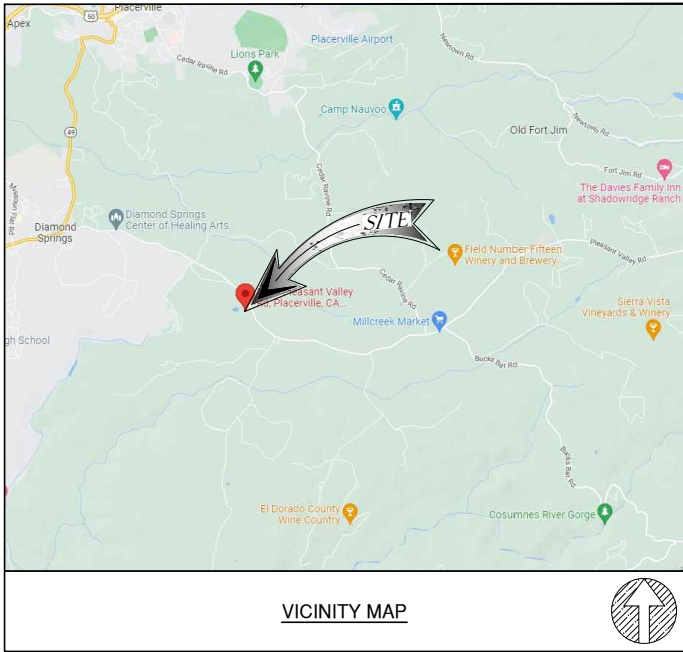
ZD

UNAUTHORIZED ALTERATION OR ADDITION TO
THIS DOCUMENT IS A VIOLATION OF
APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:

T-1

23-1515 P 273 of 579



APN

098-100-083-000, EL DORADO COUNTY

RECORD OWNER

DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AS JOINT TENANTS

TITLE REPORT

PRELIMINARY TITLE REPORT WAS PREPARED BY IRON CREST NATIONAL TITLE COMPANY WITH FILE NO. TWR-124252-C WITH EFFECTIVE DATE SEPTEMBER 29, 2022.

BASIS OF ELEVATIONS: (NAVD 1988)

SITE ELEVATIONS ARE ESTABLISHED FROM THE GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12A" MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "LEICA SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88, CALIFORNIA ZONE 4.

FLOOD ZONE

SITE IS LOCATED IN FLOOD ZONE "X" AS PER F.I.R.M. MAP NO. 06017C0775E EFFECTIVE DATE 09/26/2008

LEGAL DESCRIPTION

THE REAL PROPERTY IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, DESCRIBED AS: PARCEL ONE: ALL THAT PORTION OF SECTION 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A ¾ INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH ¼ CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET; THENCE FROM THE POINT OF BEGINNING NORTH 67°52'00" EAST, 373.11 FEET TO A SIMILAR PIPE ON THE SOUTHWESTERLY BOUNDARY OF COUNTY ROAD NO. 77; THENCE ALONG SAID BOUNDARY SOUTH 22°08'00" EAST 436.81 FEET TO A 1 ½ INCH CAPPED IRON PIPE; THENCE SOUTH 67°52'00" WEST 5.00 FEET TO A SIMILAR PIPE; THENCE SOUTH 22°12'30" EAST 299.89 FEET TO A SIMILAR PIPE; THENCE NORTH 67°52'00" EAST 10.00 FEET TO A SIMILAR PIPE; THENCE SOUTH 22°08'00" EAST 112.92 FEET; THENCE LEAVING SAID BOUNDARY AND ALONG THE NORTHERLY LINE OF THE LANDS OF WALTER E. WILLIAMS ET UX NORTH 76°58'00" WEST 7.30 FEET TO A 1 ½ INCH CAPPED IRON PIPE RIGHT OF WAY MONUMENT; THENCE GENERALLY ALONG A FENCE LINE NORTH 76°58'00" WEST 816.43 FEET TO A 5/8 INCH IRON BOLT; THENCE CONTINUING GENERALLY ALONG SAID FENCE LINE SOUTH 87°24'30" WEST 371.11 FEET TO A POINT FROM WHICH A 5/8 INCH IRON BAR IN A FENCE CORNER BEARS SOUTH 87°24'30" WEST 1021.00 FEET; THENCE LEAVING SAID FENCE LINE NORTH 46°35'15" EAST 691.78 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM ALL THAT PORTION THEREOF DESCRIBED IN THE DEED TO LOU JEAN E. BOGUSCH AN UNMARRIED WOMAN RECORDED MARCH 15, 196 IN BOOK 4652 AT PAGE 279, OFFICIAL RECORDS.

PARCEL TWO: ALL THAT PORTION OF SECTION 33, TOWNSHIP 10 NORTH, RANGE 11 EAST, M.D.M. MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE HEREIN DESCRIBED PROPERTY FROM WHICH POINT THE NORTH QUARTER OF SAID SECTION 33 BEARS THE FOLLOWING (3) THREE COURSES: (1) NORTH 30°03'20" WEST 364.30 FEET, (2) NORTH 65°10'30" EAST 428.34 FEET, AND (3) SOUTH 80°02'20" EAST 2,318.71 FEET; THENCE FROM SAID POINT OF BEGINNING NORTH 54°40'27" EAST 125.89 FEET; THENCE NORTH 58°41'32" EAST 95.00 FEET; THENCE SOUTH 31°18'28" EAST 44.45 FEET; THENCE SOUTH 67°52'00" WEST 223.44 FEET TO THE POINT OF BEGINNING.

SCHEDULE B PART II (EXCEPTIONS)

1. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

2. ANY RIGHTS, INTERESTS OR CLAIMS, WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF LAND OR WHICH MAY BE ASSERTED BY PERSONS IN POSSESSION THEREOF.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

3. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER MATTERS WHICH A CORRECT SURVEY WOULD DISCLOSE AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN IN THE PUBLIC RECORDS.

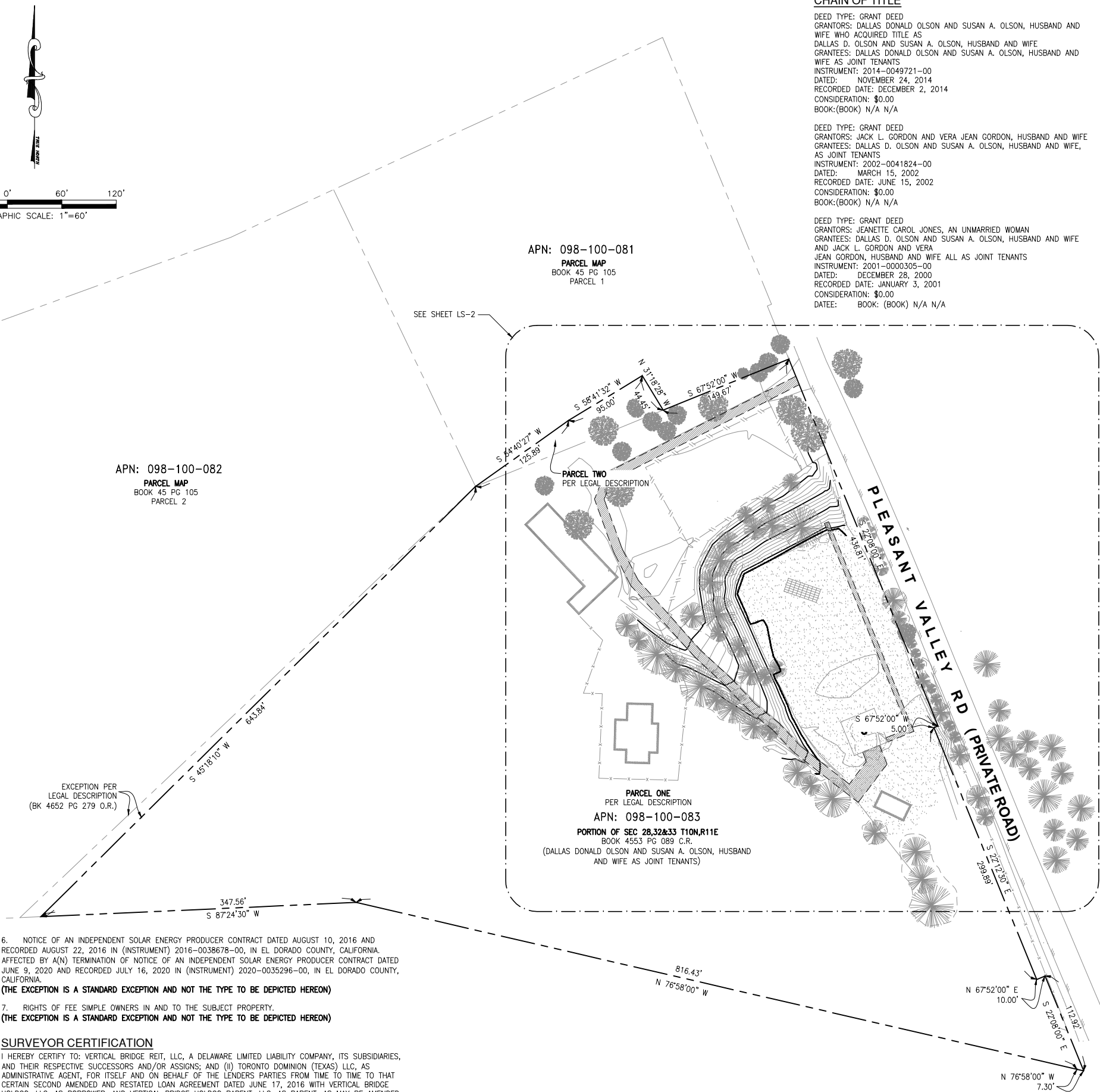
(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

4. TAXES AND ASSESSMENTS FOR THE YEAR AND ALL SUBSEQUENT YEARS ARE A LIEN BUT NOT YET DUE AND PAYABLE.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

5. NOTICE OF MANUFACTURED HOME (MOBILEHOME) OR COMMERCIAL COACH, INSTALLATION ON A FOUNDATION SYSTEM DATED FEBRUARY 21, 2006 AND RECORDED FEBRUARY 22, 2006 IN (INSTRUMENT) 2006-0011529-00, IN EL DORADO COUNTY, CALIFORNIA.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)



CHAIN OF TITLE

DEED TYPE: GRANT DEED
GRANTORS: DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE WHO ACQUIRED TITLE AS DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE
GRANTEES: DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AS JOINT TENANTS
INSTRUMENT: 2014-0049721-00
DATED: NOVEMBER 24, 2014
RECORDED DATE: DECEMBER 2, 2014
CONSIDERATION: \$0.00
BOOK:(BOOK) N/A N/A

DEED TYPE: GRANT DEED
GRANTORS: JACK L. GORDON AND VERA JEAN GORDON, HUSBAND AND WIFE
GRANTEES: DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE, AS JOINT TENANTS
INSTRUMENT: 2002-0041824-00
DATED: MARCH 15, 2002
RECORDED DATE: JUNE 15, 2002
CONSIDERATION: \$0.00
BOOK:(BOOK) N/A N/A

DEED TYPE: GRANT DEED
GRANTORS: JEANETTE CAROL JONES, AN UNMARRIED WOMAN
GRANTEES: DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AND JACK L. GORDON AND VERA JEAN GORDON, HUSBAND AND WIFE ALL AS JOINT TENANTS
INSTRUMENT: 2001-0000305-00
DATED: DECEMBER 28, 2000
RECORDED DATE: JANUARY 3, 2001
CONSIDERATION: \$0.00
DATEE: BOOK: (BOOK) N/A N/A

ANDREW J. KOLTAVARY, REGISTERED PROFESSIONAL ENGINEER
No. 26571
EXP. 03/31/24
CIVIL
STATE OF CALIFORNIA

DECEMBER 13, 2022
DATE

ENCROACHMENT STATEMENT GUIDELINES

AT THE TIME OF THE SURVEY, NO VISIBLE ENCROACHMENTS WERE EVIDENT ONTO OR BEYOND THE LEASE AREA OR ANY VB EASEMENTS.

SURVEY PREPARED FOR:

verticalbridge
VB BTS II, LLC

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD
ASSURANCE
DEVELOPMENT

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.216.2024

ENGINEER



23072 LAKE CENTER DR., SUITE 211
LAKE FOREST, CA 92630
714.624.9027

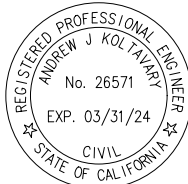
NO.	SUBMITTAL / REVISION	BY	DATE
2	LEASE/ACCESS EASEMENT	LJ	12/13/22
1	FINAL SURVEY	LJ	11/28/22
0	PRELIMINARY SURVEY	AB	11/18/22

DRAWN: AB
DESIGNED: AJK
CHECKED: AJK

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
US-CA-7310
SC60515
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD
PLACERVILLE, CA 95667

ENGINEER STAMP:



DRAWING TITLE:

TITLE SHEET

DRAWING SCALE:
AS NOTED

DATE:
12/13/2022

UNAUTHORIZED ALTERATION OR ADDITION TO
THIS DOCUMENT IS A VIOLATION OF
APPLICABLE STATE AND / OR LOCAL LAWS

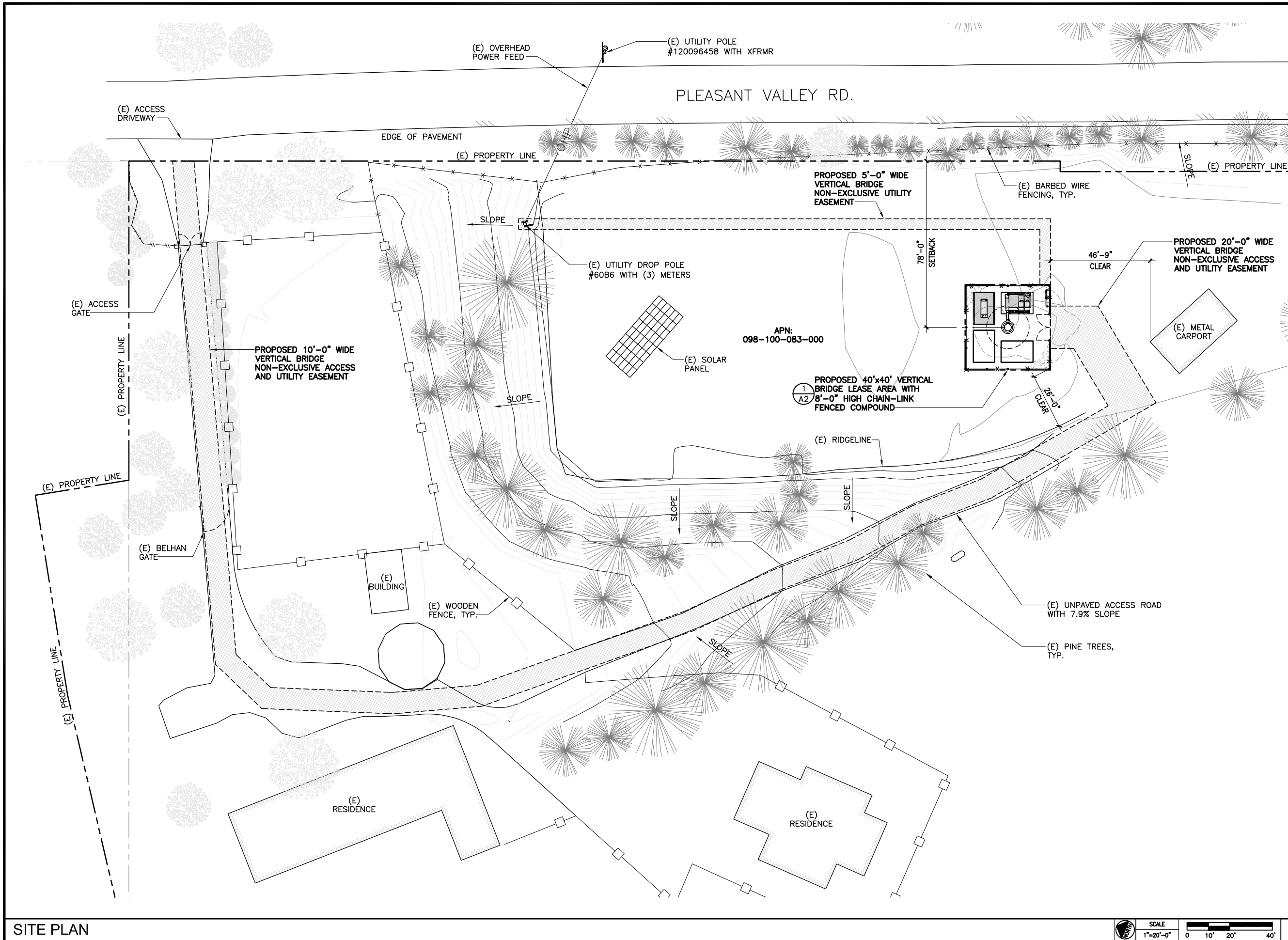
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LS-1
23-1513 F-274 of 579

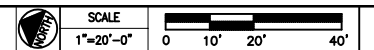
Exhibit F Attachments 1-9

LS-2
23-1513 F-275 of 579

SURVEY PREPARED FOR:



SITE PLAN



CLIENT

verticalbridge

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD
ASSURANCE
DEVELOPMENT

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

NO.	SUBMITTAL / REVISION	BY	DATE
0	ISSUED FOR ZONING	APP	12/14/22
A	ISSUED FOR REVIEW	APP	12/01/22

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:

**US-CA-7310
SC60515A
DIAMOND SPRINGS**

1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:

SITE PLAN

DRAWING SCALE:
AS NOTED

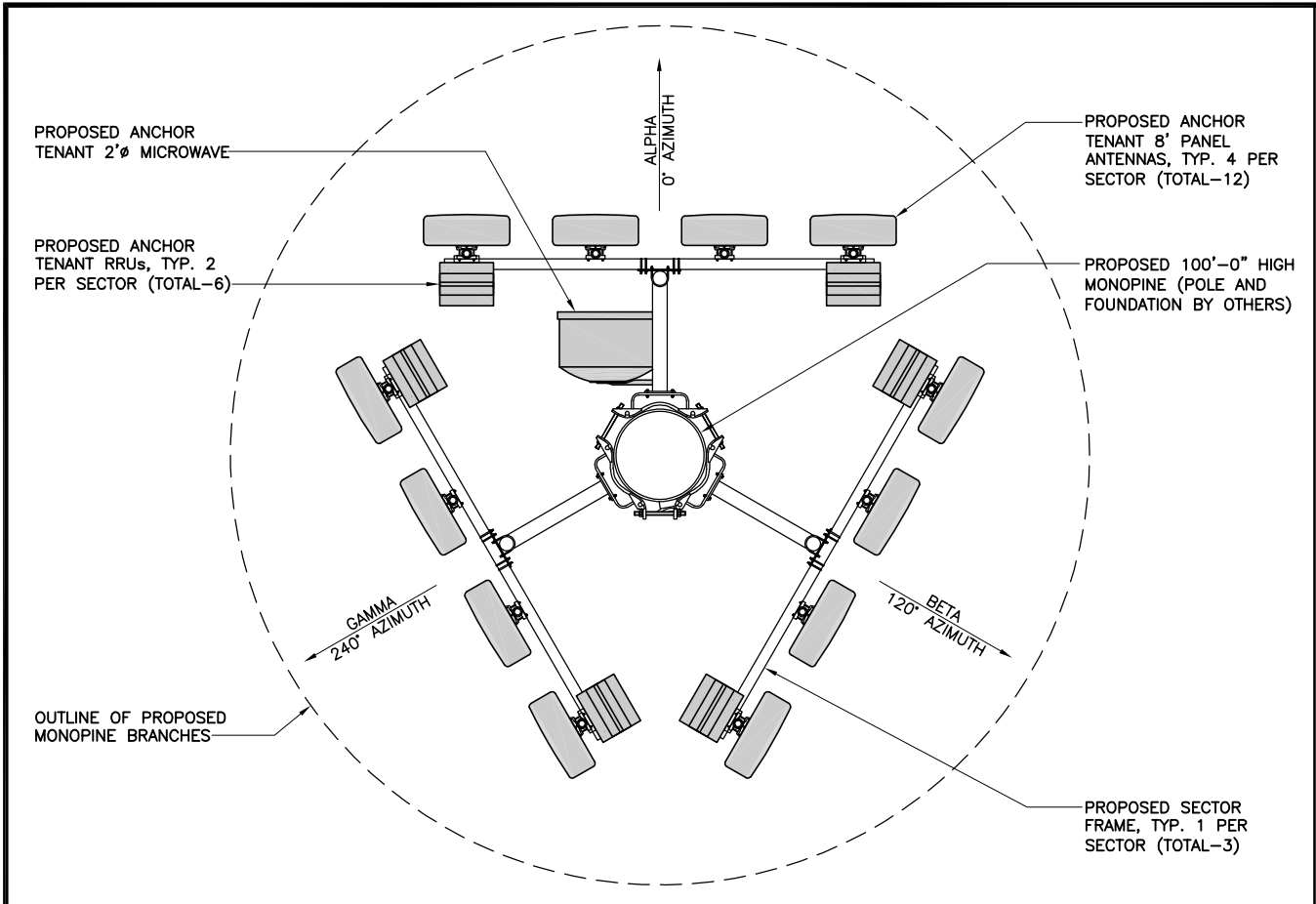
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APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:

A-1

23-1513 P 276 of 579

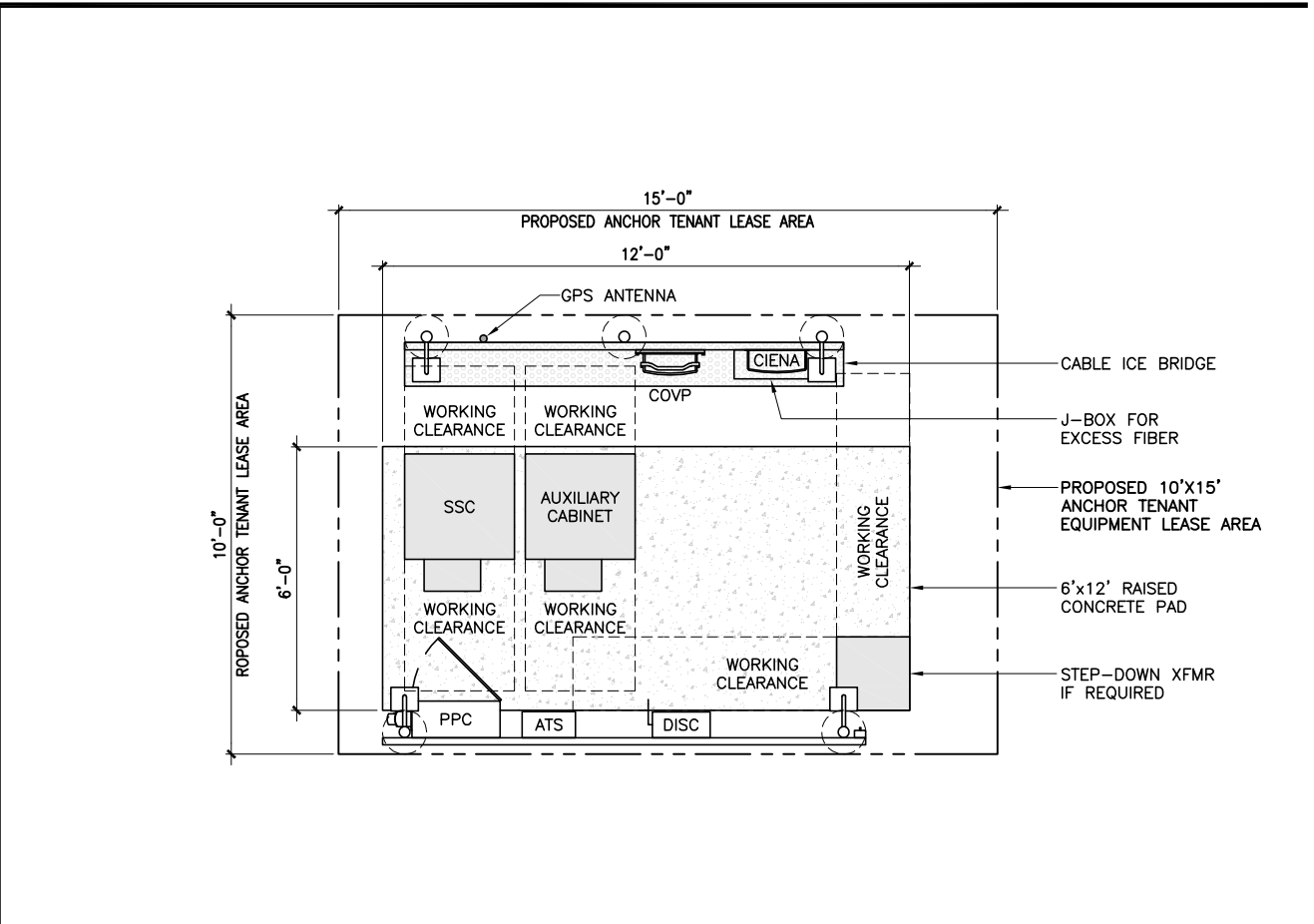


ANTENNA PLAN

SCALE
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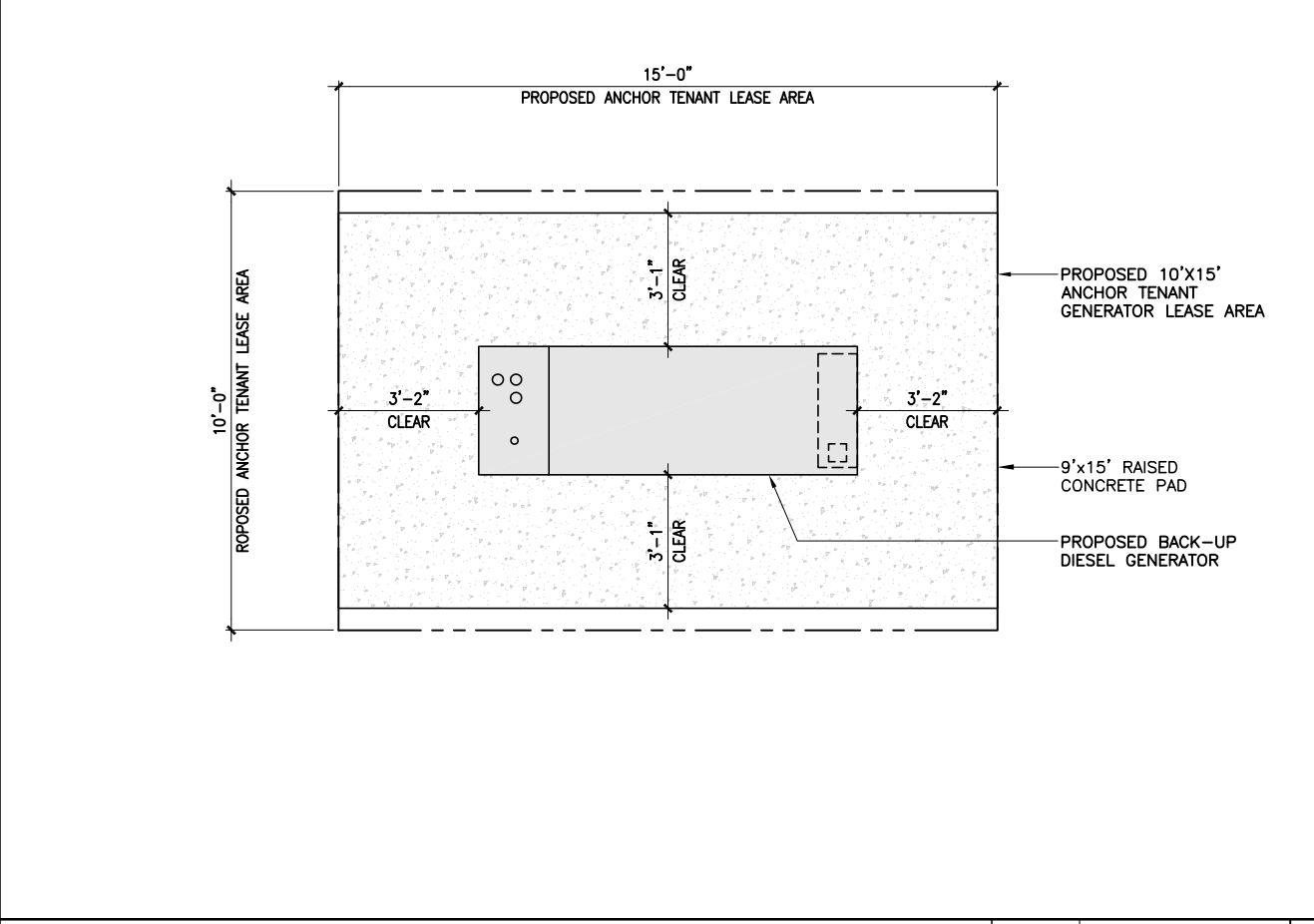
NOT USED

NOT USED



EQUIPMENT PLAN

SCALE
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EQUIPMENT PLAN

SCALE
1/2"=1'-0"
0 1' 2' 4'

CLIENT

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

0	ISSUED FOR ZONING	APP	12/14/22
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515A
DIAMOND SPRINGS**
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:
**EQUIPMENT AND
ANTENNA PLAN**

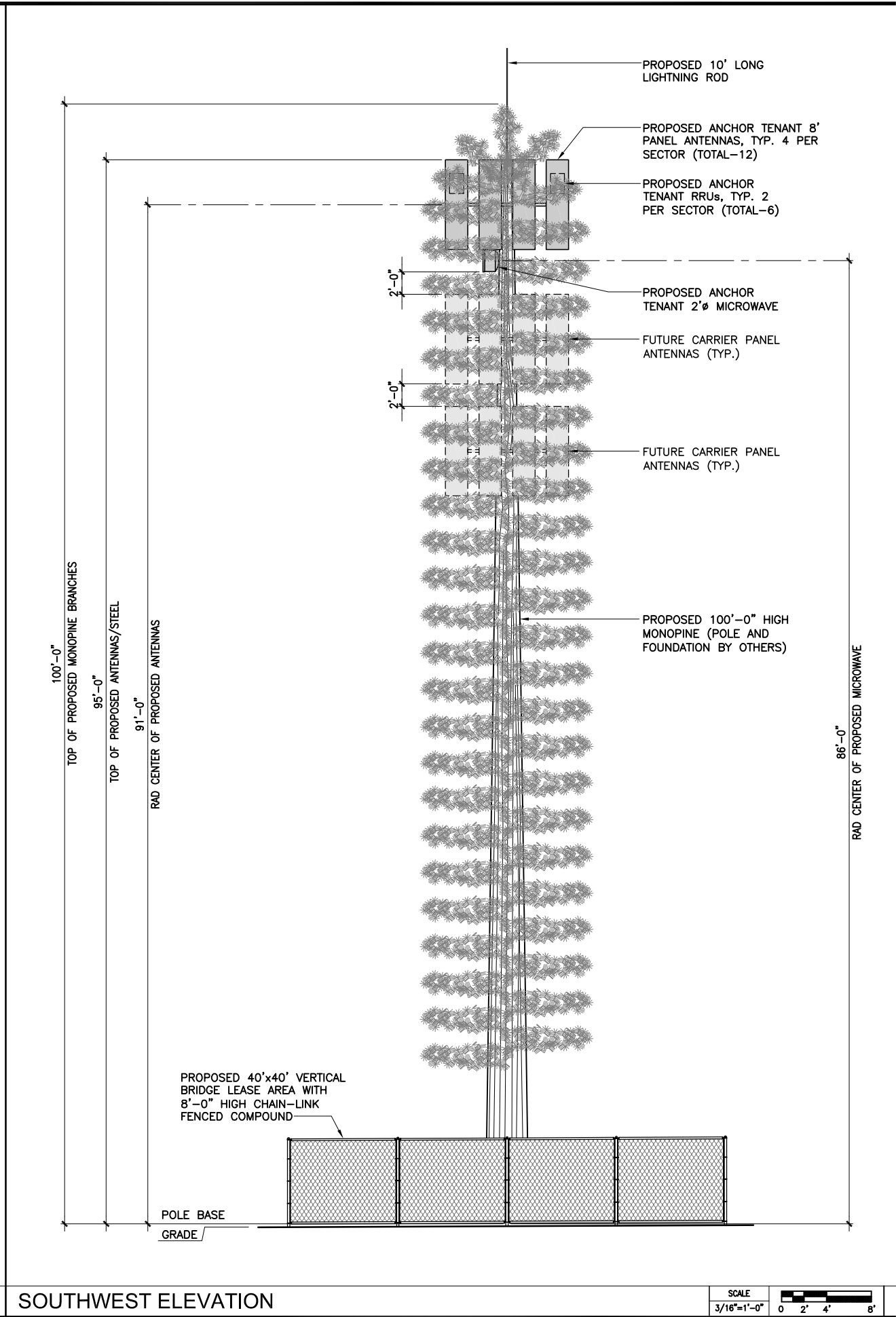
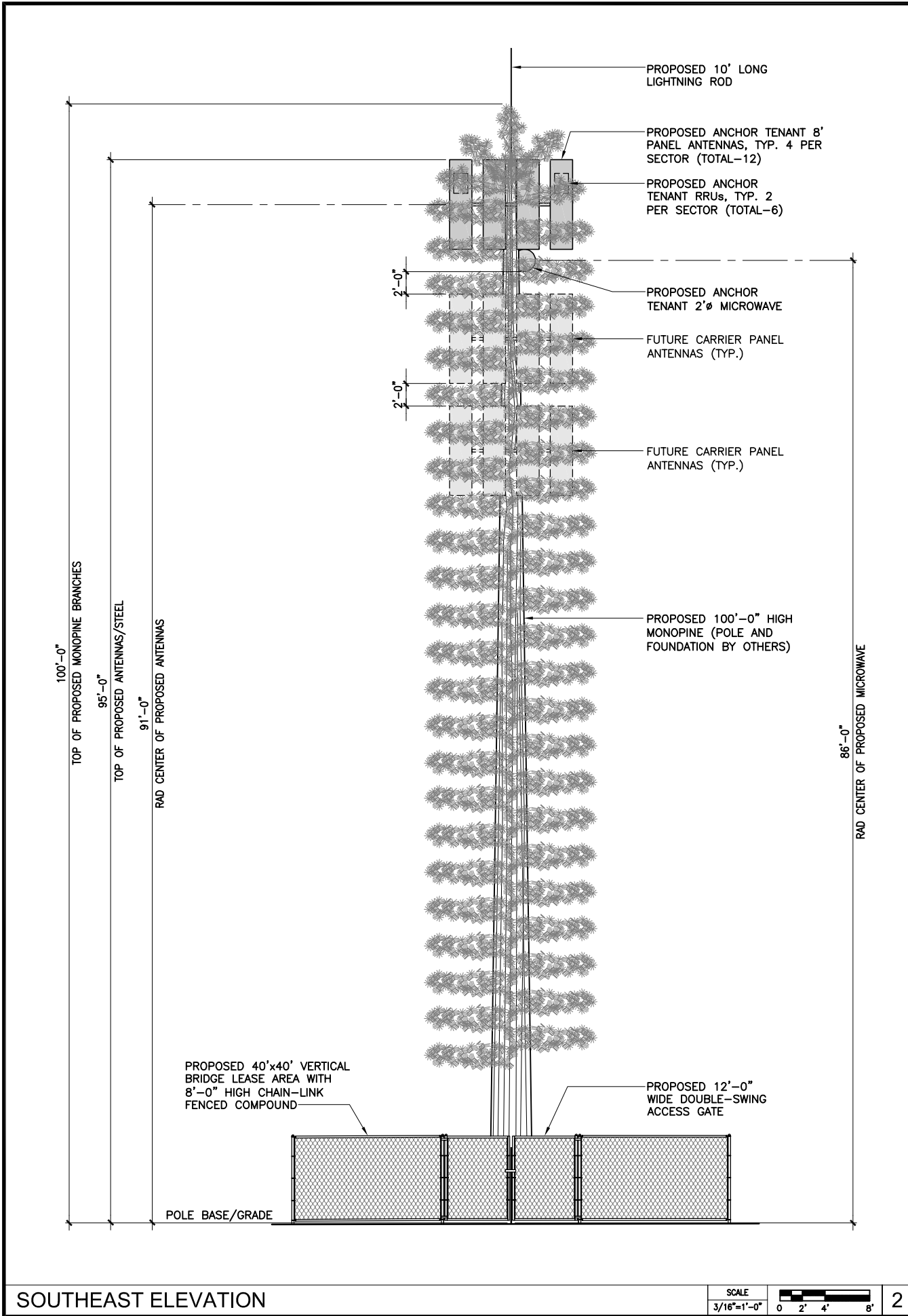
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23-1515 P 278 of 379



CLIENT

verticalbridge

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

AD
ASSURANCE
DEVELOPMENT

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

NO.	SUBMITTAL / REVISION	BY	DATE
0	ISSUED FOR ZONING	APP	12/14/22
A	ISSUED FOR REVIEW	APP	12/01/22

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515A
DIAMOND SPRINGS**
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:
ELEVATIONS

DRAWING SCALE:
AS NOTED

DATE: XXXX

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APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:
A-4

23-1513 P 279 of 579

Attachment **2**

Site Photographs



Site Photograph 1 – Looking north toward the proposed undertaking



Site Photograph 2 – Looking north away from the proposed undertaking

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667

Photographed:
January 12, 2023





Site Photograph 3 – Looking east toward the proposed undertaking



Site Photograph 4 – Looking east away from the proposed undertaking

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667

Photographed:
January 12, 2023





Site Photograph 5 – Looking south toward the proposed undertaking



Site Photograph 6 – Looking southeast away from the proposed undertaking

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667

Photographed:
January 12, 2023





Site Photograph 7 – Looking west toward the proposed undertaking



Site Photograph 8 – Looking west away from the proposed undertaking

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667

Photographed:
January 12, 2023





Site Photograph 9 – Looking northwest along the proposed access/utility easement



Site Photograph 10 – Looking east along to the existing power pole

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
Placerville, El Dorado County, California 95667

Photographed:
January 12, 2023



Attachment **3**

Areas of Potential Effect (APE)

Areas of Potential Effects

The term Area of Potential Effects (APE) is defined in Section II.A.3 of the *Nationwide Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*. For purposes of this project, the APE for direct effects and visual effects are further defined below.

Selection of APE for DIRECT EFFECTS

The DIRECT area of potential effect is defined as being “limited to the area of potential ground disturbance and any property, or any portion thereof that will be physically altered or destroyed by the Undertaking”.

Proposed Lease Area(s) – A 40' x 40' lease area around the 100' (110' including all appurtenances)' monopine tower and associated equipment.

Proposed Access Easement(s) – A 10-foot wide by ~760-foot-long easement extending generally east from the proposed lease area connecting with Pleasant Valley Road over residential land.

Proposed Utility Easement(s) – A 5-foot wide by ~300-foot long easement extending generally east from the proposed lease area connecting with Pleasant Valley Road over residential land.

Selection of APE for VISUAL EFFECTS

The VISUAL area of potential effects is defined as “the geographic area in which the undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a Historic Property that makes it eligible for listing on the National Register.”

APE for this site based on NPA - Within ½-mile radius from the tower site if the proposed tower is less than 200' in overall height.



Environmental Assessment Specialists, Inc.

71 San Marino Avenue Ventura CA 93003
Office (805) 650-0949 Fax (805) 650-8054 www.easenv.com

January 17, 2023

Miles C. Walz Salvador
Nationwide NEPA/NHPA Manager
Lotis Engineering Group
8899 Main Street Ste. 107
Williamsville, NY 14221

Subject: Cultural Resource Records Search Results and Site Visit for Vertical Bridge Candidate US-CA-7310 (Diamond Springs), 1550 Pleasant Valley Road, Placerville, El Dorado County, California

At the request of Lotis Engineering Group, Environmental Assessment Specialists, Inc. (EAS) has conducted a cultural resource records search and site visit for US-CA7310, located at 1550 Pleasant Valley Road, Placerville, CA 95667. The lease area lies in Section 33, T10N and R11E as shown on the USGS *Placerville, CA* 7.5-minute quadrangle map. Vertical Bridge (VB BTS II, LLC) proposes the construction of a new unmanned telecommunications facility at this location. Proposed facility is to include antennas and equipment within a 40' x 40' new lease area. Additionally proposed is a new access and utility easement.

The purpose of the records search is to identify previously recorded cultural resources (pre-contact and historic archaeological sites, historic buildings, structures, objects, or districts) within the area of potential effects (APE), as required by Section 106 of the National Historic Preservation Act (NHPA) of 1966 and its implementing regulations, 36 CFR Part 800. It entails a review of previously recorded pre-contact and historic age archaeological sites and resources located within a ½-mile radius of the project, as well as a review of cultural resource survey/excavation reports. The purpose of the site visit is to determine the APE associated with the project. The lease area and the locations of planned project-related excavations (if any) were visited and photographed. The APE was established with reference to planned-for project construction methods, the existing topography and the current level of local urbanization.

On January 2, 2023, staff at the North Central Information Center (NCIC) located at California State University located in Sacramento, CA. To identify historic properties on or near the project, current inventories of the National Register of Historic Places (NR), the California Historical Landmarks (CHL), and the California Points of Historical Interest (CPHI) were examined. EAS reviewed the California State Built Environment Resources Directory (BERD) for El Dorado County to determine if any local resources within the search radius have been previously evaluated for historic significance.

Cultural Resource Record Search Results

The results of the record search indicate two cultural resources (see Tables 1 & 2) have been recorded within the search radius of the candidate. In addition, three area-specific survey reports are on file with the NCIC for the search radius (see attached documentation). None of the reports included the candidate location, suggesting that the candidate has not been surveyed for cultural resources.

Table 1: Known Cultural Resources located within ½-mile radius of the candidate location

Resource Number	Distance from the APE	Resource Description
P-09-0799	Varies	Logging Railroad
P-09-3690	574 feet southeast	Sierra Trading Post

Table 2: Structures or Features within ½-mile search radius for the El Dorado County BERD, NR, CHL, and/or CHPI inventories which are NR eligible or listed

Address	Distance from the Project	Resource Description
None		

USGS Archival Topographic Map	Observations
1968 <i>Placerville, CA 7.5'</i>	The general area was a lightly developed rural environment.

Cultural Sensitivity Based on Record Search Data	
Historic	Low
Pre-contact	Unknown

Cultural Setting1

Three general, but distinctive, cultural periods have been identified by Wallace (1978) for the prehistoric occupation of Central Valley and Northern California. These periods generally correspond to other periods in the state based upon artifacts and burials found (Elsasser 1978).

An early hunting period (9000 B.C. to 6000 B.C.) is indicated where sites are characterized by large projectile points and other stone implements (knives, scrapers, choppers) adapted to chasing and preparing big game animals. The lack of grinding tools suggests that the inhabitants were not exploiting the plant foods to the extent that later cultures were. Archaeological sites representing this early period are not common.

A subsequent period (6000 B.C. to 2000 B.C.) yields primarily stone instruments suited to seed grinding. This indicates a shift from hunting to food gathering. This enabled the settlements to be more stable and to sustain larger populations.

A third period occurred from approximately 2000 B.C. to 1700 A.D. During this time, greater exploitation of the wetlands and lakes for food was utilized, as evidenced by even larger settlements, diverse tools, and artifacts indicating greater material wealth. The expanded diet included fish, shellfish, water birds, and other aquatic resources as well as continued utilization of plants and game.

1 References

- Elsasser, Albert B.
1978 Development of Regional Prehistoric Cultures. *Handbook of North American Indians California* Volume 8. Robert F. Heizer, Editor, pp. 37-57. Smithsonian Institution, Washington, D.C.
- Wallace, William J.
1978 Post-Pleistocene Archaeology: 9000 – 2000 B.C. . *Handbook of North American Indians California* Volume 8. Robert F. Heizer, Editor, pp. 25-36. Smithsonian Institution, Washington, D.C.
- Wilson, Norman L. and Arlean H. Towne
1978 Nisenan. *Handbook of North American Indians California* Volume 8. Robert F. Heizer, Editor, pp. 25-36. Smithsonian Institution, Washington, D.C.

Nisenan

The Nisenan are sometimes also referred to as the Southern Maidu. The Nisenan, together with the Maidu and Konkow, form a subgroup of the California Penutian linguistic family. The Nisenan territory was the drainages of the Yuba, Bear, and American Rivers, and the lower drainages of the Feather River. The western boundary was the west bank of the Sacramento River near its confluence with the Feather River and southward to a few miles below the confluence with the American River. The eastern boundary was the crest of the Sierra Nevada. The southern boundary was probably a few miles south of the American River, and the northern boundary has not been clearly established. Valley Nisenan built their houses on low, natural rises along streams and rivers or on gentle slopes with a southern exposure. Villages varied in size from three to seven houses to 40 to 50 houses. Houses were dome shaped, 10 to 15 feet across, and covered with earth, tule mats, or grasses. Brush shelters, supported by upright poles, were used in the summer and on food-gathering rounds. Hill Nisenan villages were located on ridges and large flats along major streams. The houses were smaller than in the valley, and were conical-shaped and covered with slabs of bark, skins, and brush.

The Nisenan area offered abundant year-round food sources, with food gathering based on seasonal ripening. Hunting, gathering, and fishing went on all year with the greatest activity in late summer and early fall. Major food sources were acorns, which were ground into flour using bedrock mortars and cooked in watertight baskets. Weirs, nets, harpoons, traps, and gorge-hooks, as well as tule balsas and log canoes were used in fishing. Stone objects included knives, arrow and spear points, club heads, arrow straighteners, scrapers, pestles, mortars, pipes, and charms.

The Nisenan had few contacts outside their tribelet area of influence. These contacts were limited to trade, warfare, and ceremonial gatherings. The Valley Nisenan traded with the Valley Patwin and, Northern Maidu for black oak acorns, pine nuts, manzanita berries, skins, bows, and bow wood, with the Nisenan providing trade items such as fish, roots, certain grasses, shells, beads, salt, and feathers. Hill Nisenan traded acorns and shells for Washoe seed beaters and dried fish from Pyramid Lake. Trade also brought into the area shell, magnesite, steatite, and obsidian from the west, and obsidian from the east (Wilson and Towne 1978).

Establishment of APE and Cultural Resources Within

On January 12, 2023, Professional Archaeologist Carrie D. Wills, M.A., RPA visited the project location for the purpose of establishing the APE (see Exhibit 1 and Exhibit 2). Ms. Wills satisfies the Secretary of the Interior's qualifications for a professional archaeologist (see Resume). Vertical Bridge (VB BTS II, LLC) proposes the construction of a new unmanned telecommunications facility at this location. Proposed facility is to include antennas and equipment within a 40' x 40' new lease area. Additionally proposed is a new access and utility easement. Given these parameters, the Direct APE is confined to the proposed telecommunications facility. The Visual Indirect APE is considered that area within a ½-mile radius of those portions of the candidate once completed.

Direct APE Cultural Resources

The results of the site investigation confirm no pre-contact cultural resources will be affected by the proposed collocation. The proposed candidate location is an open area on top of a slight hill that the landlord said had been previously cut and leveled and therefore there was no intact native soil.

Visual Indirect APE

The results of the record search concluded the candidate is not located within 250-feet of the boundaries of a historic district. In addition, no individual historic properties are located within ½-mile of the candidate location. The current conditions are as follows:

- North of the candidate location is open field, trees and the graveled driveway.
- East of the candidate location is an open area, a line of trees and Pleasant Valley Road.
- South of the candidate location is an open field, an orchard and a residence.
- West of the candidate location is a line of trees, a residence and a man-made lake.

Photographs are attached.

The topography in the vicinity of the candidate is hilly in a rural environment. There is good surface visibility, with few obstructions. Soils have been disturbed from the construction of the neighborhood.

Recommendations

Direct APE

In accordance with 36 CFR Part 800, EAS has assessed the effects of this facility on local cultural properties. The results of the site investigation confirm no pre-contact cultural resources will be affected by the proposed construction of a new telecommunications facility. The proposed candidate location is an open area on top of a slight hill that the landlord said had been previously cut and leveled and therefore there was no intact native soil. Therefore, EAS is requesting a Finding of No Historic Properties in APE for Direct Effects.

Visual Indirect APE

The candidate is not located within 250-feet of the boundaries of a NR listed or eligible historic district. In addition, there are no individual NR listed or eligible historic properties located in the Visual APE. Therefore, EAS is requesting a Finding of No Historic Properties in APE for Visual Effects.

We at EAS appreciate the opportunity to assist you on this project.

Sincerely,



Carrie D. Wills, M.A., RPA
Professional Archaeologist



Photograph 1: View of proposed candidate location including lease area; facing east



Photograph 2: View of general area; facing northeast



Photograph 3: View of general area; facing southeast



Photograph 4: View of candidate location and lease area; facing north



Photograph 5: View from candidate location and lease area; facing east



Photograph 6: View from candidate location and lease area; facing south



Photograph 7: View from candidate location; facing west



Photograph 8: View from candidate location; facing north



Photograph 9: View from candidate location; facing east



Photograph 10: View from candidate location; facing south



Photograph 11: View from candidate location; facing west



Photograph 12: View towards lease area from easement; facing east



Photograph 13: View away from lease area along access; facing west



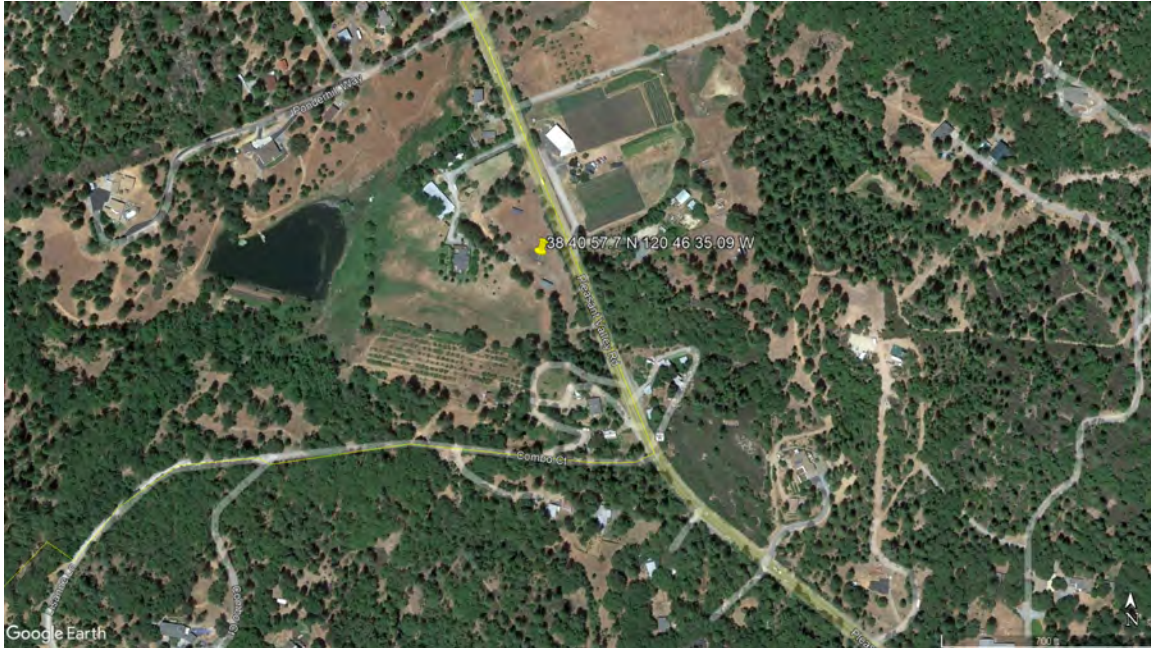
Photograph 14: Looking towards lease area from access route; facing northwest



Photograph 15: View from lease area to power pole; facing east



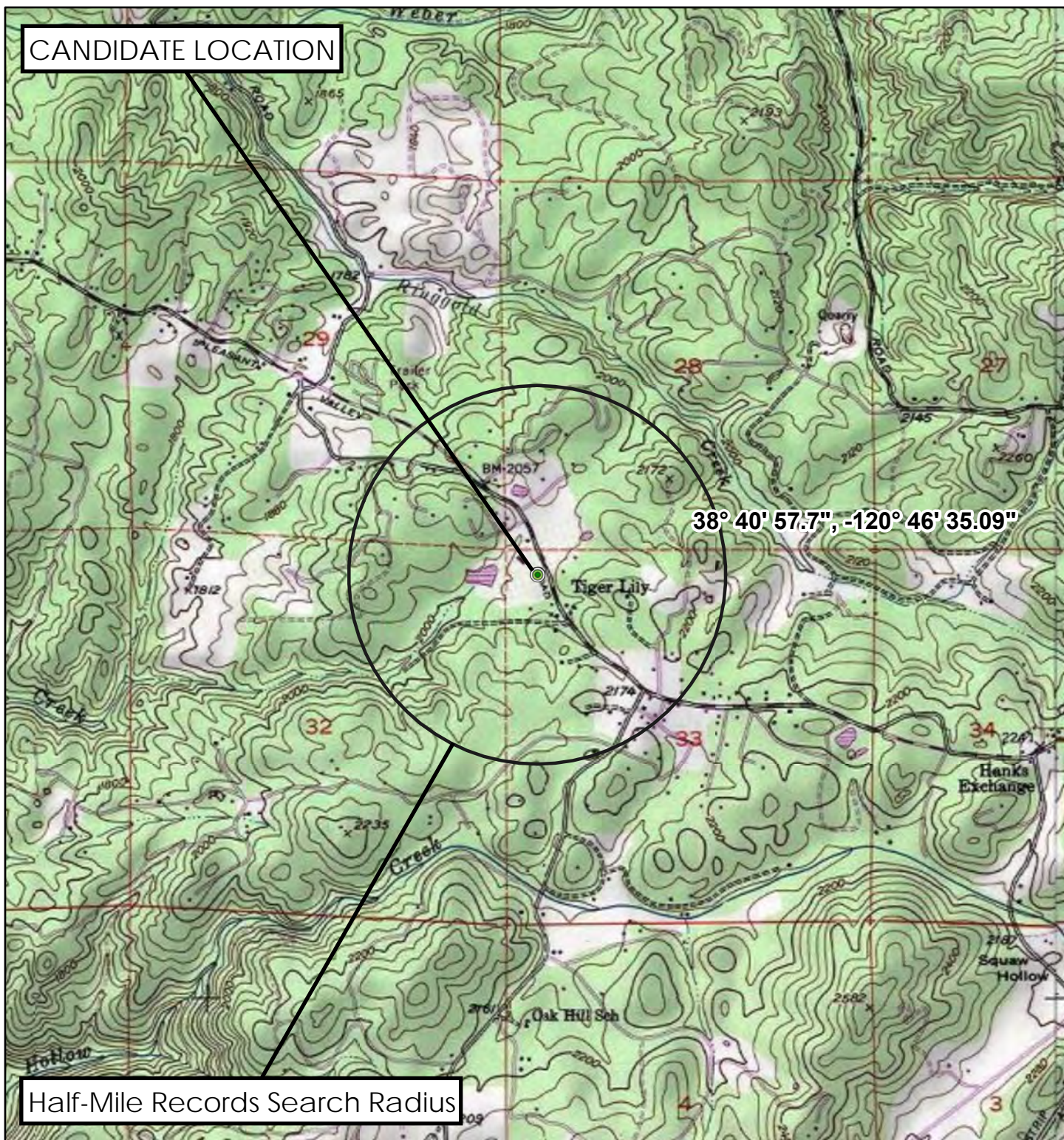
Photograph 16: View of power pole with transformer; facing northeast



SOURCE: Google Earth Pro 2022

Exhibit 1
Street Map

CULTURAL RESOURCE COMPLIANCE



US-CA-7310: USGS Placerville, CA 7.5' Topographic Map T10N R11E S33



Project Topographic Map

Exhibit 2



0 0.2 0.4 0.8 mi
0 0.33 0.65 1.3 km

1:24,000

Copyright:© 2013 National Geographic Society, i-cubed

OVERVIEW

- 20+ Years' Experience
- Master's degree, Anthropology – California State University, Hayward
- Bachelor's degree, Anthropology – California State University, Hayward
- Registered Professional Archaeologist #11138
- Meets Secretary of Interior's Standards for Archaeology

Carrie D. Wills, M.A., RPA, has been a Senior Project Archaeologist for the past 20+ years working at both prehistoric and historic sites. Ms. Wills has coordinated compliance efforts and trained teams ranging in size from 2 to 12 professional archaeologists/architectural historians in the complexities of small and large scale projects and managed their time and reviewed their reports prior to submittal. Some of the talents she brings to the table combine the ability to quickly and efficiently organize, evaluate, and complete numerous projects within stringent deadlines. Ms. Wills has consistently provided feasible solutions that protect significant resources while staying within budgetary constraints. Additionally, she has excellent communication skills and enjoys working and coordinating with co-workers, other scientists, and agency personnel. Ms. Wills has always been a self-starter and is personally and professionally motivated to ensure that each of the projects she works on adheres to the highest professional standards and is completed on time and within budget.

Ms. Wills has extensive experience managing projects that include pre-field assessments, archival research, pedestrian field surveys, site evaluation and testing, and data recovery and analysis for both prehistoric and historic projects. Her experience includes conducting field research, evaluating sites and features for historic significance and preparing reports that comply with the CEQA, Section 106 and NEPA.

Ms. Wills' management skills include writing proposals that reflect a concise understanding of the project objectives and provides the client with a reasonable budget and workable time frame. She has managed projects from the early planning stages (hiring crew members, coordinating transportation, hotels, and equipment) to organizing and assigning daily tasks and ensuring that the project stays on time and within budget. She has extensive experience coordinating with various agencies including USACE, BOR, and city and county governments. Perhaps one of her main strengths is her ability to organize, write, and edit comprehensive reports that meet all of the individual agency requirements, provide the most salient details about the project, and comply with CEQA, Section 106, and NEPA regulations.

In addition, Ms. Wills has conducted numerous consultations with Native American tribal representatives and government agencies and has good working relationships built on mutual trust and respect.

RELATED EXPERIENCE

The Conservation Center for Wildlife Care, Saratoga, Santa Clara County. At the request of the Peninsula Humane Society and SPCA, conducted a cultural resource investigation that included a NWIC record search and NAHC Sacred Lands File search, and a field survey, for the approximately 170 acre APE at the proposed Conservation Center for Wildlife Care located outside the City of Saratoga. In addition, coordinated with the project's architectural historian on the building/structure evaluations and recorded the structures on appropriate DPR forms. The final Section 106 report was presented to the USACE for submittal to the SHPO for concurrence with the Finding of No Adverse Effect.

Section 106 Assessment – *DSRSD Central Dublin Recycled Water Distribution and Retrofit Project, City of Dublin, Alameda County, California.* As project archaeologist/manager, conducted a cultural resource investigation that included record search reviews, historic map reviews, and a limited field survey of the proposed Central Dublin Recycled Water Distribution and Retrofit Project Area of Potential Effect (APE) that fulfilled the protocols associated with Section 106 of NHPA. The results of the investigation were submitted to archaeological staff at the Bureau of Reclamation and received concurrence with MBA's findings of effect.

Section 106 Assessment – Lake Solano Regional Park Visitor's Center Project, County of Solano. As project archaeologist, Ms. Wills conducted a cultural resource investigation that included record search reviews and a pedestrian field survey. As the project had a federal nexus, the work included a comprehensive report that met the criteria in Section 106 of the National Historic Preservation Act. The lead agency was the Bureau of Reclamation which has specific procedures that must be followed when unanticipated human remains or cultural resources are discovered. In addition to complying with the Bureau of Reclamation procedures, the results of the research and field survey were submitted to the State Historic Preservation Officer (SHPO) for concurrence with the stated recommendations.

Section 106 Assessment /HABS Documentation – St. Regis Napa Valley Project, City of Napa, Napa County. Served as the archaeologist for a historical and architectural analysis of a historic structure in the County of Napa. Following the evaluation of the historic significance of the structure and recording it to HABS standards, the results were sent to SHPO and received concurrence with the finding of no adverse effect to historic resources.

Section 106 Evaluation – Dixon Veterans Memorial Hall Project and the Benicia Veterans Memorial Hall Project, County of Solano. Served as the lead technical consultant for an analysis of two historic structures within the County of Solano. After evaluating and recording the buildings to Section 106 standards, the results were sent to SHPO and received concurrence with MBA's findings of no effect to historic resources.

Section 106 Evaluation – Solano County Free Library Center Project, County of Solano. Served as the lead technical consultant for a historical and architectural analysis of an historic structure in the County of Solano. Also served as the senior project archaeologist. After evaluating and recording the building to Section 106 standards, the results were sent to SHPO and received concurrence with MBA's findings of no effect to historic resources.

Section 106 Evaluation – Suisun Veterans Memorial Building Project, Suisun City. Served as the lead technical consultant for a historical and architectural analysis of an older structure in the City of Suisun City. After evaluating and recording the building to Section 106 standards, the results were sent to SHPO and received concurrence with MBA's findings of no effect to historic resources.

East Cypress Partners, LLC, Baldocchi Project, City of Oakley, Contra Costa County. As lead archaeologist, conducted a cultural resource investigation that included a NWIC record search and NAHC Sacred Lands File search, and a field survey of the Baldocchi Project APE for East Cypress Partners, LLC. Totalling approximately 30 acres, the project included evaluation of a small homestead's buildings and structures for submittal to the Bureau of Reclamation who in turn submitted the findings to the State Historic Preservation Officer (SHPO) for concurrence.

Branciforte Project, Santa Cruz, CA. Ms. Wills conducted various tasks within an area considered highly sensitive for archaeological resources including developing an Archaeological Monitoring and Data Recovery Plan that detailed the treatment of the known archeological site during project development. To define the possible subsurface areas where unknown human remains may have been present, at the request of the City and the Native American monitor, the highly unusual procedure of using cadaver dogs to search the area was implemented. The excavated artifacts and resources are currently being analyzed, cataloged and prepared for curation and a comprehensive report is in the final stages of completion.

Bailey-Fellowes Dike Breach Assessment. As Project Manager, Ms. Wills conducted a feasibility study and estimated cost for breaching Fellows Dike at Calero Reservoir and relocating the CRHR eligible Bailey-Fellowes House and eight other associated structures for the of Santa Clara Water District (District). The District chose two alternatives for analysis: one to repair the dike and retain the structures in place and the other to breach the dike and inundate the House and other buildings. Ms. Wills led a team of geologists, house moving companies, historic building designers, structural architects, and geologists, to analyze the two alternatives and provide the District with a feasible analysis to make their decision.

General Plan Update, County of Monterey. As senior project archaeologist, assisted in updating the General Plan with new policies including archaeological, historical, and paleontological resources. Tasks included a review of existing policies and suggestions for alternatives and updates relevant to current trends. Worked closely with Monterey County staff, agency personnel, and sub-consultants to ensure a high quality, timely Plan Update.

Historic American Buildings Survey Documentation – Larkspur 16.8-Acre Project, City of Larkspur, Marin County. Serving as project archaeologist, conducted a field survey, records and map review, and historic building evaluation for more than 20 buildings and structures associated with the circa 1920–1980 Niven Nursery in the City of Larkspur. The existing buildings and greenhouses that retained their historic integrity were evaluated for historic significance, recorded on appropriate Department of Parks and Recreation (DPR) forms, and documented to Historic American Building Survey (HABS) standards. Additionally, two prehistoric sites were previously recorded within the project area, and although neither of them was found during the pedestrian survey, to ensure site protection, construction monitoring was recommended during all ground-disturbing activities in these areas.

Historic American Buildings (HABS) Survey – *KB Home Monte Vista, City of San Jose. Served as project manager for the KB Home Monte Vista Project.* Conducted Historic American Buildings Survey Level III documentation for a large multi-structure canning facility, Del Monte Plant #3, in San Jose. Tasks included producing over 200 large-format, black and white photographs of exterior and interior views of the existing structures. The MBA historic report augmented the photographic documentation by placing the structures within the appropriate historic context and addressing both the architectural and historical aspects of the site's significance. Specifically, the historical report focused on the Plant's contribution to the growth of the canning industry in San José. The plant was also assessed for historic significance and found to meet the criteria for listing on the National Register of Historic Places as a District along with two other local Del Monte canneries. MBA coordinated with state, federal, and city agencies including, but not limited to, City of San Jose Department of Planning and the National Park Service HABS/Historic American Engineering Record coordinator.

Cultural Resources Assessment – *Zone 3A, Line D Capacity Improvements Project and Zone 5, Line A West Levee Improvements Projects, County of Alameda.* Served as project manager and senior archaeologist, conducting a cultural resource assessment for the Zone 3A Line D Capacity Improvements Project, Hayward, and the Zone 5 Line A West Levee Improvements Project, Union City. The assessment consisted of record searches, review of historic literature, and more than 20 historic aerials to provide an understanding of development within the project areas and a historical context for the projects.

Telecommunications Projects – **Most Northern CA Counties.** Serving as senior project archaeologist, conducted record searches and map reviews, field surveys, historic building and ground disturbance evaluations, and authored compliance reports for SHPO submittal for over 1,000 telecommunications sites. Coordinated efforts with archaeologists, architectural historians, GIS co-workers, environmental firms, and numerous carriers including AT&T, T-Mobile, Sprint and Verizon.

.

PROFESSIONAL AFFILIATIONS

- Society for Historical Archaeology
- Society for California Archaeology
- Register of Professional Archaeologists #11138

**DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION**Armando Quintero, *Director*

Julianne Polanco, State Historic Preservation Officer

1725 23rd Street, Suite 100, Sacramento, CA 95816-7100

Telephone: (916) 445-7000

FAX: (916) 445-7053

calshpo.ohp@parks.ca.gov

www.ohp.parks.ca.gov

Dear FCC Applicant:

Section 106 FCC submissions will not be accepted unless this cover sheet is completed and attached.

Project Name USCA- 7310 (Diamond Springs)
Project Address 1550 Pleasant Valley Road, Placerville, CA 95667

Based on the information provided on the accompanying FCC Form 620 or Form 621, and the documentation submitted pursuant to *the First Amendment To The Nationwide Programmatic Agreement For The Collocation Of Wireless Antennas*, the following information applies to this project:

<input type="checkbox"/>	There are buildings or structures over 45 years of age within this project's direct/indirect area of potential effect (APE).
<input type="checkbox"/>	There is an archeological site located within this project's direct APE.
<input type="checkbox"/>	A qualified archeologist has determined that the proposed project area is considered moderately to highly sensitive for archeological resources.

If the above boxes are blank, there are no historic properties within the direct or indirect project area. Therefore, pursuant to Stipulation VII.B.2 of the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission* as quoted below, **your Section 106 responsibilities are complete:**

If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of No Historic Properties Affected within 30 days following receipt of a complete Submission Packet, it is deemed that no Historic Properties Exist within the APE or the Undertaking will have no effect on Historic Properties. The Section 106 process is then complete and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

____ Yes, this submission contains an eligibility determination requiring SHPO concurrence. ____ Yes, this submission contains tribal response.

This project will: Not ☒ Not Adversely ____ Adversely ____ affect Historic Properties.
The qualified project archeologist acknowledges that a pedestrian survey has been completed, a record search has been conducted at the appropriate California Historic Resources Information Center (IC) and that all submitted information is true.

Archeologist's signature Carrie D. Wills Date January 17, 2023

Please note: This letter pertains only to FCC projects being submitted to the California SHPO for comment.

Sincerely,

Julianne Polanco
State Historic Preservation Officer

Attachment **4**

Historic Properties Identified in the APE for Direct Effects

Historic Properties Identified in the APE for Direct Effects

Lotis contracted Environmental Assessment Specialists, Inc. to perform a Cultural Resource Assessment to determine the potential effect on historic properties within the Direct Area of Potential Effect (APE). Environmental Assessment Specialists, Inc. conducted a records review and completed site reconnaissance, per SHPO and tribal protocols, and did not locate any archaeological sites within the Direct APE. Environmental Assessment Specialists, Inc. has recommended that the proposed undertaking be allowed to proceed as planned without further surveying. A copy of the Cultural Resource Records Search from Environmental Assessment Specialists, Inc. is included in Attachment 3.

Attachment **5**

Historic Properties Identified in the APE for Visual Effects

Historic Properties Identified in the APE for Visual Effects

Lotis contracted Environmental Assessment Specialists, Inc. to perform a Cultural Resource Assessment to determine the potential effect of the proposed undertaking on historic properties within the Visual Area of Potential Effect (APE). Environmental Assessment Specialists, Inc. completed a records review, within the ½-mile radius, per the SHPO's protocols (either online or physical records research) as well as reviewing the online National Register of Historic Places (NRHP) at <http://www.nps.gov/nr/> and did not find any eligible/listed historic properties within the Visual APE. Environmental Assessment Specialists, Inc. have recommended that the proposed undertaking be allowed to proceed as planned without further surveying. A copy of the Cultural Resource Records Search from Environmental Assessment Specialists, Inc. is included in Attachment 3.

Attachment **6**

Tribal/NHO Involvement

Tribal/NHO Involvement

Lotis utilized the Federal Communications Commission (FCC) Tower Construction Notification System (TCNS) to identify federal tribal entities with interest in the proposed undertaking's location. This identification phase was conducted on December 29, 2022 (TCNS Number 260865). The FCC responded, via e-mail, on January 6, 2023, indicating the following nine (9) groups were forwarded information regarding the location of the proposed project, via electronic mail.

1. Eastern Shoshone Tribe
2. Washoe Tribe of Nevada & California
3. Skull Valley Band Goshute
4. Northwestern Band of Shoshone Nation
5. Los Coyotes Reservation
6. United Auburn Indian Community
7. Ione Band of Miwok Indians
8. Shingle Springs Rancheria
9. Wilton Rancheria

On December 18, 2022, Lotis submitted a request to the Native American Heritage Commission (NAHC) to review their records for sacred lands and to obtain a contact list for state recognized tribes who could be potentially interested in consulting on the proposed undertaking. On January 3, 2023, Lotis received the sacred lands file search which indicated "negative". Additionally, the NAHC provided the Native American Contacts List which indicated approximately ten (10) point of contacts who are required to be provided the opportunity to comment on the proposed undertaking. These tribes were forwarded information regarding the location of the proposed project, via electronic and regular mail.

1. Ione Band of Miwok Indians
2. Shingle Springs Band of Miwok Indians
3. Tsi Akim Maidu
4. United Auburn Indian Community
5. Washoe Tribe of Nevada & California
6. Wilton Rancheria (3 contacts)
7. Colfax-Todds Valley Consolidated Tribe (2 contacts)

Native American Heritage Commission (NAHC) Sacred Lands Search Letter

STATE OF CALIFORNIA

Gavin Newsom, Governor

NATIVE AMERICAN HERITAGE COMMISSION

January 3, 2023

Jordan Braden
Lotis Environmental

Via Email to: NEPA.NHPA@thelotisgroup.com

Re: Diamond Springs Project, El Dorado County

Dear Mr. Braden:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment



CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki,
Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
[VAVANT]

COMMISSIONER
[VACANT]

EXECUTIVE SECRETARY
Raymond C.
Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

Native American Heritage Commission (NAHC) Contact List

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9
Native American Heritage Commission
Native American Contact List
El Dorado County
1/3/2023

Ione Band of Miwok Indians

Sara Dutschke, Chairperson
9252 Bush Street
Plymouth, CA, 95669
Phone: (209) 245 - 5800
consultation@ionemiwok.net
Miwok

Shingle Springs Band of Miwok Indians

Regina Cuellar, Chairperson
P.O. Box 1340
Shingle Springs, CA, 95682
Phone: (530) 387 - 4970
Fax: (530) 387-8067
rcuellar@ssband.org
Maidu
Miwok

Tsi Akim Maidu

Grayson Coney, Cultural Director
P.O. Box 510
Browns Valley, CA, 95918
Phone: (530) 383 - 7234
tsi-akim-maidu@att.net
Maidu

United Auburn Indian Community of the Auburn Rancheria

Gene Whitehouse, Chairperson
10720 Indian Hill Road
Auburn, CA, 95603
Phone: (530) 883 - 2390
Fax: (530) 883-2380
bguth@auburnrancheria.com
Maidu
Miwok

Washoe Tribe of Nevada and California

Darrel Cruz, Cultural Resources
Department
919 Highway 395 North
Gardnerville, NV, 89410
Phone: (775) 265 - 8600
darrel.cruz@washoetribe.us
Washoe

Wilton Rancheria

Steven Hutchason, THPO
9728 Kent Street
Elk Grove, CA, 95624
Phone: (916) 683 - 6000
Fax: (916) 863-6015
shutchason@wiltonrancheria-
nsn.gov
Miwok

Wilton Rancheria

Jesus Tarango, Chairperson
9728 Kent Street
Elk Grove, CA, 95624
Phone: (916) 683 - 6000
Fax: (916) 683-6015
jtarango@wiltonrancheria-nsn.gov
Miwok

Wilton Rancheria

Dahlton Brown, Director of
Administration
9728 Kent Street
Elk Grove, CA, 95624
Phone: (916) 683 - 6000
dbrown@wiltonrancheria-nsn.gov
Miwok

Colfax-Todds Valley Consolidated Tribe

Clyde Prout, Chairperson
P.O. Box 4884 none
Auburn, CA, 95604
Phone: (916) 577 - 3558
miwokmaidu@yahoo.com
Maidu
Miwok

Colfax-Todds Valley Consolidated Tribe

Pamela Cubbler, Treasurer
P.O. Box 4884
Auburn, CA, 95604
Phone: (530) 320 - 3943
pcubbler@colfaxrancheria.com
Maidu
Miwok

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Diamond Springs Project, El Dorado County.

***Federal Communications Commission's (FCC) Tower
Construction Notification System (TCNS) Proposed
Tower Structure (PTS) Info Email***

NEPA NHPA

From: towernotifyinfo@fcc.gov
Sent: Thursday, December 29, 2022 4:12 PM
To: NEPA NHPA
Subject: Proposed Tower Structure Info - Email ID #8419077

Dear Qabiyl Johnson,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 12/29/2022

Notification ID: 260865
Tower Owner Individual or Entity Name: VB BTS II, LLC
Consultant Name: Miles C Walz Salvador
Street Address: 8899 Main Street, Suite 107
City: Williamsville
State: NEW YORK
Zip Code: 14221
Phone: 716-580-7000
Email: NEPA.NHPA@TheLotisGroup.com

Structure Type: POLE - Any type of Pole
Latitude: 38 deg 40 min 57.7 sec N
Longitude: 120 deg 46 min 35.1 sec W
Location Description: 1550 Pleasant Valley Road
City: Placerville
State: CALIFORNIA
County: EL DORADO

Detailed Description of Project: Diamond Springs is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

Ground Elevation: 633.1 meters
Support Structure: 30.5 meters above ground level
Overall Structure: 33.5 meters above ground level
Overall Height AMSL: 666.6 meters above mean sea level

***Federal Communications Commission's (FCC) Tower
Construction Notification System (TCNS) Notice of
Organizations (NOO) Email***

NEPA NHPA

From: towernotifyinfo@fcc.gov
Sent: Friday, January 6, 2023 3:01 AM
To: NEPA NHPA
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION
NOTIFICATION INFORMATION - Email ID #8420218

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO Josh Mann - Eastern Shoshone Tribe - (PO Box: 538) Fort Washakie, WY - jmann@easternshoshone.org
- 307-335-2081 - electronic mail

Exclusions: Thank you for the recent submittal regarding your TCNS project. Based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this project as required by the mandates expressed in 36 CFR 800, EO 13175, and the FCC Programmatic Agreement as Traditionally Associated Peoples (TAPs) and a sovereign nation legal responsibility for heritage preservation on ancestral homelands. Please utilize our ESTHPO website for online submittals. Our website address is: <http://www.esthpo.com>. Please navigate to our Services page. On the services page there will be a Submittal button under the Section 106 Consultation literature. The submittal button will navigate you to the upload page where can submit relevant project files for our consultation review.

Your submission should include:

Appropriate SHPO determination or response letter Cultural Resource Report and or Archaeological Survey Report
Photographic project site documentation Topographic or Quadrangle Maps Site Plans/Construction Drawings FCC Forms
620 and 621 Lat/Long Coordinates for the proposed project.
Project Coordinator Contact Information

Our 30-day review period will commence once all project details have been submitted into our online database. If you have any questions, please feel free to contact the Eastern Shoshone THPO: Joshua Mann, jmann@easternshoshone.org or by phone at: (307) 335-2081 or Shaylynn Durgin, sdurgin@easternshoshone.org or by phone at: (307) 335-2081. Thank you for consulting with the Eastern Shoshone Tribe.

The ancestors of the Eastern Shoshone Tribe lived a long and storied history across several states on their westward journey from the Western area to present-day Wyoming. This journey, confirmed by tribal oral history, ethnographies, and archaeological evidence, took place over multiple generations and through the present-day states of North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming, Montana, Idaho, Washington, Oregon, California, Utah, Nevada, Arizona, New Mexico and Texas. Significant historical resources throughout this region include major sacred sites including burial sites, occupation areas, medicinal plant and resource collection areas, and other significant traditional cultural properties (TCPs). Therefore, based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this proposed project and are requesting to be consulted on this proposed project as required by the mandates expressed in 36 CFR 800, EO 13175, and the FCC National Programmatic Agreement as traditionally associated peoples (TAPs) and a sovereign nation with legal responsibility for heritage preservation on ancestral homelands.

2. Tribal Administrator Bernadette Nieto - Washoe Tribe of Nevada & California - 919 Highway 395 South Gardnerville, NV - bernadette.nieto@washoetribe.us - 775-265-8600 - electronic mail

If the applicant/tower builder receives no response from the Washoe Tribe of Nevada & California within 30 days after notification through TCNS, the Washoe Tribe of Nevada & California has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Washoe Tribe of Nevada & California in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. Chairman Candace Bear - Skull Valley Band Goshute - 407 Skull Valley Rd Skull Valley, UT - candaceb@svgoshutes.com; candaceb@svgoshutes.com - 435-882-4532 - electronic mail and regular mail
Exclusions: Montana And Associates LLC does not contract for Skull Valley Band of Goshute any longer. Thank you.

If the applicant/tower builder receives no response from the Skull Valley Band Goshute within 30 days after notification through TCNS, the Skull Valley Band Goshute has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Skull Valley Band Goshute in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. Attorney Montana & Associates LLC - Northwestern Band of Shoshone Nation - N 12923 N. Prairie Rd Osseo, WI - Northwesternbandshoshonetcnsfcc@outlook.com; garymontana@montanaandassociates.com - 715-597-6464 - electronic mail

Exclusions: Northwestern Band of Shoshone as of 2/19/2020 will not be reviewing colocations of antennas on buildings.

5. Chairman Shane Chapparosa - Los Coyotes Reservation - (PO Box: 189) Warner Springs, CA - los_coyotes@ymail.com; loscoyotes_ta@yahoo.com - 760-782-0711 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Los Coyotes Reservation within 30 days after notification through TCNS, the Los Coyotes Reservation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the Los Coyotes Reservation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. Cultural Regulatory Specialist Anna Starkey - United Auburn Indian Community - 10720 Indian Hill Road Auburn, CA - astarkey@auburnrancheria.com; acheng@auburnrancheria.com - 916-251-1554 - regular mail
Exclusions: UAIC's Preservation Department is working remotely but can move forward with proposed undertaking reviews at this time. Please continue to provide both email and hard copy notifications. Thank you.

If the applicant/tower builder receives no response from the United Auburn Indian Community within 30 days after notification through TCNS, the United Auburn Indian Community has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,

however, must immediately notify the United Auburn Indian Community in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

7. Chairperson Sara Dutschke - Ione Band of Miwok Indians - (PO Box: 699) Plymouth, CA - Consultation@ionemiwok.net; Culturalcommittee@ionemiwok.net - 209-257-5800 - electronic mail

8. THPO Daniel Fonseca - Shingle Springs Rancheria - (PO Box: 1340) Shingle Springs, CA - kperry@ssband.org - 530-306-3069 - electronic mail and regular mail

9. Cultural Preservation Dep - Wilton Rancheria - 9728 Kent Street Elk Grove, CA - cpd@wiltonrancheria-nsn.gov; cpd@wiltonrancheria-nsn.gov - 916-683-6000 (ext: 2006) - electronic mail and regular mail

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

10. Deputy SHPO William Collins - Arizona State Parks - 1300 West Washington Phoenix, AZ - wcollins@pr.state.az.us - 602-542-4174 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 12/29/2022

Notification ID: 260865

Excluded from SHPO Review: No

Tower Owner Individual or Entity Name: VB BTS II, LLC

Consultant Name: Miles C Walz Salvador

Street Address: 8899 Main Street, Suite 107

City: Williamsville

State: NEW YORK

Zip Code: 14221

Phone: 716-580-7000

Email: NEPA.NHPA@TheLotisGroup.com

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Structure Type: POLE - Any type of Pole

Latitude: 38 deg 40 min 57.7 sec N

Longitude: 120 deg 46 min 35.1 sec W

Location Description: 1550 Pleasant Valley Road

City: Placerville

State: CALIFORNIA

County: EL DORADO

Detailed Description of Project: Diamond Springs is a proposed telecommunication tower with associated equipment within a lease area. Also include access, utility and guy wire easements (as necessary).

Ground Elevation: 633.1 meters

Support Structure: 30.5 meters above ground level

Overall Structure: 33.5 meters above ground level

Overall Height AMSL: 666.6 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

<https://www.fcc.gov/wireless/available-support-services>

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Attachment **7**

Local Government Involvement

El Dorado County Submission

Note:

In the interest of efficiency and economy, attachments included in the original submission under this section are not duplicated throughout this NEPA Summary. The following attachment(s), found at the conclusion of this report, were included in the original submission:

- **Proposed Project Summary**
- **Attachment 1 - Maps**
- **Attachment 2 - Photographs**



February 11, 2023

El Dorado County
Attn: Kim Dawson -Clerk of the Board
330 Fair Lane
Placerville, California 95667
Submitted via email: kim.dawson@edcgov.us

RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California; VB BTS II, LLC

To Whom It May Concern:

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation within the general vicinity of 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. Lotis Environmental, LLC (Lotis), is preparing an environmental and cultural resource review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence an invitation to the El Dorado County to comment on the possible effects the proposed undertaking may have on sites or structures of historic significance within the general vicinity.

Attached, please find information pertaining to the proposed undertaking. This information includes a project summary, an aerial photograph, a topographic map, and photographs of the proposed undertaking's site and adjacent properties. As part of our research, Lotis is consulting with the Office of Historic Preservation:

Department of Parks & Recreation, and will forward any concerns of the El Dorado County regarding historic properties to the Office of Historic Preservation:
Department of Parks & Recreation.

Lotis respectfully requests that you provide comment within 30 days regarding the possible effects of this undertaking on historic properties. If a response is not received within 30 days, Lotis will assume you have no interest/concern with the proposed undertaking. Should you require additional information, please do not hesitate to contact me at (716) 580-7000. Thank you for your time and consideration in this regard.

Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com
Enclosures



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1515-326-6779

Proof of El Dorado County Submission

***El Dorado County's Response
(NONE)***

Attachment **8**

Public Involvement

Legal Public Notice Text and Affidavit of Publication

Lotis contacted the Mountain Democrat and published a legal public notice in the classified section. The proposed undertaking is detailed in the notice and calls for the recognition of public concerns on any historic property impacts caused by the proposed undertaking. A copy of the legal notice text and Affidavit of Publication are attached.

“VB BTS II, LLC would like to place on notice the proposed Construction of an installation consisting of a 100’ (110’ including all appurtenances) monopine tower known as Diamond Springs located at 38°40’57.7” north latitude and 120°46’35.09” west longitude at the approximate vicinity of at 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. If you have any concerns regarding historic properties that may be affected by this proposed undertaking, please contact: Jordan Braden, Lotis Environmental, LLC, at Braden@TheLotisGroup.com or (716) 580-7000. In your response, please include the proposed undertaking’s location and a list of the historic resources that you believe to be affected along with their respective addresses or approximate locations.”

Mountain Democrat

PROOF OF PUBLICATION
(2015.5 C.C.P.)

Proof of Publication of PUBLIC NOTICE

STATE OF CALIFORNIA
County of El Dorado

I am a citizen of the United States and a resident of the County aforesaid; I'm over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am principal clerk of the printer at the Mountain Democrat, 2889 Ray Lawyer Drive, a newspaper of general circulation, printed and published Monday, Wednesday, and Friday, in the City of Placerville, County of El Dorado, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court to the County of El Dorado, State of California, under the date of March 7, 1952, Case Number 7258; that the notice, of which the annexed is a printed copy (set in type no smaller than non-pareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

4/21

ALL IN THE YEAR 2023

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Placerville, California, this 21st day
of **APRIL, 2023**

Mison Rains

Signature

PUBLIC NOTICE

VB BTS II, LLC would like to place on notice the proposed Construction of an installation consisting of a 100' (110' including all appurtenances) monopine tower known as Diamond Springs located at 38°40'57.7" north latitude and -120°46'35.09" west longitude at the approximate vicinity of at 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667.

If you have any concerns regarding historic properties that may be affected by this proposed undertaking, please contact: Jordan Braden, Lotis Environmental, LLC, at Braden@TheLotisGroup.com or (716) 580-7000. In your response, please include the proposed undertaking's location and a list of the historic resources that you believe to be affected along with their respective addresses or approximate locations.

4/21

11676

El Dorado County Historical Society Submission

Note:

In the interest of efficiency and economy, attachments included in the original submission under this section are not duplicated throughout this NEPA Summary. The following attachment(s), found at the conclusion of this report, were included in the original submission:

- ***Proposed Project Summary***
- ***Attachment 1 - Maps***
- ***Attachment 2 - Photographs***



February 11, 2023

El Dorado County Historical Society
Attn: Ms. Jill Kearney -
524 Main Street
Placerville, California 95667
Submitted via email: edchistoricalsociety@gmail.com

RE: Proposed Telecommunications Tower Undertaking "Diamond Springs" in El Dorado County, California; VB BTS II, LLC

To Whom It May Concern:

VB BTS II, LLC (VB BTS II), is proposing to construct a tower installation within the general vicinity of 1550 Pleasant Valley Road, Placerville, El Dorado County, California 95667. Lotis Environmental, LLC (Lotis), is preparing an environmental and cultural resource review on behalf of VB BTS II as part of its permit process and regulatory review by the Federal Communications Commission (FCC). Please consider this correspondence an invitation to the El Dorado County Historical Society to comment on the possible effects the proposed undertaking may have on sites or structures of historic significance within the general vicinity.

Attached, please find information pertaining to the proposed undertaking. This information includes a project summary, an aerial photograph, a topographic map, and photographs of the proposed undertaking's site and adjacent properties. As part of our research, Lotis is consulting with the Office of Historic Preservation:

Department of Parks & Recreation, and will forward any concerns of the El Dorado County Historical Society regarding historic properties to the Office of Historic Preservation:

Department of Parks & Recreation.

Lotis respectfully requests that you provide comment within 30 days regarding the possible effects of this undertaking on historic properties. If a response is not received within 30 days, Lotis will assume you have no interest/concern with the proposed undertaking. Should you require additional information, please do not hesitate to contact me at (716) 580-7000. Thank you for your time and consideration in this regard.

Sincerely,

Lotis Environmental, LLC

A handwritten signature in black ink that reads "Miles Walz-Salvador".

Miles Walz-Salvador
Nationwide NEPA/NHPA Manager
NEPA.NHPA@TheLotisGroup.com



(716)580-7000



www.thelotisgroup.com



Lotis Environmental, LLC

8899 Main Street, Suite 107
Williamsville, NY 14221
23-1619-F-354-0739

***Proof of El Dorado County Historical Society
Submission***

***El Dorado County Historical Society's Response
(NONE)***

Attachment **9**

Curricula Vitae



DAVID N. ROBINSON, P.E.

President/CEO, Lotis Environmental, LLC

Years of Experience

18+

Education

M.S., Environmental Engineering, University of Colorado at Boulder, 1995
B.S., Civil Engineering, State University of New York at Buffalo, 1994
A.A.S., Architectural Engineering, Alfred State College, 1990

Professional Affiliations

New York State Wireless Association

Professional Registrations

Professional Engineer, New York 2001 (079047)

Certifications

FEMA Public Assistance Program Operations I
OSHA 40 Hr. Hazardous Waste Site Worker Training
Nokia CMPPro Cost Control Training

Key Qualifications

David Robinson founded The Lotis Engineering Group/Lotis Environmental, LLC and has served as CEO since its inception in 2007. Mr. Robinson is a New York State Professional Engineer and an ASTM-recognized Environmental Professional. Over his 19-year professional career, Mr. Robinson has performed over 18,000 Phase I Environmental Site Assessments in all 50 states and Canada. As CEO of Lotis, Mr. Robinson directs the strategic direction of the company. Under his leadership, Lotis has flourished into a leader in the Environmental Due Diligence industry.

Telecommunications Experience

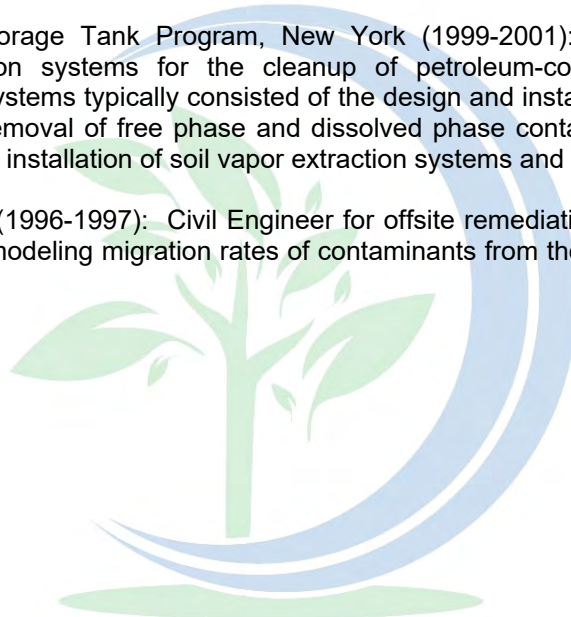
- Vertical Bridge Holdings, Nationwide, US (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments. David has been responsible for managing resources to complete these services on hundreds of telecommunication sites.
- Tower Ventures, LLC, Nationwide, US (2011-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments. David has been responsible for managing resources to complete these services on many telecommunication sites.

- Global Tower Partners, Inc., Nationwide, US (2004-2013): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include property surveys, 2C surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on over 5,000 sites in all 50 states and the Caribbean.
- SBA, Inc. Acquisition Services, Nationwide, US (2001-2011): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include property surveys, 2C surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on over 7,000 sites in all 50 states, the Caribbean and Canada.
- AT&T NexGen, Nationwide, US (2004): Project Engineer for this 16,000-mile long-haul fiber-optic confidential construction project throughout the United States. David was responsible for preparing tax recording documents needed to file taxes for AT&T's fiber build.
- Nassau County Police Department Land Mobile Radio System Modernization Project (2005-2007): Project Manager for engineering services relating to the upgrade of Nassau County's public safety communication system. Services include site design, construction drawing preparation, property surveys, 1A surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on 36 sites throughout the county.
- The City of New York Department of Information Technology and Telecommunications Channel 16 Project (2005-2007): Project Manager for engineering services relating to the design and construction of a conventional/trunked radio system for FDNY and other New York City agencies. Services include site design, construction drawing preparation, property surveys, 1A surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on 7 sites in New York City.
- NorthStar Communications, Inc., Florida (2003-2004): Project Manager for services relating to the development of telecommunications tower sites throughout Florida for Nextel. Services included construction drawings, property surveys, 2C surveys, zoning issues, and structural evaluation of existing towers. David was responsible for managing resources to complete these services on over 20 sites in the state of Florida.

Other Experience

- BNMC Utilities Relocation, Buffalo, New York (2002): Civil Engineer for the design of utility relocations at Roswell Park in Buffalo. David was responsible for developing construction documents and specifications, as well as providing consulting services throughout the design process. His duties also included preparation of construction cost estimates and submittal review.
- NFTA Metro Bus – Bus Fueling Station Systems Modifications for Dual Fuel, Buffalo, New York (2002): Civil Engineer for the design and preparation of design drawings, specifications and cost estimate for the replacement of an existing single fuel system to that of a dual fuel system.
- New Jersey DPMC Underground Storage Tank Program, New Jersey (1999-2001): Civil Engineer for the design of new aboveground and underground tank fueling systems (including fuel dispensers, leak detection systems, inventory control systems, and concrete tank slabs) for various State Departments in New Jersey. David was responsible for developing design drawings, construction documents and specifications, as well as providing consulting services throughout the construction process. His duties also included creating and maintaining resource-loaded project schedules for project using Primavera[®] project scheduling software.
- Former Hyatt Clark Industries, Inc. Site, New Jersey (1996-1998): Civil engineer for the preparation for the closure and remediation of the Former GM Industrial site and the construction of a 9-hole golf course recreational undertaking (including Driving Range, Putting Course, Clubhouse and Maintenance Facilities). David was responsible for the design of the golf course drainage system which included a 5-acre retention pond to be used for irrigation during periods of drought. His duties also included preparing cost estimates for the site closure and subsequent golf course construction, and the modeling and design of the undertaking entrance and parking.

- Wegmans Food Pharmacy, Buffalo, New York (1998): Civil engineer for the construction of a supermarket on a former industrial site. David was responsible for the modeling and design of the undertaking entrance. His duties also included field sampling of excavated soil during construction.
- USACE-Buffalo District, Cuyahoga River Bulkheads Study, Ohio (1999): Civil Engineer for the USACE's bulkhead inspection program along nine miles of the Cuyahoga River in Cleveland, Ohio. David was responsible for preparing a structural assessment of bulkhead along the river by inspecting various conditions of the sheet pile (i.e., corrosion levels, settling). His duties also included preparing remediation recommendations and subsequent cost estimates for damaged bulkhead sections.
- USACE-Buffalo District, Advance Measures Program, New York (1999): Civil Engineer for the study of high Lake Erie levels on four residential areas. David was responsible for gathering residential home elevations and comparing them to historical rain and lake level data. Based on these comparisons and a detailed cost analysis, recommendations to alleviate local residential flooding, including the design of breakwaters and levees, were made.
- FEMA Public Assistance Program, Puerto Rico (1998-1999): Civil Engineer for the inspection of public facilities damaged by Hurricane Georges. David was responsible for gathering field data on hurricane damages, designing mitigation alternatives, and preparing detailed cost analyses of damages.
- NYCDDC Underground Storage Tank Program, New York (1999-2001): Civil Engineer for the design of groundwater/soil remediation systems for the cleanup of petroleum-contaminated groundwater and soils. Groundwater remediation systems typically consisted of the design and installation of pneumatic and electric dual pumping systems for the removal of free phase and dissolved phase contamination. Soil remediation systems incorporated the design and installation of soil vapor extraction systems and bioventing systems.
- Lipari Landfill, New Jersey (1996-1997): Civil Engineer for offsite remediation work at the Lipari Superfund site. David was responsible for modeling migration rates of contaminants from the Superfund site through surrounding soil strata



Nationwide NEPA/NHPA Manager, Lotis Environmental, LLC

Years of Experience

8+

Education

Bachelor of Science in Fisheries & Wildlife, the University of Missouri - Columbia, 2011
Bachelor of Science in Forestry, the University of Missouri - Columbia, 2011
Minor in Biological Science, the University of Missouri - Columbia, 2011

Certifications

EPA Asbestos Certification
Colorado State Asbestos Building Inspector Certification
OSHA 10-Hr Safety & Health – Construction Certification
ACOE 38-hr Wetland Delineation Certification of completion
OSHA 40-Hr Hazardous Waste Operations and Emergency Response Certification

Key Qualifications

Mr. Walz-Salvador has gained experience performing informal biological assessments for Section 7 compliance under the Endangered Species Act (ESA), wetland impact determinations, floodplain determinations, threatened and endangered species determinations, critical habitat research, as well as writing National Environmental Policy Act (NEPA) environmental assessments for wireless telecommunication projects. He has conducted research regarding Section 106 compliance under the Federal Communications Commission standards. Under Section 106, he has experience with 620 and 621 Form submittals to the State Historical Preservation Offices and consultation with federally recognized tribes all over the United States. Mr. Walz-Salvador has experience performing Phase I & II environmental site assessments, indoor air quality assessments, asbestos building inspections and sampling, wetland delineations, and migratory bird evaluations.

In addition, Mr. Walz-Salvador has experience with the United States Geological Survey (USGS) as a biological science aid, where he conducted field research on the Missouri River capturing and tracking Pallid Sturgeon. He also worked with the Missouri Department of Conservation (MDC) as a field technician conducting research on endangered and endemic fish species within the waterways of the Missouri Ozarks. Additionally, he has also worked in a variety of fields such as wetland biology, avian ecology, and ungulate research and management for the MDC. While attending the University of Missouri-Columbia, Mr. Walz-Salvador participated in the Undergraduate Mentoring for Environmental Biology (UMEB) Program which aided him in gaining experience with migratory bird research underneath the guidance of Dr. John Faaborg and Dr. Andrew Cox. UMEB also allowed Mr. Walz-Salvador to work with the Missouri Botanical Garden, a partner company, to observe endangered plant research and gain experience with working with private entities.

Mr. Walz-Salvador's schooling and work experience has enabled him to identify and understand the biology of trees, birds, fish, and mammalian species in addition to technical skills with the Delorme Topographic USA mapping program, ArcGIS, several of the Microsoft Office Programs, Adobe Acrobat Pro, and Google Earth.

Telecommunications Experience

- Lotis Environmental, LLC. Nationwide, US (2020-ongoing): Nationwide NEPA/NHPA Manager / Biologist for services relating to compliance of NEPA, NHPA, and the ESA for the construction/acquisition of telecommunication towers throughout the United States including Puerto Rico, Canada, and Mexico. Services include Phase I & Phase 2 Environmental Site Assessments, and NEPA compliance for Vertical Bridge Land Holdings, LLC, Tower Ventures, Tower Lease Advisors, Phoenix Towers International, InSite Towers, and BlueSky Tower.
- The Lotis Engineering Group, PC. Nationwide, US (2015-2020): Nationwide NEPA/NHPA Manager / Biologist for services relating to compliance of NEPA, NHPA, and the ESA for the construction/acquisition of telecommunication towers throughout the United States including Puerto Rico, Canada, and Mexico. Services include Phase I & Phase 2 Environmental Site Assessments, and NEPA compliance for Vertical Bridge Land Holdings, LLC, Tower Ventures, Tower Lease Advisors, Phoenix Towers International, InSite Towers, and BlueSky Tower.
- Trileaf Corporation, Nationwide, US (2013-2015): Senior Project Scientist: Wetland Ecologist and Migratory Bird Specialist for services relating to the NEPA/NHPA compliance of the proposed construction of telecommunication tower sites throughout the United States. Services include Phase I & Phase 2 Environmental Site Assessments, Indoor Air Quality Surveys, Asbestos Sampling, NEPA compliance, Migratory Bird Evaluations and Wetland delineations for Verizon Wireless, AT&T Mobility Services, LLC, SBA Communications, Crown Castle Towers, T-Mobile, Nextel, and Edward Jones.



PROJECT DESCRIPTION:

CONSTRUCTION OF TELECOMMUNICATIONS AND PUBLIC UTILITY FACILITY, CONSISTING OF A 100'-0" MONOPINE WITH (12) 8' ANTENNAS, (6) RRU'S, (1) 2' MICROWAVE, (1) GPS ANTENNA, REQUIRED ANTENNA CABLING, HCS JUMPERS, (2) GROUND MOUNTED RADIO CABINETS, (1) RAISED CONCRETE PAD, CABLE ICE BRIDGE, UTILITY BACKBOARD AND MULTI-METER UTILITY SERVICE MOUNTED ON H-FRAME WITHIN A 40'x40' FENCED LEASE AREA. NO WATER OR SEWER SERVICE IS REQUIRED. THIS WILL BE AN UNMANNED FACILITY.

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2022 CALIFORNIA BUILDING CODE
2. 2022 CALIFORNIA TITLE 24
3. 2022 CALIFORNIA FIRE CODE
3. 2022 CALIFORNIA ELECTRIC CODE
4. 2022 CALIFORNIA ENERGY CODE
5. 2022 CALIFORNIA MECHANICAL CODE
6. TIA/EIA-222-H OR LATEST EDITION
5. ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
6. CITY/COUNTY ORDINANCES



US-CA-7310
DIAMOND SPRINGS
1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667
100'-0" MONOPINE
TENANT SITE ID: SC60515A

APPROVAL BLOCK				
		APPROVED	APPROVED AS NOTED	DISAPPROVED REVISE
VERTICAL BRIDGE	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERMITTING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEERING	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



VICINITY MAP
N.T.S.

DRAWING INDEX	
DRWG. #	TITLE
T-1	TITLE SHEET
LS-1	TITLE SHEET
LS-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED COMPOUND PLAN
A-3	EQUIPMENT AND ANTENNA PLAN
A-4	ELEVATIONS



LOCATION MAP
N.T.S.

PROJECT INFORMATION	
SITE NAME:	DIAMOND SPRINGS
SITE NUMBER:	US-CA-7310
TENANT SITE ID:	SC60515A
SITE ADDRESS:	1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
PARCEL #:	098-100-083-000
DEED REFERENCE:	N/A
ZONING CLASSIFICATION:	RESIDENTIAL ESTATE - 5 ACRES
ZONING JURISDICTION:	EL DORADO COUNTY
CONSTRUCTION TYPE:	V-B
OCCUPANCY:	U (UNMANNED TELECOM FACILITY)
NO. OF STORIES:	1 (ENCLOSURE ONLY)
SPRINKLER:	NONE
STRUCTURE TYPE:	MONOPINE
STRUCTURE HEIGHT:	100'-0"
CONSTRUCTION AREA:	1,600 SQ. FT.
GROUND ELEVATION:	2,076.97' (NAVD88)
LATITUDE (NAD 83):	38.682694° (38° 40' 57.70" N)
LONGITUDE (NAD 83):	-120.776414° (120° 46' 35.09" W)

EMERGENCY:
CALL 911



UNDERGROUND SERVICE ALERT
(800) 642-2444
WWW.CALIFORNIA811.ORG
CALL 2 TO 14 WORKING DAYS UTILITY NOTIFICATION
PRIOR TO CONSTRUCTION



PROJECT DIRECTORY	
PROPERTY OWNER:	DALLAS OLSON 1550 PLEASANT VALLEY RD. PLACERVILLE, CA 95667
APPLICANT:	VERTICAL BRIDGE 750 PARK OF COMMERCE DRIVE, SUITE 200 BOCA RATON, FL 33487
CONTACT:	ASSURANCE DEVELOPMENT 1499 HUNTINGTON DR. #305 SOUTH PASADENA, CA 91030 CONTACT: BILL LEWIS PHONE: 626.765.5079
POWER COMPANY:	PG&E
TELCO COMPANY:	AT&T

CLIENT

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.765.5079

1	ADDED FIRE ACCESS	APP	04/06/23
0	ISSUED FOR ZONING	APP	01/10/23
A	ISSUED FOR REVIEW	APP	12/01/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: APP
DESIGNED: APP
CHECKED: BL

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:

US-CA-7310
SC60515A
DIAMOND SPRINGS

1550 PLEASANT VALLEY RD.
PLACERVILLE, CA 95667

ENGINEER STAMP:

DRAWING TITLE:

TITLE SHEET

DRAWING SCALE:
AS NOTED

DATE:
XXXX

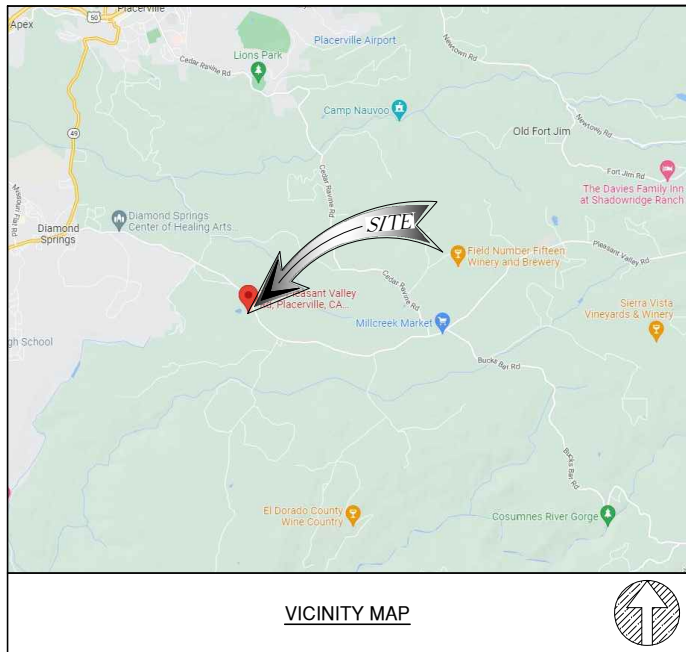
ZD

UNAUTHORIZED ALTERATION OR ADDITION TO
THIS DOCUMENT IS A VIOLATION OF
APPLICABLE STATE AND / OR LOCAL LAWS

DRAWING NUMBER:

T-1

23-1515 P 543 of 579



VICINITY MAP

APN

098-100-083-000, EL DORADO COUNTY

RECORD OWNER

DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AS JOINT TENANTS

TITLE REPORT

PRELIMINARY TITLE REPORT WAS PREPARED BY IRON CREST NATIONAL TITLE COMPANY WITH FILE NO. TWR-124252-C WITH EFFECTIVE DATE SEPTEMBER 29, 2022.

BASIS OF ELEVATIONS: (NAVD 1988)

SITE ELEVATIONS ARE ESTABLISHED FROM THE GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12A" MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "LEICA SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88, CALIFORNIA ZONE 2.

FLOOD ZONE

SITE IS LOCATED IN FLOOD ZONE "X" AS PER F.I.R.M. MAP NO. 06017C0775E EFFECTIVE DATE 09/26/2008

LEGAL DESCRIPTIONTHE REAL PROPERTY IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, DESCRIBED AS:
PARCEL ONE:
ALL THAT PORTION OF SECTION 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN,
DESCRIBED AS FOLLOWS:

BEGINNING AT A ¾ INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH ¼ CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET; THENCE FROM THE POINT OF BEGINNING NORTH 67°52'00" EAST, 373.11 FEET TO A SIMILAR PIPE ON THE SOUTHWESTERLY BOUNDARY OF COUNTY ROAD NO. 77; THENCE ALONG SAID BOUNDARY SOUTH 22°08'00" EAST 436.81 FEET TO A 1 ½ INCH CAPPED IRON PIPE; THENCE SOUTH 67°52'00" WEST 5.00 FEET TO A SIMILAR PIPE; THENCE SOUTH 22°12'30" EAST 299.89 FEET TO A SIMILAR PIPE; THENCE NORTH 67°52'00" EAST 10.00 FEET TO A SIMILAR PIPE; THENCE SOUTH 22°08'00" EAST 112.92 FEET; THENCE LEAVING SAID BOUNDARY AND ALONG THE NORTHERLY LINE OF THE LANDS OF WALTER E. WILLIAMS ET UX NORTH 76°58'00" WEST 7.30 FEET TO A 1 ½ INCH CAPPED IRON PIPE RIGHT OF WAY MONUMENT; THENCE GENERALLY ALONG A FENCE LINE NORTH 76°58'00" WEST 816.43 FEET TO A 5/8 INCH IRON BOLT; THENCE CONTINUING GENERALLY ALONG SAID FENCE LINE SOUTH 87°24'30" WEST 371.11 FEET TO A POINT FROM WHICH A 5/8 INCH IRON BAR IN A FENCE CORNER BEARS SOUTH 87°24'30" WEST 1021.00 FEET; THENCE LEAVING SAID FENCE LINE NORTH 46°35'15" EAST 691.78 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM ALL THAT PORTION THEREOF DESCRIBED IN THE DEED TO LOU JEAN E. BOGUSCH AN UNMARRIED WOMAN RECORDED MARCH 15, 196 IN BOOK 4652 AT PAGE 279, OFFICIAL RECORDS.

PARCEL TWO:
ALL THAT PORTION OF SECTION 33, TOWNSHIP 10 NORTH, RANGE 11 EAST, M.D.M. MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE HEREIN DESCRIBED PROPERTY FROM WHICH POINT THE NORTH QUARTER OF SAID SECTION 33 BEARS THE FOLLOWING (3) THREE COURSES: (1) NORTH 30°03'20" WEST 364.30 FEET, (2) NORTH 65°10'30" EAST 428.34 FEET, AND (3) SOUTH 80°02'20" EAST 2,318.71 FEET; THENCE FROM SAID POINT OF BEGINNING NORTH 54°40'27" EAST 125.89 FEET; THENCE NORTH 58°41'32" EAST 95.00 FEET; THENCE SOUTH 31°18'28" EAST 44.45 FEET; THENCE SOUTH 67°52'00" WEST 223.44 FEET TO THE POINT OF BEGINNING.

SCHEDULE B PART II (EXCEPTIONS)

1. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

2. ANY RIGHTS, INTERESTS OR CLAIMS, WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF LAND OR WHICH MAY BE ASSERTED BY PERSONS IN POSSESSION THEREOF.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

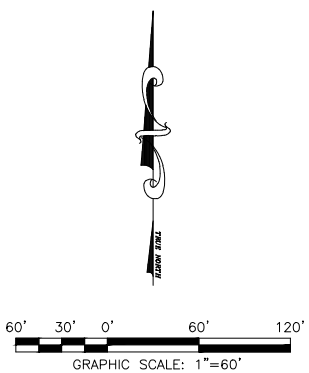
3. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER MATTERS WHICH A CORRECT SURVEY WOULD DISCLOSE AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN IN THE PUBLIC RECORDS.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

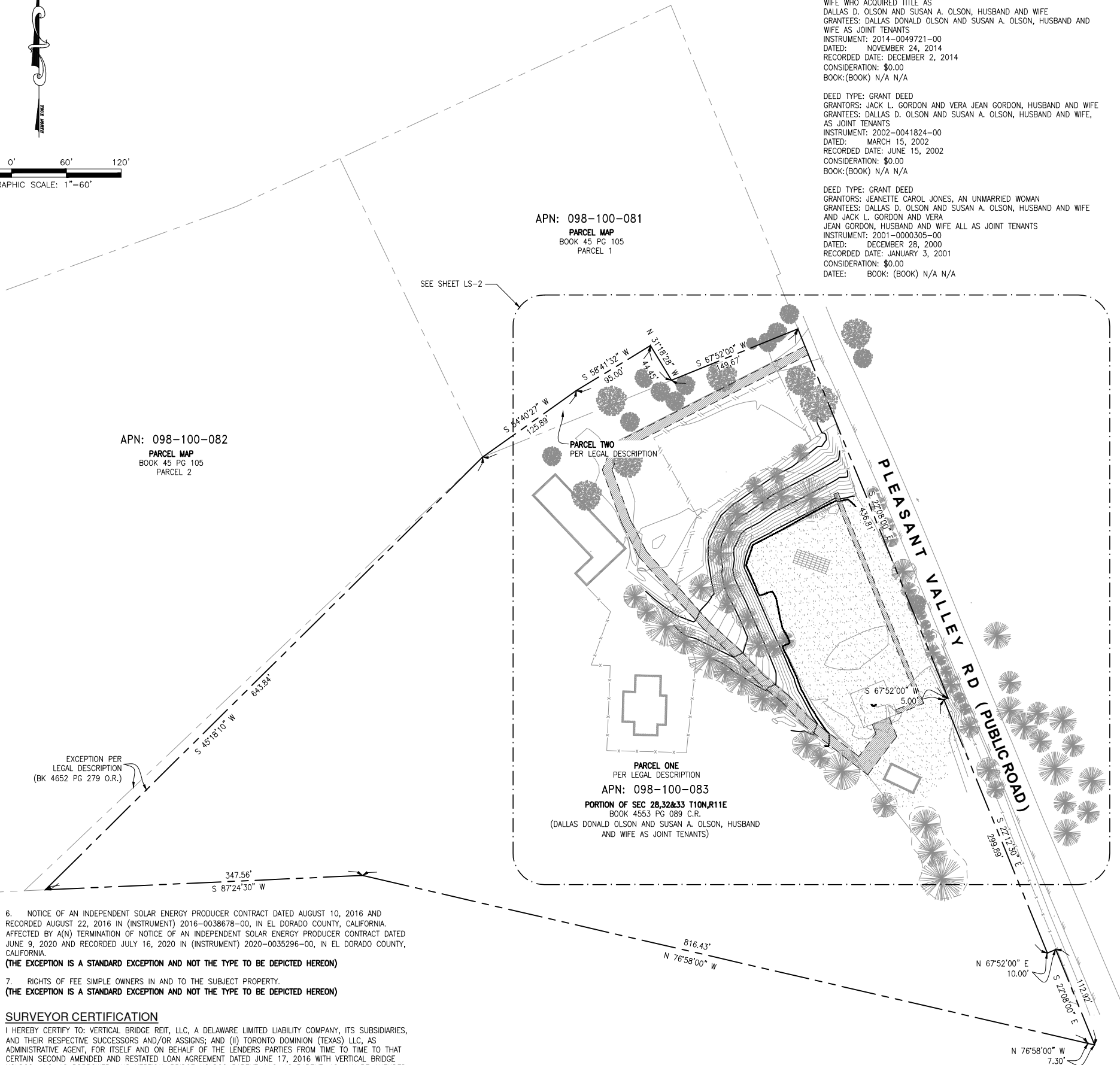
4. TAXES AND ASSESSMENTS FOR THE YEAR AND ALL SUBSEQUENT YEARS ARE A LIEN BUT NOT YET DUE AND PAYABLE.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

5. NOTICE OF MANUFACTURED HOME (MOBILEHOME) OR COMMERCIAL COACH, INSTALLATION ON A FOUNDATION SYSTEM DATED FEBRUARY 21, 2006 AND RECORDED FEBRUARY 22, 2006 IN (INSTRUMENT) 2006-0011529-00, IN EL DORADO COUNTY, CALIFORNIA.

(THE EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE DEPICTED HEREON)

APN: 098-100-082

PARCEL MAP
BOOK 45 PG 105
PARCEL 2**CHAIN OF TITLE**DEED TYPE: GRANT DEED
GRANTORS: DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE WHO ACQUIRED TITLE AS DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE
GRANTEES: DALLAS DONALD OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AS JOINT TENANTS
INSTRUMENT: 2014-0049721-00
DATED: NOVEMBER 24, 2014
RECORDED DATE: DECEMBER 2, 2014
CONSIDERATION: \$0.00
BOOK:(BOOK) N/A N/ADEED TYPE: GRANT DEED
GRANTORS: JACK L. GORDON AND VERA JEAN GORDON, HUSBAND AND WIFE
GRANTEES: DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE, AS JOINT TENANTS
INSTRUMENT: 2002-0041824-00
DATED: MARCH 15, 2002
RECORDED DATE: JUNE 15, 2002
CONSIDERATION: \$0.00
BOOK:(BOOK) N/A N/ADEED TYPE: GRANT DEED
GRANTORS: JEANETTE CAROL JONES, AN UNMARRIED WOMAN
GRANTEES: DALLAS D. OLSON AND SUSAN A. OLSON, HUSBAND AND WIFE AND JACK L. GORDON AND VERA JEAN GORDON, HUSBAND AND WIFE ALL AS JOINT TENANTS
INSTRUMENT: 2001-0000305-00
DATED: DECEMBER 28, 2000
RECORDED DATE: JANUARY 3, 2001
CONSIDERATION: \$0.00
DATEE: BOOK: (BOOK) N/A N/A

SURVEY PREPARED FOR:

verticalbridge

VB BTS II, LLC

750 PARK OF COMMERCE DR.
SUITE 200 | BOCA RATON, FL | 33487
561.948.6367

SITE ACQUISITION

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ASSURANCE
DEVELOPMENT1499 HUNTINGTON DR. | SUITE 305
SOUTH PASADENA, CA | 91030
626.216.2024

ENGINEER

23072 LAKE CENTER DR., SUITE 211
LAKE FOREST, CA 92630
714.624.9027

2	LEASE/ACCESS EASEMENT	LJ	12/13/22
1	FINAL SURVEY	LJ	11/28/22
0	PRELIMINARY SURVEY	AB	11/18/22
NO.	SUBMITTAL / REVISION	BY	DATE

DRAWN: AB
DESIGNED:
CHECKED: AJK

PROJECT NUMBER: US-CA-7310

PROJECT TITLE:
**US-CA-7310
SC60515
DIAMOND SPRINGS**1550 PLEASANT VALLEY RD
PLACERVILLE, CA 95667

ENGINEER STAMP:



DRAWING TITLE:

TITLE SHEETDRAWING SCALE:
AS NOTEDDATE:
12/13/2022UNAUTHORIZED ALTERATION OR ADDITION TO
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23-1513 F 644 of 579

Exhibit H Attachments 1-9

 TREE

● MONUMENT FOR
(AS NOTED)

 LATITUDE: 38°40'57.70" N (38.682694°)
LONGITUDE: 120°46'35.09" W (-120.776414°)

A PARCEL OF LAND LYING WITHIN THAT PORTION OF SECTION 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, SAID PARCEL IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 1 INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH 1/4 CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET; THENCE NORTH 67°52'00" EAST, 373.11 FEET; THENCE SOUTH 22°08'00" WEST 436.81 FEET; THENCE SOUTH 67°52'00" WEST 5.00 FEET; THENCE NORTH 22°45'55" WEST 420.00 FEET; THENCE SOUTH 67°52'00" WEST 420.00 FEET; THENCE NORTH 22°08'00" WEST 40.00 FEET; THENCE NORTH 67°52'00" EAST 40.00 FEET; THENCE SOUTH 22°08'00" EAST 40.00 FEET TO THE TRUE POINT OF BEGINNING.

THOSE STRIPS OF LAND LYING WITHIN THAT PORTION OF SECTION 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, SAID PARCEL IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

A STRIP OF LAND TEN (10.00) FEET WIDE, LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

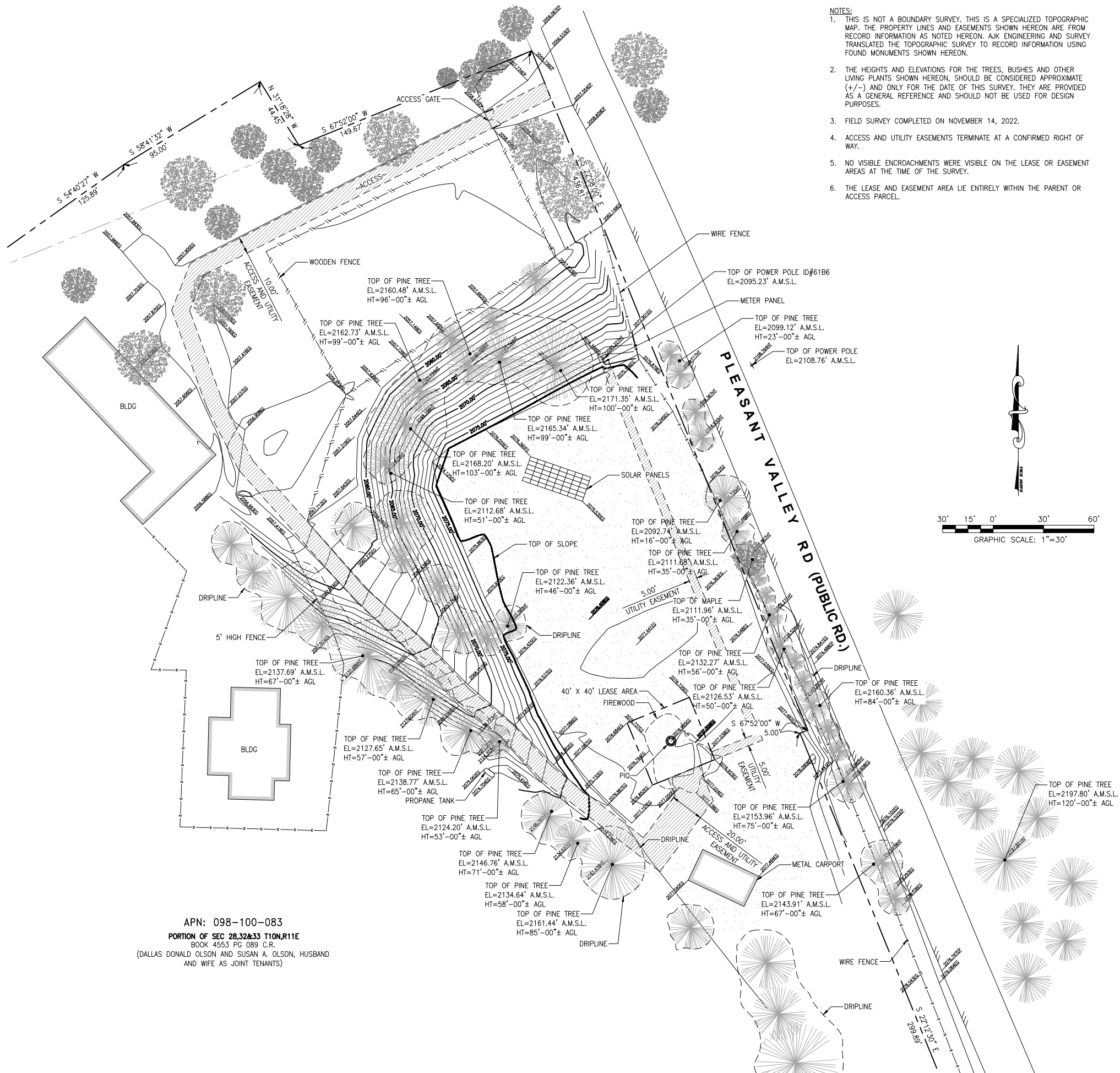
COMMENCING AT A INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH ¼ CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET; THENCE NORTH 67°52'00" EAST, 373.11 FEET; THENCE SOUTH 22°08'00" EAST 25.50 FEET TO THE **TRUE POINT OF BEGINNING**; THENCE SOUTH 62°59'32" WEST 235.12 FEET; THENCE SOUTH 21°33'37" WEST 26.27 FEET; THENCE SOUTH 19°52'19" EAST 57.67 FEET; THENCE SOUTH 26°41'15" EAST 42.63 FEET; THENCE SOUTH 41°45'22" EAST 104.25 FEET; THENCE SOUTH 47°12'32" EAST 46.15 FEET; THENCE SOUTH 43°25'13" EAST 38.25 FEET; THENCE SOUTH 50°49'36" EAST 33.59 FEET; THENCE SOUTH 43°15'22" EAST 34.80 FEET; THENCE SOUTH 52°07'00" EAST 79.07 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE SOUTH 52°07'00" EAST 10.08 FEET TO THE POINT OF TERMINATION.

A STRIP OF LAND TWENTY (20.00) FEET WIDE, LYING 10.00 FEET ON EACH SIDE
OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE AFOREMENTIONED POINT "A"; THENCE NORTH 36°56'49" EAST 5.00 FEET TO THE **TRUE POINT OF BEGINNING**; THENCE NORTH 36°56'49" EAST 37.12 FEET; THENCE NORTH 22°08'00" WEST 16.63 FEET TO THE POINT OF TERMINATION, THE SIDELINE OF SAID STRIP SHALL BE PROLONGED OR SHORTENED AT THE SOUTHEASTERLY LINE OF THE LEASE AREA.

A STRIP OF LAND FIVE (5.00) FEET WIDE LYING WITHIN THAT PORTION OF SECTION 28, 32 AND 33 IN TOWNSHIP 10 NORTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, THE CENTERLINE OF SAID STRIP IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A INCH CAPPED IRON PIPE FROM WHICH POINT THE NORTH ¼ CORNER OF SAID SECTION 33 BEARS NORTH 30°03'20" WEST 364.30 FEET TO A SIMILAR PIPE, NORTH 65°10'30" EAST 428.34 FEET AND SOUTH 80°02'20" EAST, 2318.71 FEET; THENCE NORTH 67°52'00" EAST, 373.11 FEET; THENCE SOUTH 22°08'00" EAST 182.78 FEET; THENCE SOUTH 67°52'00" EAST 29.54 FEET TO THE TRUE POINT OF BEGINNING; SOUTH 22°08'00" EAST 246.96 FEET; THENCE SOUTH 67°52'00" EAST 28.71 FEET TO THE POINT OF TERMINATION. THE BOUNDARY OF SAID STRIP SHALL BE PROLONGED OR SHORTENED AT THE NORTHEASTERLY LINE OF THE LEASE AREA.



NOTES:

1. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP. THE PROPERTY LINES AND EASEMENTS SHOWN HEREON ARE FROM RECORD INFORMATION AS NOTED HEREON. A/JK ENGINEERING AND SURVEY TRANSLATED THE TOPOGRAPHIC SURVEY TO RECORD INFORMATION USING FOUND MONUMENTS SHOWN HEREON.
2. THE HEIGHTS AND ELEVATIONS FOR THE TREES, BUSHES AND OTHER LIVING PLANTS SHOWN HEREON, SHOULD BE CONSIDERED APPROXIMATE (+/-) AND ONLY FOR THE DATE OF THIS SURVEY. THEY ARE PROVIDED AS A GENERAL REFERENCE AND SHOULD NOT BE USED FOR DESIGN PURPOSES.
3. FIELD SURVEY COMPLETED ON NOVEMBER 14, 2022.
4. ACCESS AND UTILITY EASEMENTS TERMINATE AT A CONFIRMED RIGHT OF WAY.
5. NO VISIBLE ENCROACHMENTS WERE VISIBLE ON THE LEASE OR EASEMENT AREAS AT THE TIME OF THE SURVEY.
6. THE LEASE AND EASEMENT AREA LIE ENTIRELY WITHIN THE PARENT OR ACCESS PARCEL.

SURVEY PREPARED FOR:



VB BTS II, LLC

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NO.	SUBMITTAL / REVISION	BY	DATE

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SC60515
DIAMOND SPRINGS

1550 PLEASANT VALLEY RD
PLACERVILLE, CA 95667

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TOPOGRAPHIC SURVEY

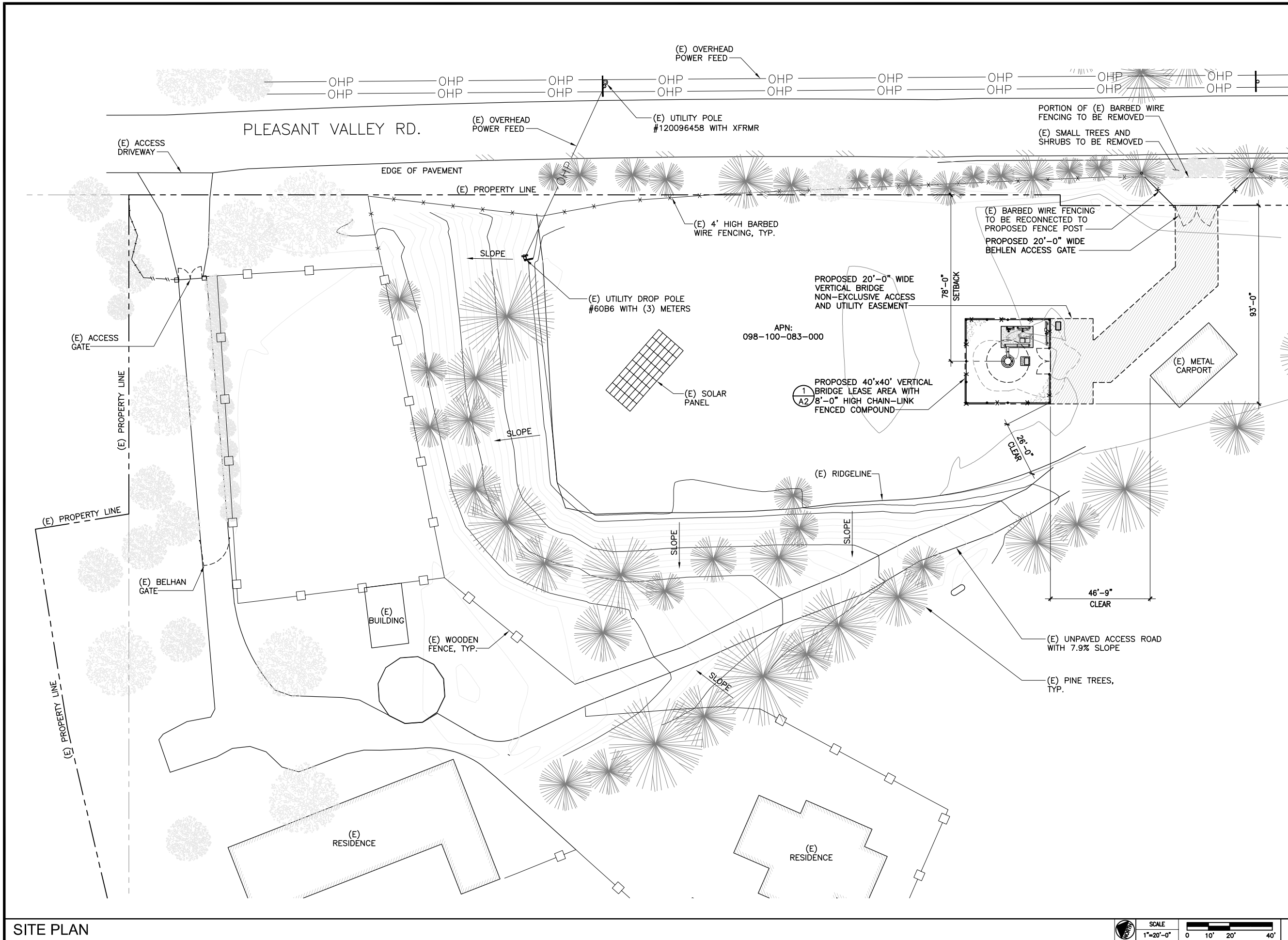
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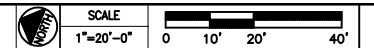
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SITE PLAN



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1	ADDED FIRE ACCESS	APP	04/06/23
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A	ISSUED FOR REVIEW	APP	12/01/22

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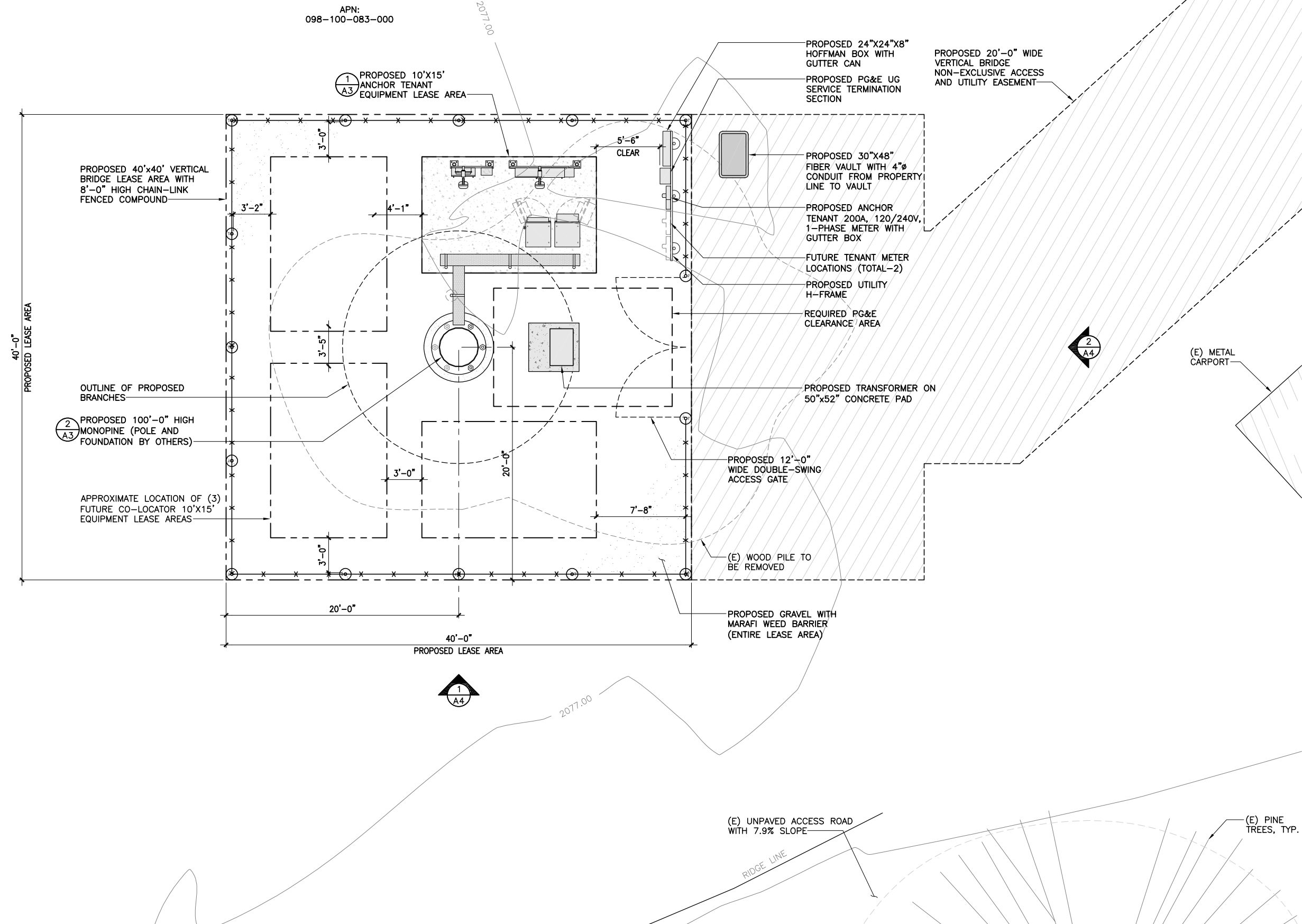
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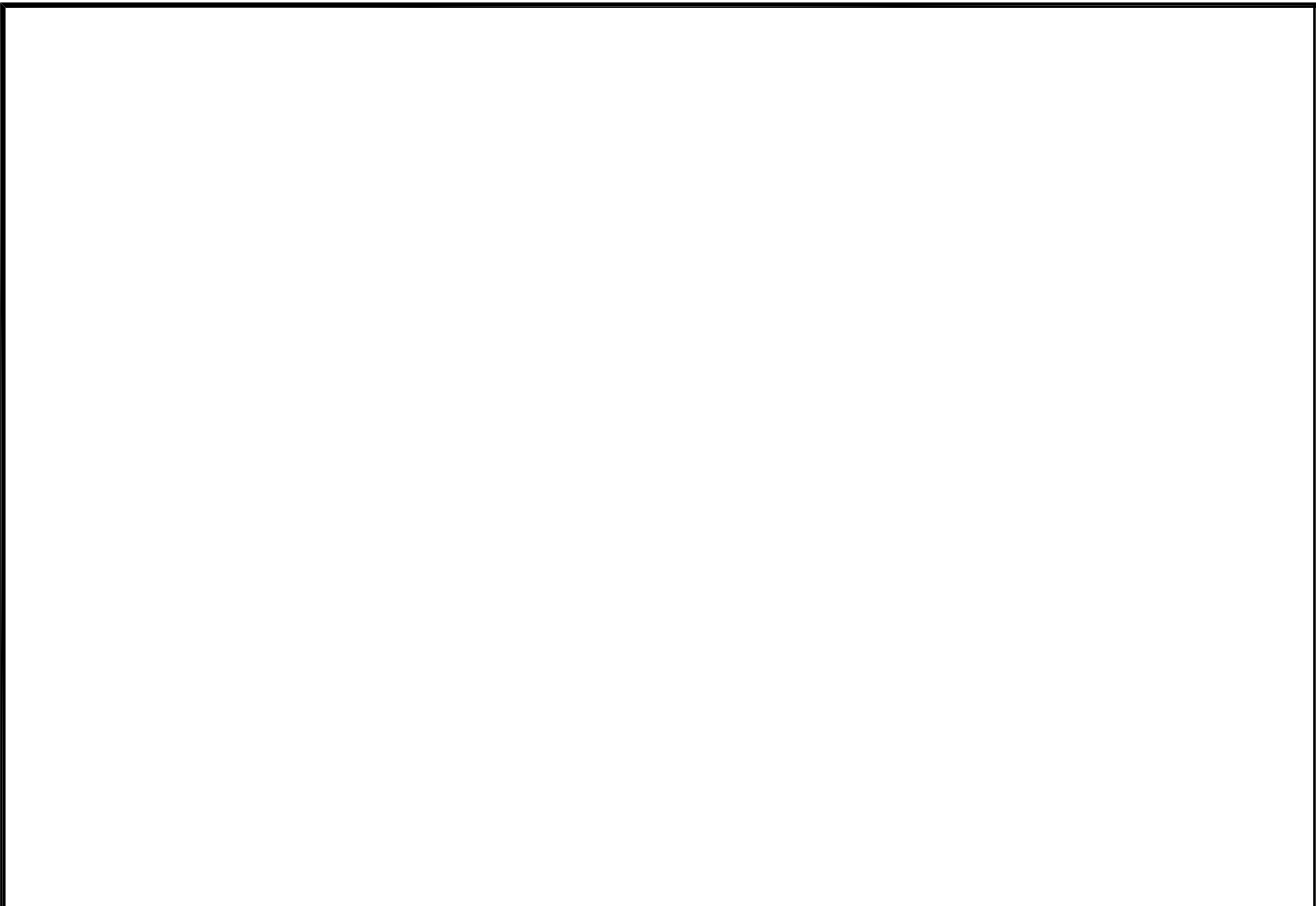
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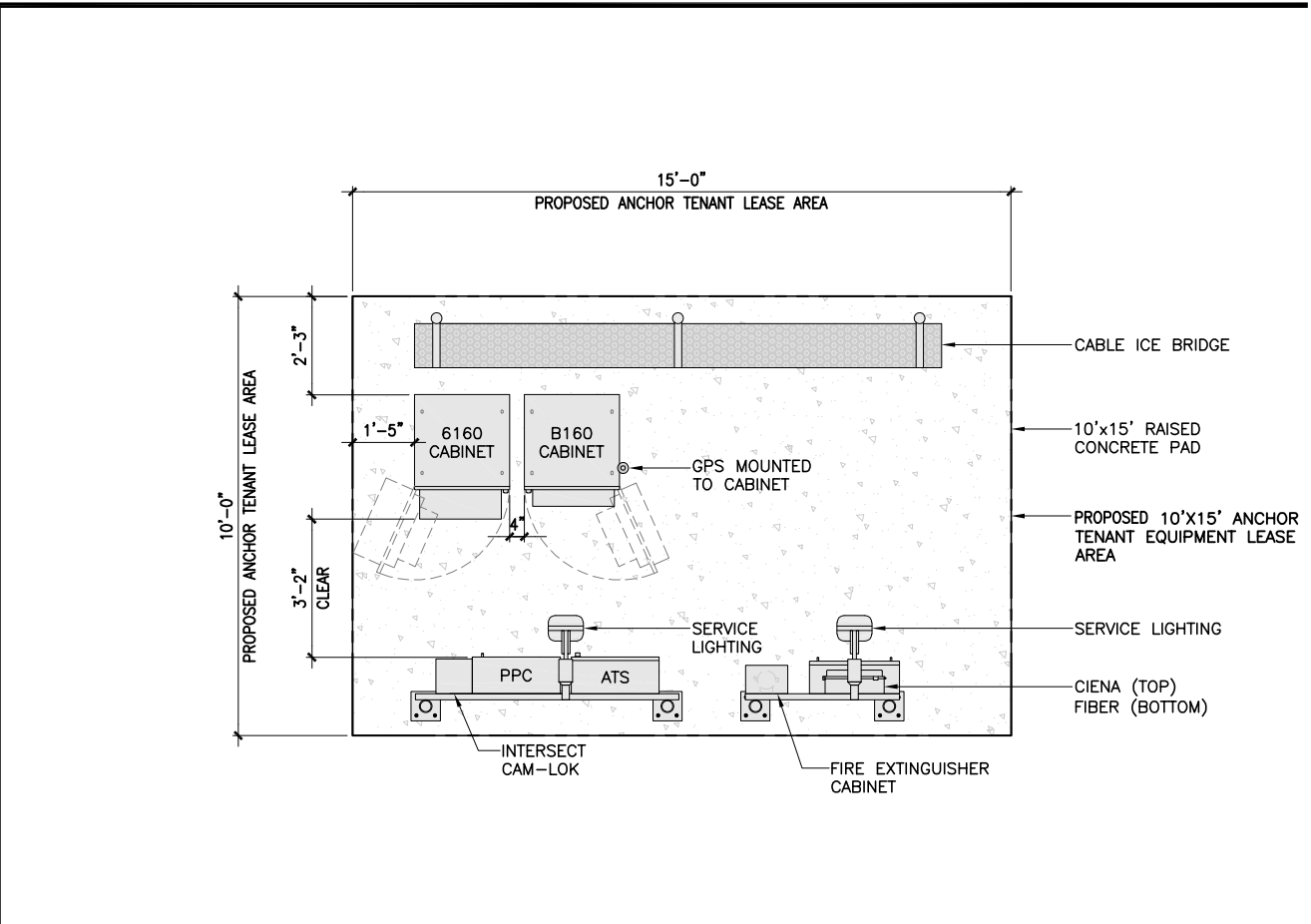
23-1513 P 546 of 579



ENLARGED COMPOUND PLAN



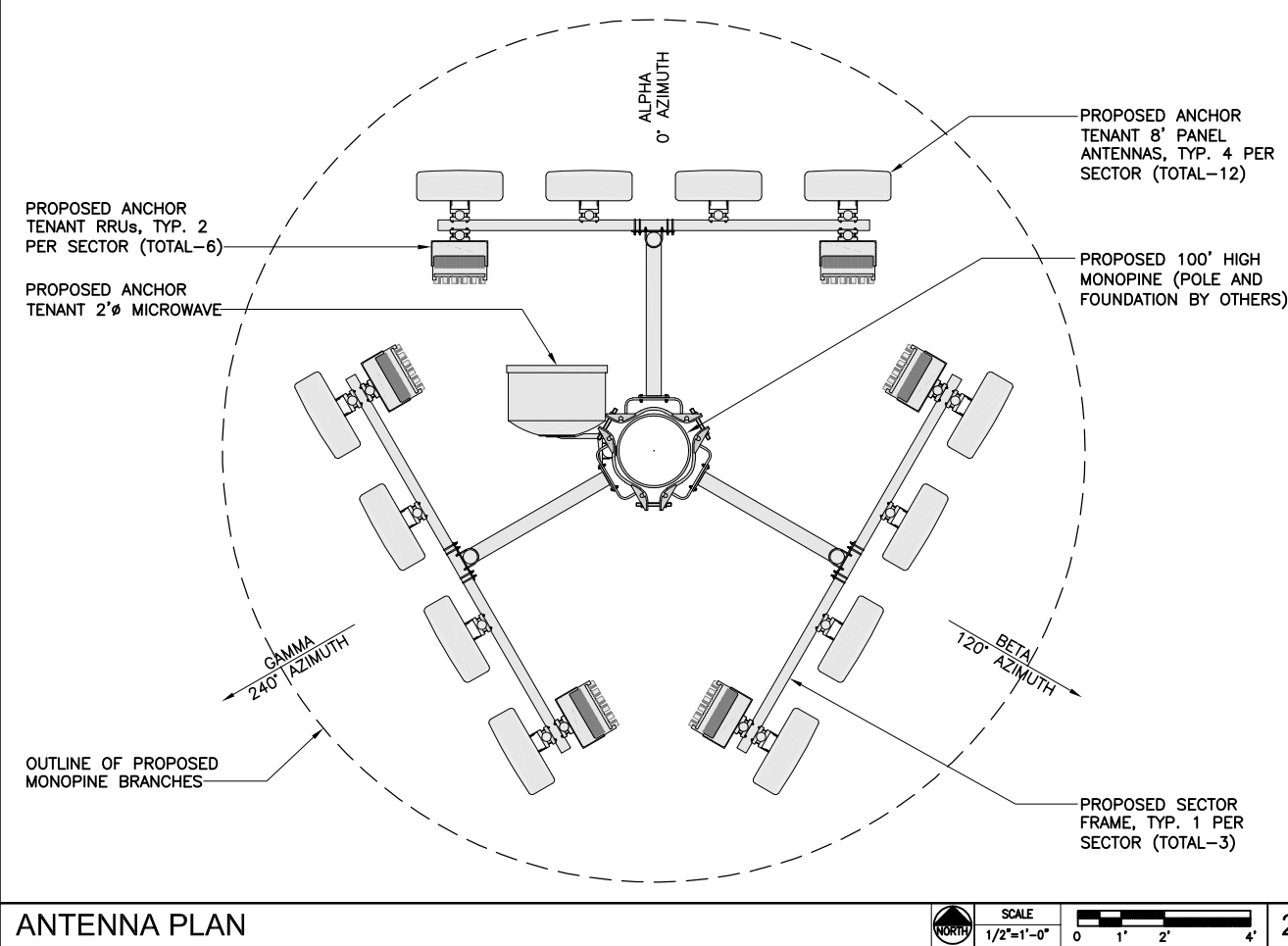
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3 EQUIPMENT PLAN



NOT USED



4 ANTENNA PLAN

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1550 PLEASANT VALLEY RD.
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**EQUIPMENT AND
ANTENNA PLAN**

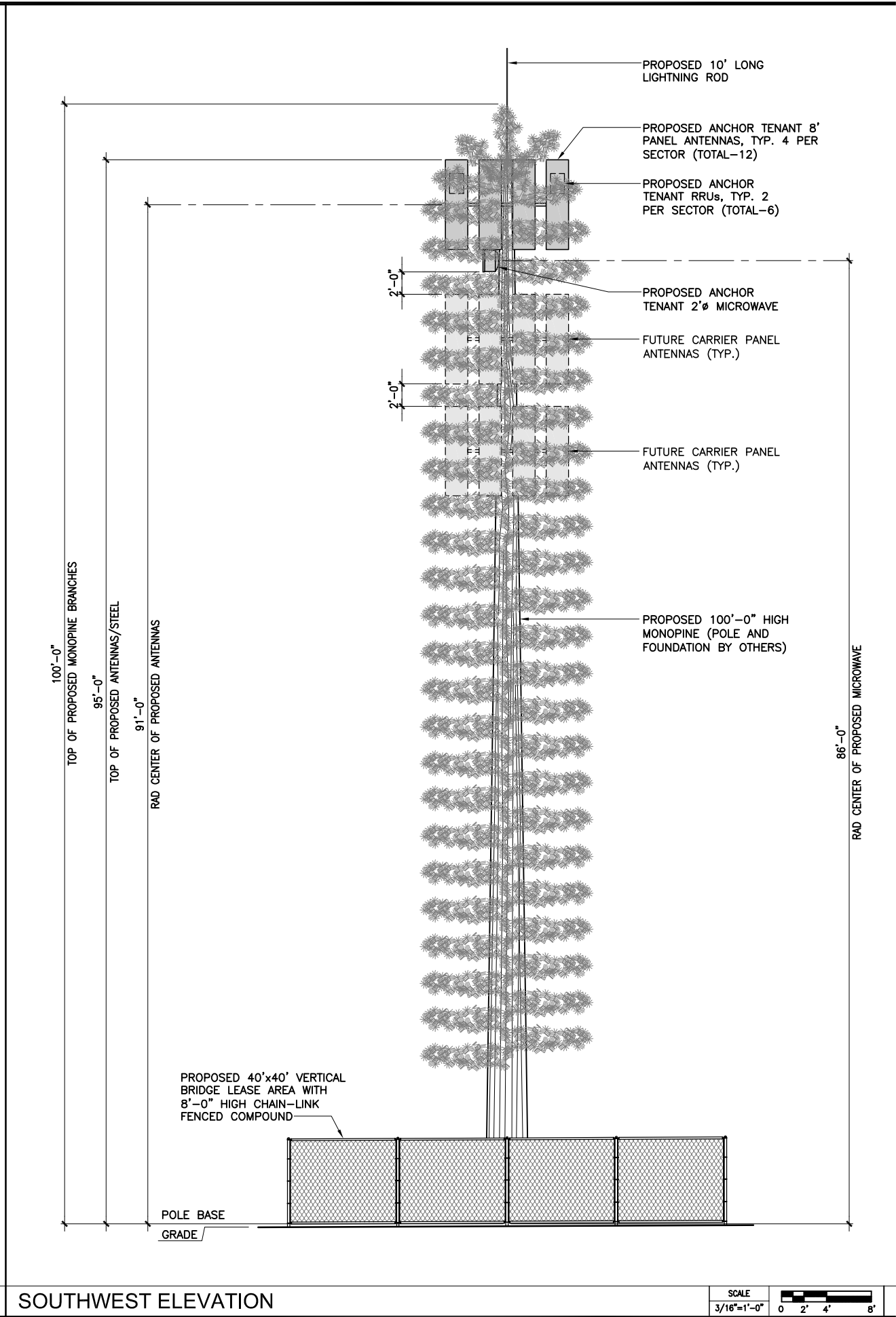
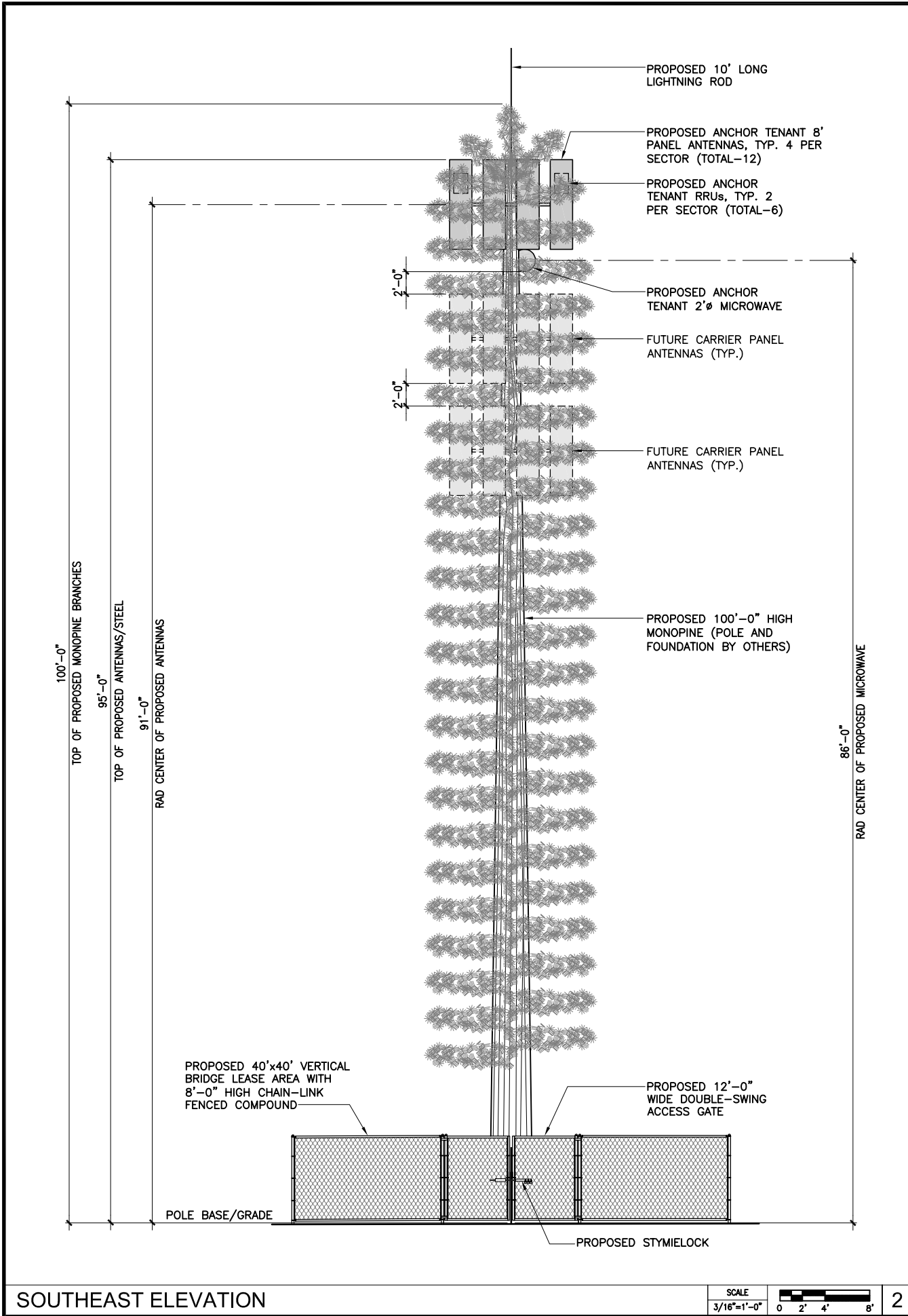
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DIAMOND SPRINGS**

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PHASE I ENVIRONMENTAL SITE ASSESSMENT (ASTM E1527-13)

US-CA-7310 Diamond Springs

1550 Pleasant Valley Road
Placerville, California 95667



Prepared for:

VB BTS II, LLC
750 Park of Commerce Drive, Suite 200
Boca Raton, Florida 33487

Prepared by:

Lotis Environmental, LLC
8899 Main Street - Suite 107
Williamsville, New York 14221

CLIENT DISCLOSURE STATEMENT

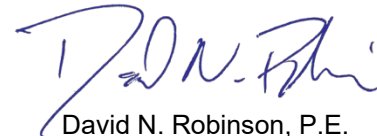
This report was prepared for and may be relied upon by VB BTS II, LLC, its respective Subsidiaries, and its respective successors, assigns, and/or affiliates. Any rating agency, issuer, purchaser, or underwriter of any security collateralized or otherwise backed by the property that is the subject of this report or any loans placed upon the property may further rely upon this report. VB BTS II, LLC, also consents to inclusion of this report in any form, whether in paper or digital format, including any electronic media such as a storage device or the internet/hyperlink, in the Prospectus Supplement relating to any such securitization transaction, and VB BTS II, LLC, consents to the reference to our firm under the caption 'Experts' in such Prospectus Supplement.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in 40 CFR 312.10. See Qualifications in Appendix F.

We possess the specific qualifications based on education, training, and experience required to assess a property of the nature, history, and setting of the target property. We have developed and performed all appropriate inquiries regarding environmental conditions at the target property in conformance with the standards and practices set forth in 40 CFR Part 312.



Kelly Reidy
Environmental Scientist



David N. Robinson, P.E.
President/CEO

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A	Site Photographs
B	Interviews/Questionnaires
C	Regulatory Information
D	Historical Information
E	Previous Study
F	Personnel Qualifications

EXECUTIVE SUMMARY

At the request of VB BTS II, LLC (VB BTS II), and/or its Subsidiaries, a Phase I Environmental Site Assessment (Phase I ESA) was conducted by Lotis Environmental, LLC (Lotis), at a proposed communications site located at **1550 Pleasant Valley Road, Placerville, California (N 38° 40' 57.7", W 120° 46' 35.09")**. The target property is currently undeveloped. The target property is referred to in this report as **"Diamond Springs."** This Phase I ESA was conducted in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-13 (Standard). Any exceptions to, or deviations from, the Standard are described in Section 1.0 of this report. It should be noted that Lotis' conclusions and recommendations would not change if this report was compared to the upcoming ASTM E 1527-21, which has been approved by the Environmental Protection Agency (EPA).

The following potential environmental concerns were identified during the review of historical and/or regulatory information and from observations made during site reconnaissance activities.

Table 1 - Potential Environmental Concerns

Data Gaps/Limitations	<p>Historical Source Interval: Standard historical sources reviewed for the Phase I ESA were not available at the 5-year intervals described in Section 8.3.2.1 of the Standard.</p> <p>First Historical Development: Historical information does not date back to 1940. However, the earliest map predates construction of the existing communications site, the first known development of the target property.</p> <p>Based on the information collected and reviewed as part of this Phase I ESA, the data gaps presented above are not likely to impact the overall ability to determine recognized environmental conditions at the target property.</p>
RECs	None
Historical RECs	None
Controlled RECs	None
De Minimis Conditions	None

This Phase I ESA has identified no recognized environmental conditions in connection with the target property.

Lotis does not recommend any further investigation at this time.

1.0 INTRODUCTION

1.1 PURPOSE

The primary purpose of this study was to provide VB BTS II with sufficient information about recognized environmental conditions (RECs) associated with the target property.

1.2 SCOPE OF WORK

The Scope of Work for this assessment included the following components:

- Site Reconnaissance (to the extent possible)
 - Observations of Hazardous Substances/Petroleum Product Containers
 - Observations of Storage Tanks
 - Indications of Polychlorinated Biphenyls (PCBs)
 - Indications of Solid Waste Disposal/Other
- Records Review
 - Physical Setting Sources
 - Standard Environmental Record Sources
 - Historical Use Information
- Interviews
 - Interviews with Owners and Occupants (if available during site visit and/or via telephone)
 - Interviews with Local Government Officials (when applicable)
- Evaluation, Report Findings, and Recommendations summarized in this written Phase I Environmental Site Assessment (ESA).

1.3 SIGNIFICANT ASSUMPTIONS

No significant assumptions were made during the completion of this study.

1.4 LIMITATIONS AND EXCEPTIONS

Lotis performed these services in a manner consistent with the level of care and expertise exercised by members of the environmental assessment profession and in accordance with the ASTM Standard for Phase I ESA which is “intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner defense to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).”

It is Lotis' experience that environmental liabilities may be incurred that are in addition to those associated with CERCLA. Lotis is strictly limited to identifying RECs associated with the target property as identified within the scope of work. Lotis' assessment does not evaluate the structural conditions of any buildings on the target property or for regulatory compliance issues. Lotis additionally did not assess the target property for the potential of asbestos containing building materials, biological agents, cultural or historic resources, ecological resources, endangered species, health and safety concerns, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene concerns, lead-based paint, lead in drinking water, mold, radon, or wetlands. Non-assessed potential issues such as these can present environmental liabilities to a property owner but are generally considered “non-scope” items in the ASTM scope of work for Phase I ESAs. In addition, any limitations requested by VB BTS II are described herein. Additional limitations were not requested by VB BTS II. By not commenting on the presence of materials or the conduct of practices, Lotis does not confirm the absence of materials or the

acceptability of site operations. Sampling of soils, groundwater, and surface water were not included within the scope of work for this project.

Additionally, the site inspection activities did not include any attempt to identify the presence of environmental contamination that exists in areas that cannot be visually observed. This includes surface soils located under pavement, structures, vehicles, or other media interference; subsurface soils; groundwater; areas in any buildings; or other areas on the property that are otherwise inaccessible due to locked or blocked accesses, geographic or vegetation impediments, weather interference, or size of the property. **NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE.**

This report presents Lotis' site reconnaissance observations, findings, and conclusions based on conditions as they existed at the time of the site reconnaissance. The findings presented in this report are based upon reasonably ascertainable information, available records, and site conditions observed during the ESA. Lotis makes no representation or warranty that past or current operations at the property are, or have been, in compliance with applicable federal, state, and local laws, regulations, and codes. Lotis makes no guarantees as to the accuracy or completeness of information obtained from others during this Phase I ESA investigation. It is possible that information exists beyond the scope of this assessment, or that pertinent information was not provided to Lotis. Additional information subsequently provided, discovered, or produced may alter findings or conclusions presented in this Phase I ESA report. Lotis is under no obligation to update this report to reflect such subsequent information.

The ASTM E1527-13 Standard recognizes inherent limitations for Phase I ESAs that apply to this report, including:

- Uncertainty Not Eliminated – No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Data gaps identified during this Phase I ESA are listed in Section 6.0.
- Not Exhaustive – A Phase I ESA is not an exhaustive investigation.
- Past Uses of the Property – A review of standard historical sources at intervals of less than five years is not required.

VB BTS II is advised that the Phase I ESA conducted at the target property is a limited inquiry into a property's environmental status, cannot wholly eliminate uncertainty, and is not an exhaustive assessment to discover every potential source of environmental liability at the target property. Therefore, Lotis does not make a statement: i) of warranty or guarantee, expressed or implied for any specific use; ii) that the target property is free of RECs or environmental impairment; iii) that the target property is "clean"; or iv) that impairments, if any, are limited to those that were discovered while Lotis was performing the Phase I ESA. This limiting statement is not meant to compromise the findings of this report; rather, it is meant as a statement of limitations within the ASTM Standard and intended scope of this assessment. Any site-specific limitations identified during the target property reconnaissance are described in Section 2.2. Subsurface conditions may differ from the conditions implied by surface observations and can be evaluated more thoroughly through intrusive techniques that are beyond the scope of this assessment.

This report does not warrant against future operations or conditions, nor does it warrant against the presence of operations or conditions of a type or at a location not assessed. Regardless of the findings stated in this report, Lotis is not responsible for consequences or conditions arising from facts that were not fully disclosed to Lotis prior to submission of this report.

An independent data research company conducted the government agency database review referenced in this report. Information regarding surrounding area properties was requested for approximate minimum search distances. The information provided was assumed to be correct and complete unless obviously contradicted by Lotis' observations or other credible reference sources reviewed during the assessment.

Results of this assessment are based upon the visual site inspection of readily accessible areas of the target property conducted by Lotis personnel, information from interviews with knowledgeable persons regarding the target property, information reviewed regarding historical uses, information requested from regulatory agencies, and review of publicly available and practicably reviewable information identifying current and historical uses of the target property and surrounding properties.

Access to the interior of all buildings within the target property was not provided and building interiors are not included in the scope of work for this project.

All conclusions regarding this property represent the professional opinions of the Lotis personnel involved with this project. The findings of this report should not be considered a legal interpretation of existing environmental regulations. Lotis assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of Lotis, or developments resulting from situations outside the scope of this project.

1.5 DEVIATIONS

There were no deviations from the ASTM E1527-13 Standard during the completion of this Phase I ESA report.

2.0 SITE DESCRIPTION

2.1 GENERAL

A current aerial photograph of the target property and USGS 7.5 Minute Topographic map showing the target property and surrounding area are provided as Figure 1 and Figure 2, respectively.

The target property is located on the west side of Pleasant Valley Road, less than one-quarter mile south of Ponderhill Way. The latitude/longitude of the target property is N 38° 40' 57.7", W 120° 46' 35.09", and the elevation of the target property is approximately 2070 feet above mean sea level. The following onsite features were noted during Lotis' site reconnaissance:

Table 2 - Site Observations

Site Feature	Description
Communications Tower(s)	none
Fenced	yes
Equipment Cabinet(s)	none
Equipment Shelter(s)	none
Electrical Service	none
Electric Meter(s)	none
Generator(s)/Observed or Indicated	diesel (none), propane (none), natural gas (none) hydrogen (none)
Surface Material	grassed
Topography	flat
Vegetation	lush and abundant
Sewage	none
Potable Water	none
Other	none

2.2 SITE RECONNAISSANCE

Lotis performed a site reconnaissance on January 12, 2023. The purpose of the reconnaissance was to evaluate the target property, to observe adjoining/nearby properties, and to identify unlisted properties in the area that may affect the target property. Photographs from the site reconnaissance are provided as Appendix A. The area of the target property was walked, as its small area did not necessitate the use of a grid search pattern.

2.2.1 Current Uses of the Target Property:

The target property is currently an open field.

2.2.2 Current Uses of Adjacent/Nearby Properties:

Current visible uses of nearby properties include the following as viewed from the target property to the:

North - open field, then open field with trees, then Pleasant Valley Road, then agricultural cropland, then private driveway, then open field with trees, then Glee Lane;

East - open field, then Pleasant Valley Road, then forested, then Saefong Family Farms, then forested, then residential;

South - open field, then shed, then open field with trees, then residential, then Combo Court, then forested, then residential; and

West - open field, then agricultural pasture and residential, then pond, then open field with trees, then Ponderhill Way, then residential, then forested.

2.2.3 Hazardous Materials

No storage drums were found on the target property at the time of the site reconnaissance. There were no indications of hazardous substance or petroleum product mishandling such as distressed vegetation, staining, or soil discoloration.

No storage drums were observed on adjacent properties at the time of the site reconnaissance. There were no indications of hazardous substance or petroleum product mishandling such as distressed vegetation, staining, or soil discoloration.

2.2.4 Indications of Waste Disposal / Other

No evidence of waste disposal on the target property was noted at the time of the site reconnaissance. Evidence of trash burning on the target property was noted at the time of the site reconnaissance.

Miscellaneous debris was observed on adjacent properties at the time of the site reconnaissance. The miscellaneous debris should not pose an environmental concern to the target property. There was no evidence of trash burning on adjacent properties.

There was no indication of foul or unusual odors at the target property during the site visit.

2.2.5 Indications of PCBs

Lotis inspected the target property for types of equipment that have historically been associated with the use of PCBs as a dielectric fluid coolant and stabilizer (i.e. transformers, elevators, hydraulic lifts, fluorescent lighting). The use of PCBs was banned in 1979. The following transformer observations were noted during the site reconnaissance:

Table 3 - Transformer Observations

	Pole-Mounted	Pad-Mounted	PCB-Free Sticker(s) Observed	Observed Staining/Leaking
Target Property	none	none	n/a	none
Adjacent Properties	one	none	none	none

2.2.6 Storage Tanks

The following storage tank observations were noted on the **target property** during Lotis' site reconnaissance:

Table 4 - Target Property Tanks

	Petroleum	Propane	Other	Environmental Concern
Aboveground Storage Tank (AST)	none	none	none	none
Underground Storage Tank (UST)	none	none	none	none

The following storage tank observations were noted on **adjacent properties** during Lotis' site reconnaissance:

Table 5 - Adjacent Tanks

	Petroleum	Propane	Other	Environmental Concern
Aboveground Storage Tank (AST)	none	one	none	No evidence of staining and/or leaking was observed in the area surrounding the tank(s).
Underground Storage Tank (UST)	none	none	none	none

3.0 ENVIRONMENTAL AND HISTORICAL RECORDS REVIEW

3.1 PHYSICAL SETTING

3.1.1 General Topographic Setting

Review of the United States Geological Survey (USGS), Placerville, CA 7.5-Minute Quadrangle map indicates that the regional topography generally slopes in a westerly gradient. The soil surface texture in the vicinity of the target property is silt loam and the soil drainage is considered well drained.

3.1.2 Surface Water

No surface water was observed on the target property during the site visit.

No surface water was observed on adjacent properties during the site visit.

3.1.3 Groundwater Wells and Depth

Environmental Risk Information Services (ERIS) searches and summarizes data on wells and groundwater depth from public databases. The number and type of wells is listed in the Physical Setting Report (PSR) located in Appendix C of this report. However, it should be noted that groundwater depth fluctuates based on several factors. If the actual groundwater depth needs to be determined, a site specific groundwater survey should be completed.

3.1.4 Groundwater Flow

Groundwater flow direction at the target property is not known. However, based on topographic gradient, the direction of groundwater flow in the general area of the target property is estimated to be in a westerly direction. Groundwater beneath the target property is of concern when there are properties located upgradient of the target property that may have environmental concerns. Section 3.4 provides additional information on identified upgradient properties with current or historical environmental concerns.

It is important to note that although groundwater flow direction can be interpreted based on topography, the actual measurement of groundwater levels and potentiometric surface mapping is beyond the scope of work for this project. Measurement of groundwater levels and potentiometric surface mapping is the only accurate means of determining groundwater flow direction and gradient. Additionally, localized factors such as the presence of undocumented or unregistered pumping wells or other subsurface obstructions, seasonal fluctuations in precipitation, geologic heterogeneity, and nearby surface waters may also significantly influence groundwater gradient and flow direction at the target property.

3.2 HISTORICAL USE INFORMATION

The following historical reference materials were utilized to determine prior use of the target property and adjacent/nearby properties:

ERIS Historic Aerials Report – 1946, 1952, 1962, 1975, 1984, 1993, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, and 2020.

Fire Insurance Maps were ordered by Lotis through ERIS for historical information relative to the target property and surrounding area. However, ERIS indicated that the target property is an unmapped property. A copy of the letter is included in Appendix D of this report.

Physical characteristic changes for the target and adjacent/nearby properties were observed as follows:

Table 6 - Historic Uses Summary

Year	Setting	Target Property Use	Adjacent/Nearby Property Use			
			North	East	South	West
1946	Rural	Orchard	Orchard	Orchard	Orchard	Orchard
1984	Rural	Open Field	Open Field	Open Field	Open Field	Open Field
2004	Rural	Open Field	Open Field	Open Field	Open Field	Open Field with Trees
2020	Rural	Open Field	Open Field	Open Field	Open Field	Open Field with Trees

3.3 SUMMARY OF PREVIOUS ENVIRONMENTAL SITE ASSESSMENTS

Lotis was not provided a previous Phase I ESA for the target property, as reflected in Appendix E.

3.4 STATE STANDARD AND FEDERAL ENVIRONMENTAL RECORD SOURCES

ERIS was utilized to conduct a database search of environmental records. The search radius of the ERIS Database Report (ERIS Report) meets or exceeds the government records search requirements of the ASTM Standard E1527-13 for Phase I ESAs. The ERIS Report is provided as Appendix C. Table 7 provides the summary of the databases searched by ERIS and findings of each, i.e. number of sites identified within the search radius.

Table 7 - Environmental Risk Information Services Summary

Database *	Total Site(s)
• NPL	0
• Proposed NPL	0
• Delisted NPL	0
• NPL Liens	0
• SHWS	0
• STATE LANDFILL	0
• CERCLIS-NFRAP	0
• CERCLIS	0
• HHSS	1
• RCRA -TSD	0
• RCRA CORRACTS	0
• RCRA non-CORRACTS TSD	0
• UST SWEEPS	2
• ROD	0
• INSTITUTIONAL CONTROLS	0
• ENGINEERING CONTROLS	0
• ERNS	0
• LUST	1
• UST	0
• AST	0
• LAST	0
• SPILLS	0
• VCP	0
• RCRA - LQG	0
• RCRA - SQG	0
• RCRA - CESQG	0
• RCRA – NonGen	0
• MRDS	18
• MINES	0
• HIST TANK	1
• Brownfields	0
• TRIS	0

Within a one-mile radius of the target property, twenty-three sites were identified on the federal and/or state databases (*note: sites may be listed in multiple databases*). One unplottable site, those sites not mapped due to poor or inadequate address information, was identified. During the site visit, the orphan site was not observed near the target property.

Of the sites listed in Table 7, three were located within one-quarter mile of the target property. A summary of Lotis' review of these sites is presented in Table 8 below.

Table 8 - Sites of Concern Summary

Site	Database	Review Notes
Depolo Stock Farm	HHSS, HIST TANK	One tank is listed on the HIST TANK database, suggesting the tank has been closed or removed. No evidence suggesting any releases.
Sierra Trading Post	LUST, UST SWEEPS	This site was identified as a registered underground storage tank (UST) facility with two tanks listed for the site. Leaking underground storage tank (LUST) Incident No. T0601700048 dated May 20, 1992 involved the discover of soil contaminated with gasoline during a tank removal. This incident was closed by the local regulator on March 19, 1996.
Depolo Stock Farm	UST SWEEPS	This site was identified as a registered UST facility with one tank listed for the property.

The listings described at Table 9 above are not likely to environmentally impact the target property. Based on a distance generally greater than one-quarter mile from the target property, general topographic position relative to the target property, lack of violations, and/or case type/status, no further evaluation of potential impact from the remaining sites is needed.

4.0 INTERVIEWS

4.1 CURRENT OWNER/OPERATORS/SITE OCCUPANTS/SITE MANAGER

The current property owner of the target property (Mr. Dallas Olson for: (530) 306-4885) was interviewed to obtain information indicating RECs in connection with the target property. Mr. Olson indicated that to his knowledge the target property has no environmental cleanup liens or Activity and Use Limitations (AULs). Mr. Olson also indicated that he was unaware of past environmental concerns (i.e., chemical releases or cleanups) at the target property. Mr. Olson stated that he purchased the property in 2001 and that the target property is an open field. A copy of Lotis' key site personnel interview record is included in Appendix B.

4.2 LOCAL GOVERNMENT OFFICIALS

Lotis attempted to interview at least one staff member of the El Dorado County Environmental Health Fire Department to obtain information indicating RECs in connection with the target property; however, contact could not be established. If a response is received that identifies environmental concerns an addendum to this report will be issued.

4.3 ADDITIONAL INTERVIEWS

No additional interviews were completed.

4.4 USER QUESTIONNAIRE

A completed User Questionnaire was not provided to Lotis by the User. No title records were provided to Lotis by the User.

5.0 NON-SCOPE ENVIRONMENTAL CONSIDERATIONS

5.1 ASBESTOS-CONTAINING BUILDING MATERIALS

No structures were located onsite at the time of the inspection and no asbestos containing materials were noted onsite.

5.2 LEAD-BASED PAINT

No painted surfaces were noted onsite.

5.3 RADON

Research in the area of the target property suggests an average basement radon concentration of less than four pCi/L relative to El Dorado County, California. As such, radon should not be a concern.

5.4 WETLANDS

The ERIS Database Report includes general information relative to wetlands and flood zones. No wetland or flood zone areas were identified on or adjacent to the target property.

5.5 MOLD

None observed.

5.6 VAPOR ENCROACHMENT CONDITIONS

This assessment included review of the regulatory database discussed above in relation to section 3.4 of the ASTM E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. If soil or groundwater is contaminated with a volatile compound (that is, something that can escape from water or soil to air, such as gasoline and solvents), that contaminant can migrate through the soil and present in the air inside of buildings, especially within basement areas. The ASTM E2600-10 standard designates this a Vapor Encroachment Condition (VEC). Soil vapors do not necessarily migrate along groundwater flow paths. Vapors can migrate via hydraulic gradients and may extend beyond a groundwater plume. Vapor intrusion has been identified at a significant number of sites and state and federal environmental regulators have "reopened" numerous spill and waste cases to assess whether a VEC assessment is warranted.

None of the information obtained/reviewed as part of this assessment suggested the potential for a VEC at the target property.

5.7 PER- AND POLYFLUOROALKYL SUBSTANCES

Per- and Polyfluoroalkyl Substances (PFAS) are widely used, long lasting chemicals, components of which break down very slowly over time. Because of their widespread use and their persistence in the environment, many PFAS are found in the water, air, fish and soil at locations across the globe. Scientific studies have shown that exposure to PFAS in the environment may be linked to harmful health effects in humans and animals. There are thousands of PFAS chemicals, and they are found in many different consumer, commercial, and industrial products. The List of conditions where PFAS could be identified as a potential environmental concern are numerous (manufacturing operations, car washes, tanneries, former junk yards, sites where firefighting foam may have been used, etc.).

None of the information obtained/reviewed as part of this assessment suggested a PFAS concern at the target property. In addition, the seller did not indicate knowledge of the use of the emerging contaminants (PFAS) at the target property and the use of such is unlikely given the use of the site.

6.0 DATA GAPS

A data gap, as defined in the ASTM Standard E1527-13, is an absence of information that affects the ability of the environmental professional to identify RECs. The following data gaps were identified in the Phase I ESA:

Historical Source Interval: Standard historical sources reviewed for the Phase I ESA were not available at the 5-year intervals described in Section 8.3.2.1 of the Standard.

First Historical Development: Historical information does not date back to 1940. However the earliest map predates construction of the existing/proposed telecommunications site, which will be the first known development of the target property.

Based on the information collected and reviewed as part of this Phase I ESA, the data gaps presented above are not likely to impact the overall ability to determine recognized environmental conditions at the target property.

7.0 FINDINGS AND OPINIONS

7.1 RECs

ASTM defines recognized environmental conditions (RECs) as “the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.” The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This Phase I ESA has identified no RECs in connection with the target property.

7.2 HISTORICAL RECS

ASTM defines historical recognized environmental conditions (HRECs) as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations (AULs), institutional controls, or engineering controls).”

This Phase I ESA has identified no HRECs in connection with the target property.

7.3 CONTROLLED RECS

ASTM defines controlled recognized environmental conditions (CRECs) as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This Phase I ESA has identified no CRECs in connection with the target property.

7.4 DE MINIMIS CONDITIONS

ASTM defines de minimis conditions (de minimis) as “conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.”

This Phase I ESA has identified no de minimis conditions in connection with the target property.

8.0 RECOMMENDATIONS

Based on the results of the Phase I ESA, Lotis does not recommend further investigation at this time.

9.0 REFERENCES

Site Reconnaissance

Phase I ESA Site Reconnaissance Checklist and Photos. janvier 12, 2023.

Regulatory

Environmental Risk Information Services, Database Report, 1550 Pleasant Valley Road, c, California, 95667. Order Number: 23010400317. January 5, 2023.

Environmental Risk Information Services, Physical Setting Report, 1550 Pleasant Valley Road, c, California, 95667. Order Number: 23010400317p. January 4, 2023.

Environmental Risk Information Services, Historical Aerials, 1550 Pleasant Valley Road, c, California, 95667. Order Number: 23010400317. January 4, 2023.

Environmental Risk Information Services, Fire Insurance Maps, 1550 Pleasant Valley Road, c, California, 95667. Order Number: 23010400317. January 6, 2023.

Previous Studies

None

Figures

Figure 1 Vicinity Map
Figure 2 Topographic Map



Figure 1 Vicinity Map

VB BTS II, LLC
1550 Pleasant Valley Road
c, California 95667



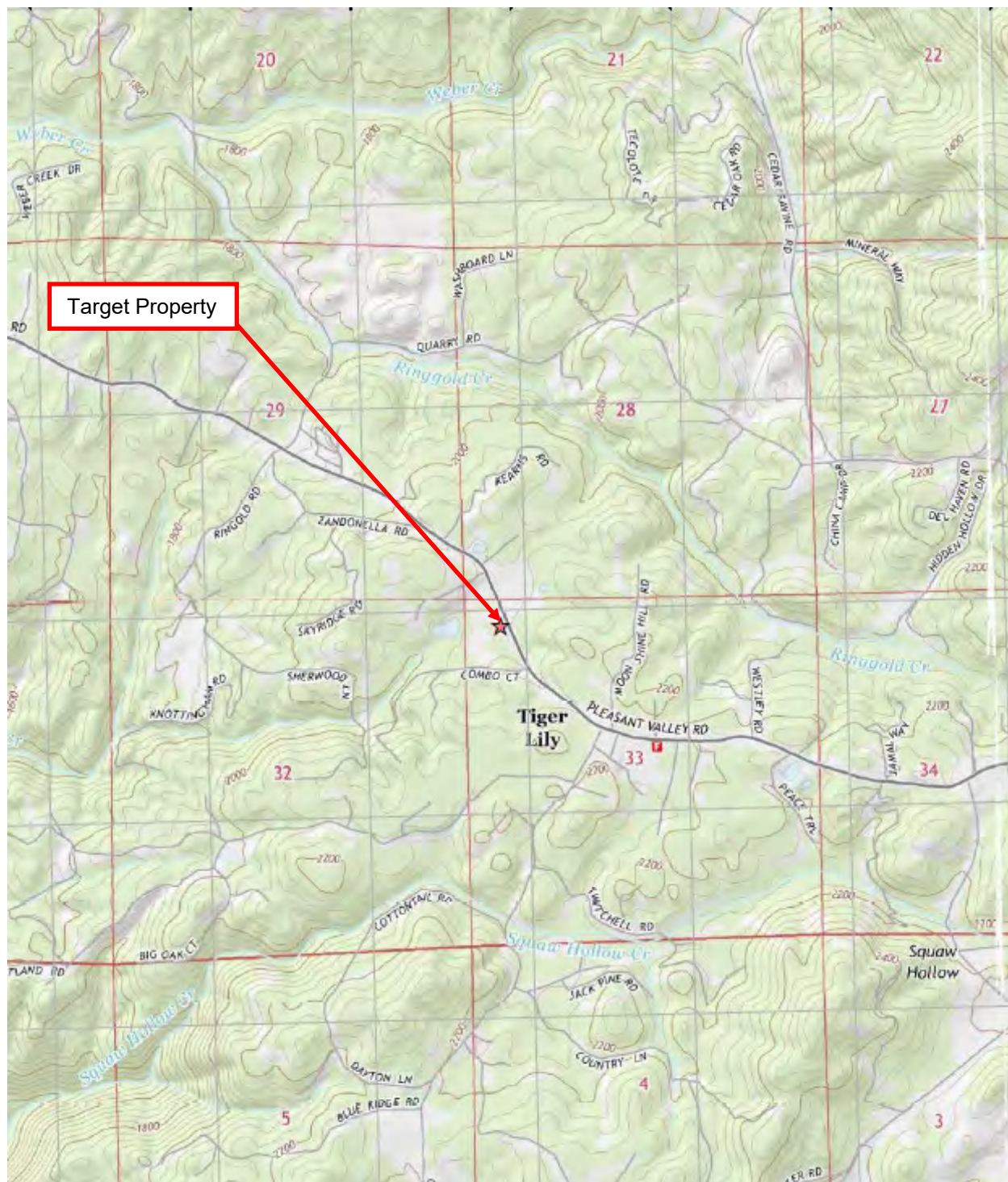


Figure 2
USGS Topographic Map

VB BTS II, LLC
1550 Pleasant Valley Road
c, California 95667



Appendices

<i>Appendix A</i>	<i>Site Photographs</i>
<i>Appendix B</i>	<i>Interviews/Questionnaires</i>
<i>Appendix C</i>	<i>Regulatory Information</i>
<i>Appendix D</i>	<i>Historical Information</i>
<i>Appendix E</i>	<i>Previous Study</i>
<i>Appendix F</i>	<i>Personnel Qualifications</i>

Appendix **A**

Site Photographs



Site Photograph 1 – View of the target property



Site Photograph 2 – View north from the target property

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
c, California 95667

Photographed:
January 12, 2023





Site Photograph 3 – View east from the target property



Site Photograph 4 – View south from the target property

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
c, California 95667

Photographed:
January 12, 2023





Site Photograph 5 – View west from the target property

Site Photographs
VB BTS II, LLC – Diamond Springs
1550 Pleasant Valley Road
c, California 95667

Photographed:
January 12, 2023



Appendix **B**

Interviews/Questionnaires



Lotis Environmental, LLC
8899 Main Street, Suite 107
Williamsville, New York 14221

KEY SITE PERSONNEL TELEPHONE INTERVIEW FORM

Lotis Interviewer	Doreen Perrello	Interview Date	1/31/2023
Site ID	US-CA-7310		
Site Name	Diamond Springs		
Site Address	1550 Pleasant Valley Road	c	California
			95667
Key Site Personnel	Mr.	Dallas	Olson
			Phone Number (530) 306-4885
Relationship to Property	Property Owner		

The objective of this telephone interview is to obtain information indicating recognized environmental conditions in connection with the property.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? **No**

If yes, describe.

1. Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? **No**

If yes, describe.

2. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30):

a. Do you know the past uses of the property?

Yes

If yes, what were they?

an open field

b. Do you know of specific chemicals that are present or once were present at the property?

No

c. Do you know of spills or other chemical releases that have taken place at the property?

No

d. Do you know of any environmental cleanups that have taken place at the property?

No

3. When was the property acquired by the current owner?

in 2001

4. What year was the communications tower constructed?

not yet constructed

Other pertinent information



Lotis Environmental, LLC
8899 Main Street, Suite 107
Williamsville, New York 14221

**LOCAL FIRE DEPARTMENT
TELEPHONE INTERVIEW
FORM**

Lotis Interviewer	Doreen Perrello		Interview Date	1/31/2023	
Site ID	US-CA-7310				
Site Name	Diamond Springs				
Site Address	1550 Pleasant Valley Road	c	California	95667	
Fire Department or other Emergency Response Agency	El Dorado County Environmental Health				
Representative				Phone Number	(530) 621-5300

The objective of this telephone interview is to obtain information indicating recognized environmental conditions in connection with the property.

1. Are you aware of any environmental concerns at the target property?

☐

1. Has your department ever responded to an environmental emergency at the target property?

☐

Other pertinent information

Lotis called on 1/31/2023, 2/4/2023 and but did not receive a response.

Appendix **C**

Regulatory Information



DATABASE REPORT

Project Property: *Diamond Springs US-CA-7310
1550 Pleasant Valley Road
Placerville CA 95667*

Project No: *VBBTS_096 Diamond Springs US-CA-7310*

Report Type: *Database Report*

Order No: *23010400317*

Requested by: *Lotis Environmental*

Date Completed: *January 5, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property: *Diamond Springs US-CA-7310
1550 Pleasant Valley Road Placerville CA 95667*

Project No: *VBBS_096 Diamond Springs US-CA-7310*

Coordinates:

Latitude:	<i>38.682694</i>
Longitude:	<i>-120.776414</i>
UTM Northing:	<i>4,283,912.10</i>
UTM Easting:	<i>693,411.96</i>
UTM Zone:	<i>UTM Zone 10S</i>

Elevation: *2,070 FT*

Order Information:

Order No: *23010400317*

Date Requested: *January 4, 2023*

Requested by: *Lotis Environmental*

Report Type: *Database Report*

Historicals/Products:

Aerial Photographs	<i>Historical Aerials (with Project Boundaries)</i>
ERIS Xplorer	<i>ERIS Xplorer</i>
Excel Add-On	<i>Excel Add-On</i>
Fire Insurance Maps	<i>US Fire Insurance Maps</i>
Physical Setting Report (PSR)	<i>Physical Setting Report (PSR)</i>
Product Summary	<i>Product Summary for Aerials, FIMs & Topos</i>

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

**CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	0	0
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	1	0	0	-	1
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	1	0	-	-	1
UST SWEEPS	Y	0.25	0	1	1	-	-	2
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
CERS TANK	Y	0.25	0	0	0	-	-	0
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	1	0	-	-	1

**CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								
CUPA ELDORADO	Y	0.25	0	0	0	-	-	0
<u>Additional Environmental Records</u>								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0

**CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	18	18
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HAZ GEN	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0

**CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	0	-	-	-	0
DELISTED HAZ	Y	0.5	0	0	0	0	-	0
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	0	-	-	0
CDL	Y	0.125	0	0	-	-	-	0

Tribal *No Tribal additional environmental record sources available for this State.*

County

Total:	0	4	1	0	18	23
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* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	HHSS	DEPOLO STOCK FARM	1589 PLEASANT VALLEY RD PLACERVILLE CA 95667	ENE	0.03 / 139.92	6	20
1	HIST TANK	DEPOLO STOCK FARM	1589 PLEASANT VALLEY RD PLACERVILLE CA	ENE	0.03 / 139.92	6	20
2	LUST	SIERRA TRADING POST	1641 PLEASANT VALLEY RD PLACERVILLE CA 95667	SE	0.11 / 591.20	11	20
Global ID Status Date Status: T0601700048 3/19/1996 COMPLETED - CASE CLOSED							
2	UST SWEEPS	SIERRA TRADING POST	1641 PLEASANT VALLEY RD PLACERVILLE CA	SE	0.11 / 591.20	11	22
C C Status: 109-000-368 INACTIVE Tank ID: 000001, 000002							
3	UST SWEEPS	DEPOLO STOCK FARM	1589 PLEASANT VALLEY RD PLACERVILLE CA	NNW	0.20 / 1,039.37	6	23
C C Status: A09-000-15541 ACTIVE Tank ID: 000001							
4	MRDS	SALISBURY	EL DORADO COUNTY PLACERVILLE CA 95667	SE	0.52 / 2,727.77	122	23
Dep ID: 10211656							
5	MRDS	HENRY PACE	EL DORADO COUNTY DIAMOND SPRINGS CA 95619	WNW	0.56 / 2,982.30	-63	24
Dep ID: 10183427							
6	MRDS	SALISBURY	EL DORADO COUNTY PLACERVILLE CA 95667	SE	0.62 / 3,275.42	91	24
Dep ID: 10007084							
7	MRDS	JEROME AND GUISEPPI TUNZI CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667	ENE	0.63 / 3,315.18	-52	25
Dep ID: 10211616							
8	MRDS	ADAM COLWELL CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667	SE	0.69 / 3,616.98	99	25
Dep ID: 10030243							
8	MRDS	SALISBURY	EL DORADO COUNTY PLACERVILLE CA 95667	SE	0.69 / 3,616.98	99	25
Dep ID: 10030242							
9	MRDS	SELBY	EL DORADO COUNTY DIAMOND SPRINGS CA 95619	WNW	0.69 / 3,669.57	-180	26
Dep ID: 10139406							

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<u>10</u>	MRDS	HENRY PASS	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030228</i>	NW	0.71 / 3,726.50	-175	<u>26</u>
<u>10</u>	MRDS	SELBY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030229</i>	NW	0.71 / 3,726.50	-175	<u>27</u>
<u>11</u>	MRDS	THOMAS FRASER CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030226</i>	NE	0.71 / 3,733.02	19	<u>27</u>
<u>11</u>	MRDS	JEROME AND GUISEPPI TUNZI CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030227</i>	NE	0.71 / 3,733.02	19	<u>27</u>
<u>12</u>	MRDS	THOMAS FRASER CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10236400</i>	ENE	0.83 / 4,369.34	51	<u>28</u>
<u>13</u>	MRDS	RINEGOLD AND KEYSTONE	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10030216</i>	NW	0.83 / 4,408.17	-224	<u>28</u>
<u>13</u>	MRDS	MARGUERITE	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10030215</i>	NW	0.83 / 4,408.17	-224	<u>29</u>
<u>14</u>	MRDS	SELBY	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10007075</i>	WNW	0.90 / 4,730.71	-243	<u>29</u>
<u>15</u>	MRDS	LORDS CONSOLIDATED	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10236664</i>	ESE	0.92 / 4,873.31	132	<u>30</u>
<u>16</u>	MRDS	LORDS CONS.	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10007086</i>	ESE	0.94 / 4,984.07	126	<u>30</u>
<u>17</u>	MRDS	BOLLEY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10212299</i>	ESE	0.99 / 5,219.22	158	<u>31</u>

Executive Summary: Summary by Data Source

Standard

State

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 16, 2022 has found that there are 1 LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SIERRA TRADING POST	1641 PLEASANT VALLEY RD PLACERVILLE CA 95667	SE	0.11 / 591.20	2
<i>Global ID / Status Date / Status: T0601700048 / 3/19/1996 / COMPLETED - CASE CLOSED</i>				

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 1 HHSS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DEPOLO STOCK FARM	1589 PLEASANT VALLEY RD PLACERVILLE CA 95667	ENE	0.03 / 139.92	1

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 2 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SIERRA TRADING POST	1641 PLEASANT VALLEY RD PLACERVILLE CA	SE	0.11 / 591.20	2
<i>C C / Status: 109-000-368 / INACTIVE Tank ID: 000001, 000002</i>				
DEPOLO STOCK FARM	1589 PLEASANT VALLEY RD PLACERVILLE CA	NNW	0.20 / 1,039.37	3
<i>C C / Status: A09-000-15541 / ACTIVE Tank ID: 000001</i>				

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 1 HIST TANK site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DEPOLO STOCK FARM	1589 PLEASANT VALLEY RD PLACERVILLE CA	ENE	0.03 / 139.92	1

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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Non Standard

Federal

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 18 MRDS site(s) within approximately 1.00 miles of the project property.

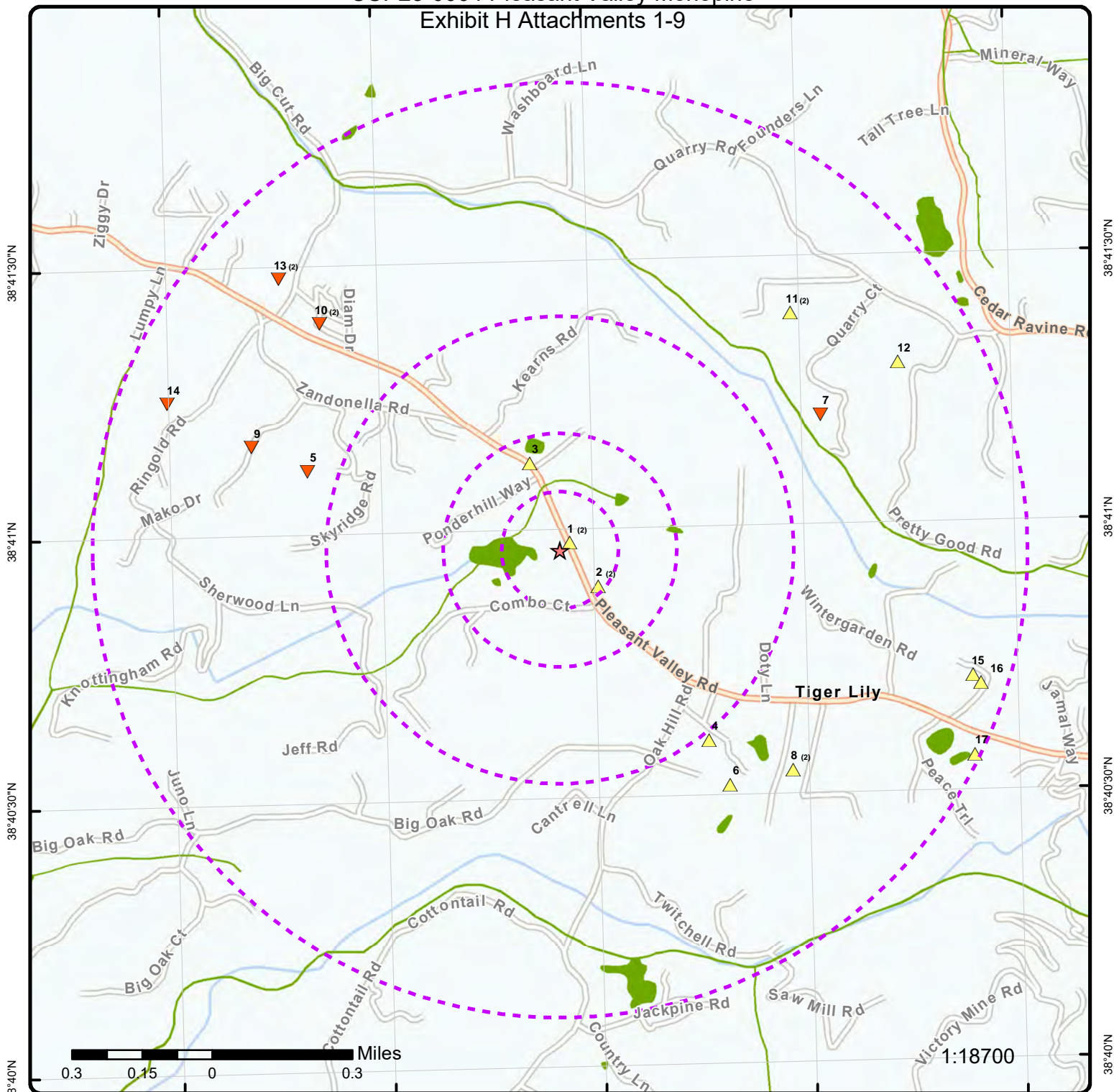
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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SALISBURY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10211656</i>	SE	0.52 / 2,727.77	<u>4</u>
SALISBURY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10007084</i>	SE	0.62 / 3,275.42	<u>6</u>
ADAM COLWELL CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030243</i>	SE	0.69 / 3,616.98	<u>8</u>
SALISBURY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030242</i>	SE	0.69 / 3,616.98	<u>8</u>
THOMAS FRASER CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030226</i>	NE	0.71 / 3,733.02	<u>11</u>
JEROME AND GUISEPPI TUNZI CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030227</i>	NE	0.71 / 3,733.02	<u>11</u>
THOMAS FRASER CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10236400</i>	ENE	0.83 / 4,369.34	<u>12</u>
LORDS CONSOLIDATED	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10236664</i>	ESE	0.92 / 4,873.31	<u>15</u>
LORDS CONS.	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10007086</i>	ESE	0.94 / 4,984.07	<u>16</u>
BOLLEY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10212299</i>	ESE	0.99 / 5,219.22	<u>17</u>

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HENRY PACE	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10183427</i>	WNW	0.56 / 2,982.30	<u>5</u>
JEROME AND GUISEPPI TUNZI CLAIM	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10211616</i>	ENE	0.63 / 3,315.18	<u>7</u>
SELBY	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10139406</i>	WNW	0.69 / 3,669.57	<u>9</u>
HENRY PASS	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030228</i>	NW	0.71 / 3,726.50	<u>10</u>
SELBY	EL DORADO COUNTY PLACERVILLE CA 95667 <i>Dep ID: 10030229</i>	NW	0.71 / 3,726.50	<u>10</u>
RINEGOLD AND KEYSTONE	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10030216</i>	NW	0.83 / 4,408.17	<u>13</u>
MARGUERITE	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10030215</i>	NW	0.83 / 4,408.17	<u>13</u>
SELBY	EL DORADO COUNTY DIAMOND SPRINGS CA 95619 <i>Dep ID: 10007075</i>	WNW	0.90 / 4,730.71	<u>14</u>

Exhibit H Attachments 1-9



Map: 1.0 Mile Radius

Order Number: 23010400317

Address: 1550 Pleasant Valley Road, Placerville, CA



★ Project Property Buffer Outline

▲ Sites with Higher Elevation

■ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

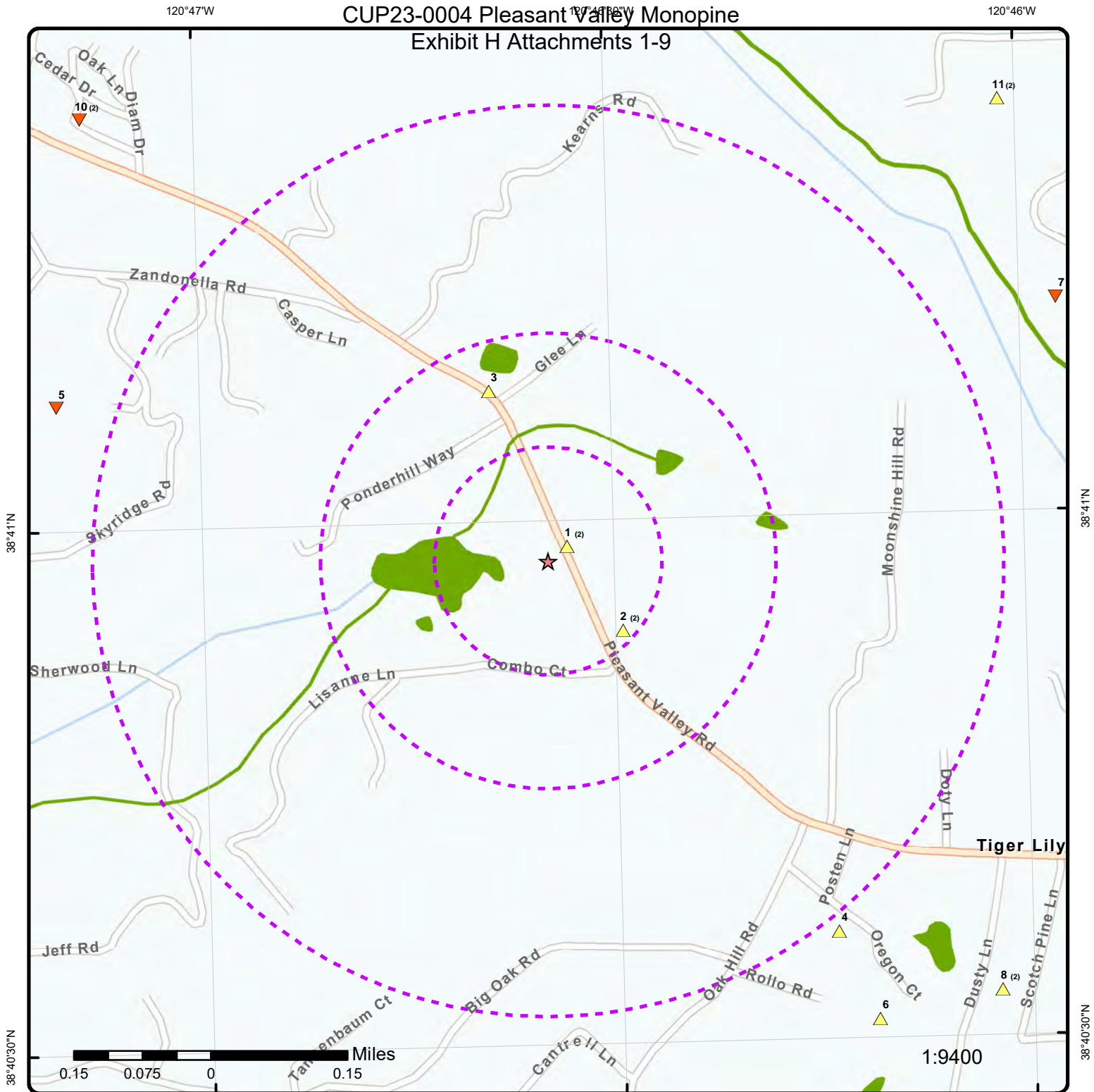
Plume

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.5 Mile Radius

Order Number: 23010400317

Address: 1550 Pleasant Valley Road, Placerville, CA



★ Project Property Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

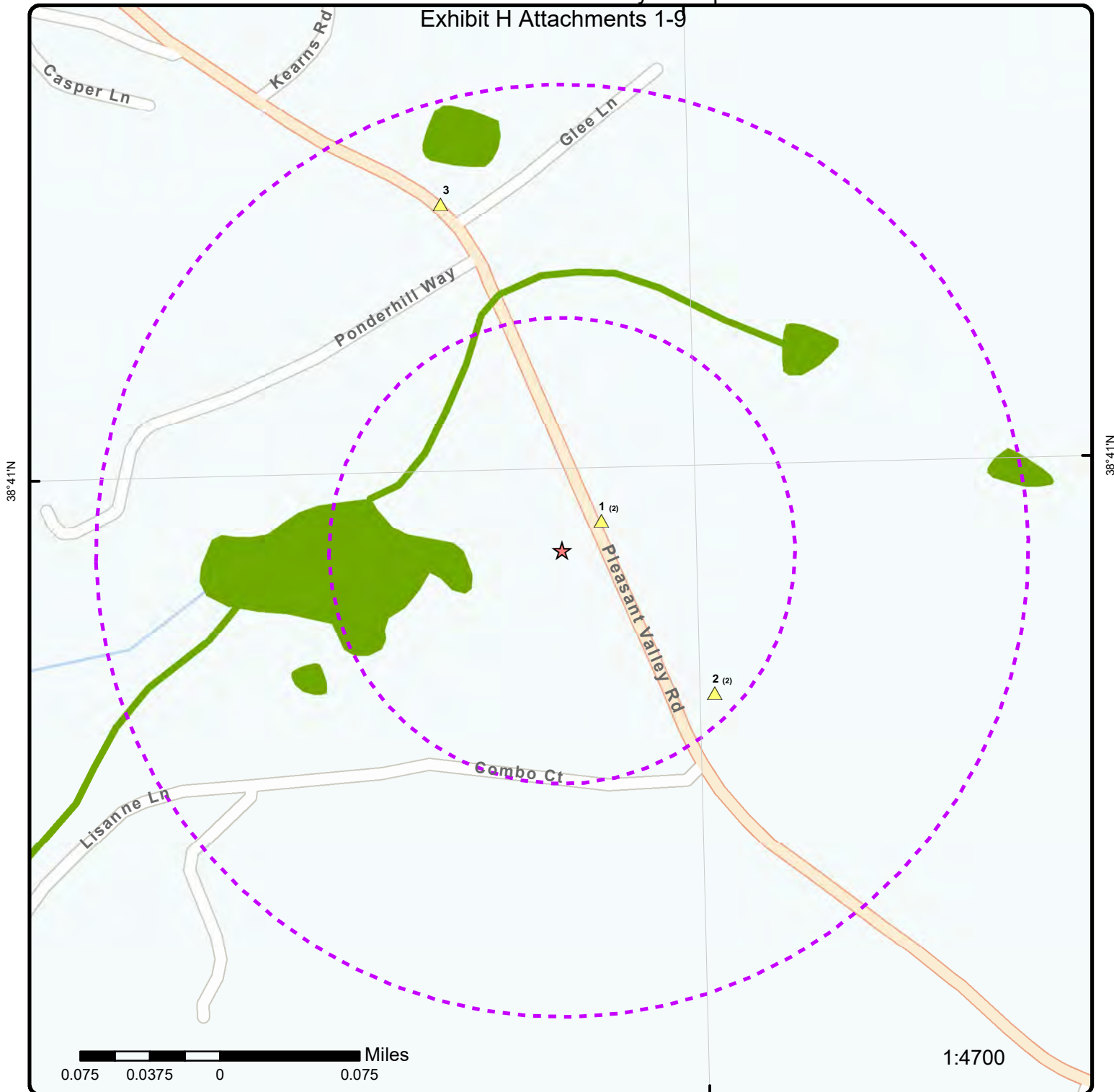
Plume

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

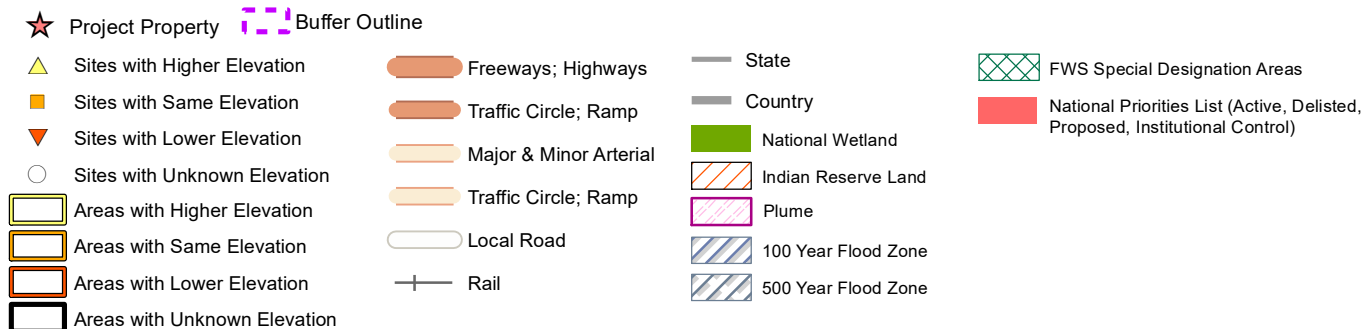
National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 23010400317

Address: 1550 Pleasant Valley Road, Placerville, CA





Aerial Year: 2021

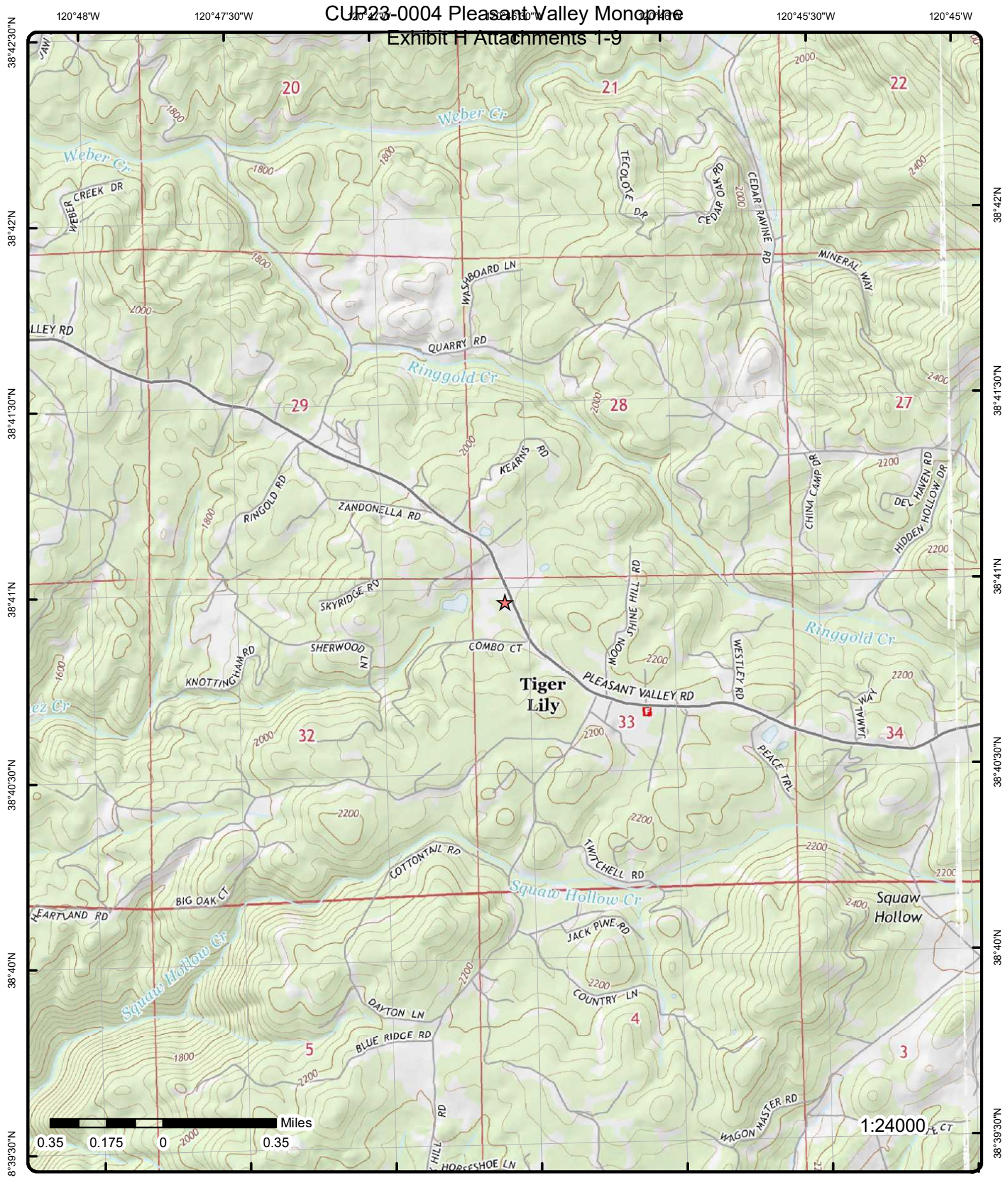
Address: 1550 Pleasant Valley Road, Placerville, CA

Source: ESRI World Imagery

Order Number: 23010400317



23-0518 Information Inc.



Topographic Map

Year: 2015

Order Number: 23010400317

Address: 1550 Pleasant Valley Road, CA

Quadrangle(s): Placerville, CA; Camino, CA

Source: USGS Topographic Map



23-010400317-01
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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	ENE	0.03 / 139.92	2,076.34 / 6	DEPOLO STOCK FARM 1589 PLEASANT VALLEY RD PLACERVILLE CA 95667	HHSS
County:		El Dorado				
Tank Details Microfiche:		http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002363e.pdf				

1	2 of 2	ENE	0.03 / 139.92	2,076.34 / 6	DEPOLO STOCK FARM 1589 PLEASANT VALLEY RD PLACERVILLE CA	HIST TANK
Owner Name:		TED DEPOLO		No of Containers:		1
Owner Street:		1589 PLEASANT VALLEY RD		County:		EL DORADO
Owner City:		PLACERVILLE		Facility State:		CA
Owner State:		CA		Facility Zip:		95667
Owner Zip:		95667				

2	1 of 2	SE	0.11 / 591.20	2,081.62 / 11	SIERRA TRADING POST 1641 PLEASANT VALLEY RD PLACERVILLE CA 95667	LUST
Global ID:		T0601700048		Census Tract:		6017031502
Status Date:		3/19/1996		Match Key:		T0601700048
Case Type:		LUST CLEANUP SITE		County:		EL DORADO
Oil Field:				Latitude:		38.681165
Oil Field Operator:				Longitude:		-120.774465
Status:		COMPLETED - CASE CLOSED				

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	EL DORADO COUNTY
Case Worker:	
Local Agency:	
RB Case No:	090066
Local Case No:	
File Location:	
Potential COC:	Gasoline
Potential Media of Concern:	Soil
Begin Date:	5/20/1992
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Middle Sierra - Cosumnes - North Fork Cosumnes (532.23)
DWR GW Subbasin Name:	
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	Unknown
Discharge Source:	Other
EPA Region:	9
Leak Reported Dt:	1992-05-26 00:00:00
Military DoD Site:	No

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
No Further Action Dt:		1996-03-19 00:00:00				
Qty Rlsd Gallons:						
Facility Project Sub Type:						
Calenviroscreen 3 Score:		46-50%				
Calenviroscreen 4 Score:		20-25%				
Site History:						

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	Other
Date :	5/20/1992
Action:	Leak Discovery
Action Type:	ENFORCEMENT
Date :	6/26/1992
Action:	Referral to Local Agency
Action Type:	Other
Date :	5/26/1992
Action:	Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	5/20/1992
Status:	Completed - Case Closed
Status Date:	3/19/1996
Status:	Open - Site Assessment
Status Date:	5/20/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	SIERRA TRADING POST
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	1641 PLEASANT VALLEY RD
City:	PLACERVILLE
Zip:	95667
County:	EL DORADO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0601700048
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 3/19/1996
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0601700048&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	SOIL
File Location:	
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC - Note: R5 BP- all gw same except Royal Mtn MUN dedesig.
DWR GW Sub Basin:	
Calwater Watershed Name:	Middle Sierra - Cosumnes - North Fork Cosumnes (532.23)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	EL DORADO COUNTY (LEAD) CENTRAL VALLEY RWQCB (REGION 5S) - CASE #: 090066
CUF Claim:	
CUF Priority Assig:	
CUF Amount Paid:	
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gndwater Monitoring Freque:
Designated Beneficial Use
Desc:
Site History:

Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply - Note:
R5 BP- all gw same except Royal Mtn Municipal and Domestic Supply dedesign.

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 5/20/1992

Status: Open - Site Assessment
Date : 5/20/1992

Status: Completed - Case Closed
Date : 3/19/1996

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Referral to Other Agency
Action: Referral to Local Agency
Action Date: 6/26/1992
Received Issue Date: 6/26/1992
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 5/26/1992
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 5/20/1992
Received Issue Date:
Doc Link:
Title Description Comments:

<u>2</u>	2 of 2	SE	0.11 / 591.20	2,081.62 / 11	SIERRA TRADING POST 1641 PLEASANT VALLEY RD PLACERVILLE CA	UST SWEEPS
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C C: 109-000-368
BOE:
Comp: 368
Status: INACTIVE
No of Tanks: 2
Jurisdic: EL DORADO COUNTY
Agency: ENVIRONMENTAL HEALTH - U.S.T.
Phone: (916) 622-3358

D Filename: NSITE7
Page No: 293
County: EL DORADO
State : CA
Zip: 95667
Latitude: 38.69358
Longitude: -120.819071
Georesult: S5HPNTSCZA

Tank Details

Tank ID: 000001
O Tank ID:
SWRCB No: 09-000-000368-000001
Removed: 05-20-92
Installed: 01-01-01

S Contain: NONE
Stg:
Storage : PRODUCT
Storag Type: PRODUCT
P Contain: BARE STEEL

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<div><div><div><div>A Date:</div><div>Capac:</div><div>Tank Use:</div></div><div><div>1000</div><div>M.V. FUEL</div></div></div><div><div><div>Content:</div><div>ONA:</div><div>D File Name:</div></div><div><div>LEADED</div><div>NTANK7</div></div></div></div>						
<div><div><div><div>Tank ID:</div><div>O Tank ID:</div><div>SWRCB No:</div><div>Removed:</div><div>Installed:</div><div>A Date:</div><div>Capac:</div><div>Tank Use:</div></div><div><div>000002</div><div>09-000-000368-000002</div><div>05-20-92</div><div>01-01-01</div><div>1000</div><div>M.V. FUEL</div></div></div><div><div><div>S Contain:</div><div>Stg:</div><div>Storage :</div><div>Storag Type:</div><div>P Contain:</div><div>Content:</div><div>ONA:</div><div>D File Name:</div></div><div><div>NONE</div><div>PRODUCT</div><div>PRODUCT</div><div>BARE STEEL</div><div>REG UNLEADED</div><div>NTANK7</div></div></div></div>						
3	1 of 1	NNW	0.20 / 1,039.37	2,076.03 / 6	DEPOLO STOCK FARM 1589 PLEASANT VALLEY RD PLACERVILLE CA	UST SWEEPS
<div><div><div><div>C C:</div><div>BOE:</div><div>Comp:</div><div>Status:</div><div>No of Tanks:</div><div>Jurisdic</div><div>Agency:</div><div>Phone:</div></div><div><div>A09-000-15541</div><div>15541</div><div>ACTIVE</div><div>1</div><div>EL DORADO COUNTY</div><div>ENVIRONMENTAL HEALTH - U.S.T.</div></div></div><div><div><div>D Filename:</div><div>Page No:</div><div>County:</div><div>State :</div><div>Zip:</div><div>Latitude:</div><div>Longitude:</div><div>Georesult:</div></div><div><div>SITE07A</div><div>30</div><div>EL DORADO</div><div>CA</div><div>95667</div><div>38.693485</div><div>-120.82089</div><div>S5HPNTSCZA</div></div></div></div>						
<div><div><div><div>Tank ID:</div><div>O Tank ID:</div><div>SWRCB No:</div><div>Removed:</div><div>Installed:</div><div>A Date:</div><div>Capac:</div><div>Tank Use:</div></div><div><div>000001</div><div>1</div><div>09-000-015541-000001</div><div>07-01-85</div><div>550</div><div>M.V. FUEL</div></div></div><div><div><div>S Contain:</div><div>Stg:</div><div>Storage :</div><div>Storag Type:</div><div>P Contain:</div><div>Content:</div><div>ONA:</div><div>D File Name:</div></div><div><div>P</div><div>PRODUCT</div><div>LEADED</div><div>TANK7A</div></div></div></div>						
4	1 of 1	SE	0.52 / 2,727.77	2,192.53 / 122	SALISBURY EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
<div><div><div><div>Dep ID:</div><div>Dev Status:</div><div>Code List:</div><div>Uri:</div></div><div><div>10211656</div><div>UNKNOWN</div><div>AU</div><div>http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10211656</div></div></div><div><div><div>I1:</div><div>Latitude:</div><div>Longitude:</div></div><div><div>48</div><div>38.676697</div><div>-120.770691</div></div></div></div>						
<div><div><div><div>Commodity</div><div>I1:</div><div>Code:</div><div>Commodity:</div><div>Commodity Type:</div><div>Commodity Group:</div><div>Importance:</div></div><div><div>24</div><div>AU</div><div>Gold</div><div>Metallic</div><div>Gold</div><div>Primary</div></div></div><div><div><div>Line:</div><div>Inserted By:</div><div>Insert Date:</div><div>Updated By:</div><div>Update Date:</div></div><div><div>1</div><div>MAS migration</div><div>29-OCT-2002 09:00:24</div><div>USGS</div><div>29-OCT-2002 09:01:56</div></div></div></div>						
<div><div><div><div>Names</div><div>I1:</div><div>Status:</div><div>Site Name:</div><div>Line:</div></div><div><div>33</div><div>Current</div><div>Salisbury</div><div>1</div></div></div><div><div><div>Inserted By:</div><div>Insert Date:</div><div>Updated By:</div><div>Update Date:</div></div><div><div>MAS migration</div><div>29-OCT-02</div><div>USGS</div><div>29-OCT-02</div></div></div></div>						

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 1	WNW	0.56 / 2,982.30	2,007.48 / -63	HENRY PACE EL DORADO COUNTY DIAMOND SPRINGS CA 95619	MRDS
Dep ID: 10183427 I1: 11						
Dev Status: UNKNOWN Latitude: 38.685303						
Code List: AU Longitude: -120.786316						
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10183427						
Commodity						
I1: 36 Line: 1						
Code: AU Inserted By: MAS migration						
Commodity: Gold Insert Date: 29-OCT-2002 09:00:24						
Commodity Type: Metallic Updated By: USGS						
Commodity Group: Gold Update Date: 29-OCT-2002 09:01:45						
Importance: Primary						
Names						
I1: 23 Inserted By: MAS migration						
Status: Current Insert Date: 29-OCT-02						
Site Name: Henry Pace Updated By: USGS						
Line: 1 Update Date: 29-OCT-02						
6	1 of 1	SE	0.62 / 3,275.42	2,161.61 / 91	SALISBURY EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
Dep ID: 10007084 I1: 15						
Dev Status: PAST PRODUCER Latitude: 38.675293						
Code List: AU Longitude: -120.769897						
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10007084						
Commodity						
I1: 27 Line: 1						
Code: AU Inserted By: MRDS migration						
Commodity: Gold Insert Date: 29-OCT-2002 09:00:24						
Commodity Type: Metallic Updated By: USGS						
Commodity Group: Gold Update Date: 29-OCT-2002 09:00:28						
Importance: Primary						
Materials						
I1: 59 Inserted B: MRDS migration						
Material: Gold Insert Dat: 29-OCT-2002 09:44:3						
Ore or Gangue: Ore Updated By:						
Rec: 2 Update Dat:						
I1: 59 Inserted B: MRDS migration						
Material: Quartz Insert Dat: 29-OCT-2002 09:44:3						
Ore or Gangue: Gangue Updated By:						
Rec: 1 Update Dat:						
Names						
I1: 27 Inserted By: MRDS migration						
Status: Current Insert Date: 29-OCT-02						
Site Name: Salisbury Updated By: USGS						

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Line:	1			Update Date:	29-OCT-02	
<hr/>						
7	1 of 1	ENE	0.63 / 3,315.18	2,018.49 / -52	JEROME AND GUISEPPI TUNZI CLAIM EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
Dep ID:	10211616			I1:	17	
Dev Status:	UNKNOWN			Latitude:	38.686707	
Code List:	AU			Longitude:	-120.765991	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10211616					
<hr/>						
<u>Commodity</u>						
I1:	24			Line:	1	
Code:	AU			Inserted By:	MAS migration	
Commodity:	Gold			Insert Date:	29-OCT-2002 09:00:24	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-2002 09:01:56	
Importance:	Primary					
<hr/>						
<u>Names</u>						
I1:	23			Inserted By:	MAS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Jerome and Guiseppi Tunzi Claim			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
<hr/>						
8	1 of 2	SE	0.69 / 3,616.98	2,169.12 / 99	ADAM COLWELL CLAIM EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
Dep ID:	10030243			I1:	91	
Dev Status:	OCCURRENCE			Latitude:	38.67572	
Code List:	AU			Longitude:	-120.767395	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030243					
<hr/>						
<u>Commodity</u>						
I1:	29			Line:	1	
Code:	AU			Inserted By:	MRDS migration	
Commodity:	Gold			Insert Date:	29-OCT-2002 09:00:24	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-2002 09:00:40	
Importance:	Primary					
<hr/>						
<u>Names</u>						
I1:	19			Inserted By:	MRDS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Adam Colwell Claim			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
<hr/>						
8	2 of 2	SE	0.69 / 3,616.98	2,169.12 / 99	SALISBURY EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
Dep ID:	10030242			I1:	58	
Dev Status:	OCCURRENCE			Latitude:	38.67572	
Code List:	AU			Longitude:	-120.767395	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030242					

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Commodity

I1:	18	Line:	1
Code:	AU	Inserted By:	MRDS migration
Commodity:	Gold	Insert Date:	29-OCT-2002 09:00:24
Commodity Type:	Metallic	Updated By:	USGS
Commodity Group:	Gold	Update Date:	29-OCT-2002 09:00:40
Importance:	Primary		

Names

I1:	19	Inserted By:	MRDS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Salisbury	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

<u>9</u>	1 of 1	WNW	0.69 / 3,669.57	1,890.65 / -180	SELBY EL DORADO COUNTY DIAMOND SPRINGS CA 95619	MRDS
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Dep ID:	10139406	I1:	66
Dev Status:	UNKNOWN	Latitude:	38.686096
Code List:	AU	Longitude:	-120.788513
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10139406		

Commodity

I1:	25	Line:	1
Code:	AU	Inserted By:	MAS migration
Commodity:	Gold	Insert Date:	29-OCT-2002 09:00:24
Commodity Type:	Metallic	Updated By:	USGS
Commodity Group:	Gold	Update Date:	29-OCT-2002 09:01:28
Importance:	Primary		

Names

I1:	23	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Selby	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

<u>10</u>	1 of 2	NW	0.71 / 3,726.50	1,895.16 / -175	HENRY PASS EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
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Dep ID:	10030228	I1:	24
Dev Status:	OCCURRENCE	Latitude:	38.68988
Code List:	AU	Longitude:	-120.785706
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030228		

Commodity

I1:	85	Line:	1
Code:	AU	Inserted By:	MRDS migration
Commodity:	Gold	Insert Date:	29-OCT-2002 09:00:24
Commodity Type:	Metallic	Updated By:	USGS
Commodity Group:	Gold	Update Date:	29-OCT-2002 09:00:40
Importance:	Primary		

Names

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<div> <div> I1: Status: Site Name: Line: </div> <div> 19 Current Henry Pass 1 </div> <div> Inserted By: Insert Date: Updated By: Update Date: </div> <div> MRDS migration 29-OCT-02 USGS 29-OCT-02 </div> </div>						
10	2 of 2	NW	0.71 / 3,726.50	1,895.16 / -175	SELBY EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
<div> <div> Dep ID: Dev Status: Code List: Url: </div> <div> 10030229 OCCURRENCE AU http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030229 </div> <div> I1: Latitude: Longitude: </div> <div> 23 38.68988 -120.785706 </div> </div>						
Commodity						
<div> <div> I1: Code: Commodity: Commodity Type: Commodity Group: Importance: </div> <div> 86 AU Gold Metallic Gold Primary </div> <div> Line: Inserted By: Insert Date: Updated By: Update Date: </div> <div> 1 MRDS migration 29-OCT-2002 09:00:24 USGS 29-OCT-2002 09:00:40 </div> </div>						
Names						
<div> <div> I1: Status: Site Name: Line: </div> <div> 19 Current Selby 1 </div> <div> Inserted By: Insert Date: Updated By: Update Date: </div> <div> MRDS migration 29-OCT-02 USGS 29-OCT-02 </div> </div>						
11	1 of 2	NE	0.71 / 3,733.02	2,089.72 / 19	THOMAS FRASER CLAIM EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
<div> <div> Dep ID: Dev Status: Code List: Url: </div> <div> 10030226 OCCURRENCE AU http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030226 </div> <div> I1: Latitude: Longitude: </div> <div> 30 38.68988 -120.76709 </div> </div>						
Commodity						
<div> <div> I1: Code: Commodity: Commodity Type: Commodity Group: Importance: </div> <div> 36 AU Gold Metallic Gold Primary </div> <div> Line: Inserted By: Insert Date: Updated By: Update Date: </div> <div> 1 MRDS migration 29-OCT-2002 09:00:24 USGS 29-OCT-2002 09:00:40 </div> </div>						
Names						
<div> <div> I1: Status: Site Name: Line: </div> <div> 19 Current Thomas Fraser Claim 1 </div> <div> Inserted By: Insert Date: Updated By: Update Date: </div> <div> MRDS migration 29-OCT-02 USGS 29-OCT-02 </div> </div>						
11	2 of 2	NE	0.71 / 3,733.02	2,089.72 / 19	JEROME AND GUISEPPI TUNZI CLAIM EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
<div> <div> Dep ID: </div> <div> 10030227 </div> <div> I1: </div> <div> 49 </div> </div>						

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Dev Status:	OCCURRENCE			Latitude:	38.68988	
Code List:	AU			Longitude:	-120.76709	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030227					
<hr/>						
<u>Commodity</u>						
I1:	86			Line:	1	
Code:	AU			Inserted By:	MRDS migration	
Commodity:	Gold			Insert Date:	29-OCT-2002 09:00:24	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-2002 09:00:40	
Importance:	Primary					
<hr/>						
<u>Names</u>						
I1:	19			Inserted By:	MRDS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Jerome and Guiseppi Tunzi Claim			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
<hr/>						
12	1 of 1	ENE	0.83 / 4,369.34	2,121.44 / 51	THOMAS FRASER CLAIM EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
<hr/>						
Dep ID:	10236400			I1:	26	
Dev Status:	UNKNOWN			Latitude:	38.688293	
Code List:	AU			Longitude:	-120.762878	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10236400					
<hr/>						
<u>Commodity</u>						
I1:	24			Line:	1	
Code:	AU			Inserted By:	MAS migration	
Commodity:	Gold			Insert Date:	29-OCT-2002 09:00:24	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-2002 09:02:07	
Importance:	Primary					
<hr/>						
<u>Names</u>						
I1:	23			Inserted By:	MAS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Thomas Fraser Claim			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
<hr/>						
13	1 of 2	NW	0.83 / 4,408.17	1,845.99 / -224	RINEGOLD AND KEYSTONE EL DORADO COUNTY DIAMOND SPRINGS CA 95619	MRDS
<hr/>						
Dep ID:	10030216			I1:	15	
Dev Status:	OCCURRENCE			Latitude:	38.691284	
Code List:	AU			Longitude:	-120.787292	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030216					
<hr/>						
<u>Commodity</u>						
I1:	39			Line:	1	
Code:	AU			Inserted By:	MRDS migration	
Commodity:	Gold			Insert Date:	29-OCT-02	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-02	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Importance:		Primary				
<u>Names</u>						
I1:	18			Inserted By:	MRDS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Rinegold and Keystone			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
13	2 of 2	NW	0.83 / 4,408.17	1,845.99 / -224	MARGUERITE EL DORADO COUNTY DIAMOND SPRINGS CA 95619	MRDS
Dep ID:	10030215			I1:	28	
Dev Status:	OCCURRENCE			Latitude:	38.691284	
Code List:	AU			Longitude:	-120.787292	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10030215					
<u>Commodity</u>						
I1:	41			Line:	1	
Code:	AU			Inserted By:	MRDS migration	
Commodity:	Gold			Insert Date:	29-OCT-02	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-02	
Importance:	Primary					
<u>Names</u>						
I1:	82			Inserted By:	MRDS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Marguerite			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
14	1 of 1	WNW	0.90 / 4,730.71	1,827.05 / -243	SELBY EL DORADO COUNTY DIAMOND SPRINGS CA 95619	MRDS
Dep ID:	10007075			I1:	13	
Dev Status:	PAST PRODUCER			Latitude:	38.6875	
Code List:	AU			Longitude:	-120.791809	
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10007075					
<u>Commodity</u>						
I1:	27			Line:	1	
Code:	AU			Inserted By:	MRDS migration	
Commodity:	Gold			Insert Date:	29-OCT-2002 09:00:24	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-2002 09:00:28	
Importance:	Primary					
<u>Materials</u>						
I1:	59			Inserted B:	MRDS migration	
Material:	Gold			Insert Dat:	29-OCT-2002 09:44:3	
Ore or Gangue:	Ore			Updated By:		
Rec:	2			Update Dat:		
I1:	23			Inserted B:	MRDS migration	
Material:	Quartz			Insert Dat:	29-OCT-2002 09:44:3	

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Ore or Gangue: Rec:	Gangue 1				Updated By: Update Dat:	
<hr/>						
<u>Names</u>						
I1: Status: Site Name: Line:	27 Current Selby 1				Inserted By: Insert Date: Updated By: Update Date:	MRDS migration 29-OCT-02 USGS 29-OCT-02
<hr/>						
15	1 of 1	ESE	0.92 / 4,873.31	2,202.31 / 132	LORDS CONSOLIDATED EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
Dep ID: Dev Status: Code List: Url:	10236664 OCCURRENCE AU http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10236664			I1: Latitude: Longitude:	20 38.678528 -120.760193	
<hr/>						
<u>Commodity</u>						
I1: Code: Commodity: Commodity Type: Commodity Group: Importance:	25 AU Gold Metallic Gold Primary			Line: Inserted By: Insert Date: Updated By: Update Date:	1 MAS migration 29-OCT-2002 09:00:24 USGS 29-OCT-2002 09:02:07	
<hr/>						
<u>Names</u>						
I1: Status: Site Name: Line:	33 Current Lords Consolidated 1				Inserted By: Insert Date: Updated By: Update Date:	MAS migration 29-OCT-02 USGS 29-OCT-02
<hr/>						
16	1 of 1	ESE	0.94 / 4,984.07	2,196.15 / 126	LORDS CONS. EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
Dep ID: Dev Status: Code List: Url:	10007086 PAST PRODUCER AU http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10007086			I1: Latitude: Longitude:	24 38.678284 -120.759888	
<hr/>						
<u>Commodity</u>						
I1: Code: Commodity: Commodity Type: Commodity Group: Importance:	27 AU Gold Metallic Gold Primary			Line: Inserted By: Insert Date: Updated By: Update Date:	1 MRDS migration 29-OCT-2002 09:00:24 USGS 29-OCT-2002 09:00:28	
<hr/>						
<u>Materials</u>						
I1: Material: Ore or Gangue: Rec:	24 Quartz Gangue 1				Inserted B: Insert Dat: Updated By: Update Dat:	MRDS migration 29-OCT-2002 09:44:3
I1:	66				Inserted B:	MRDS migration

CUP23-0004 Pleasant Valley Monopine
Exhibit H Attachments 1-9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Material:	Gold			Insert Dat:	29-OCT-2002 09:44:3	
Ore or Gangue:	Ore			Updated By:		
Rec:	2			Update Dat:		
 <u>Names</u>						
I1:	27			Inserted By:	MRDS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Lords Cons.			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	
<hr/>						
17	1 of 1	ESE	0.99 / 5,219.22	2,228.39 / 158	BOLLEY EL DORADO COUNTY PLACERVILLE CA 95667	MRDS
 Dep ID: 10212299						
Dev Status: OCCURRENCE						
Code List: AU						
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10212299						
 <u>Commodity</u>						
I1:	42			Line:	1	
Code:	AU			Inserted By:	MAS migration	
Commodity:	Gold			Insert Date:	29-OCT-02	
Commodity Type:	Metallic			Updated By:	USGS	
Commodity Group:	Gold			Update Date:	29-OCT-02	
Importance:	Primary					
 <u>Names</u>						
I1:	33			Inserted By:	MAS migration	
Status:	Current			Insert Date:	29-OCT-02	
Site Name:	Bolley			Updated By:	USGS	
Line:	1			Update Date:	29-OCT-02	

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CUPA ELDORADO	EID- RESERVOIR #8	. PLEASANT VALLEY RD	PLACERVILLE CA	95667	858441474

Unplottable Report

Site: **EID- RESERVOIR #8**
. PLEASANT VALLEY RD PLACERVILLE CA 95667

CUPA ELDORADO

Permit:	PT0002096	RP Name:	
CERS ID:		RP Care of:	
APN:	09807035	RP Phone:	0000000000
Next Inspection Dt:		Business Type:	MOTOR VEHICLE FUEL
Prior Inspection Dt:		Billing Status:	Inactive, non-billable
Owner Name:	EL DORADO IRRIGATION DISTRICT	GIS Latitude:	
Email:		GIS Longitude:	
Phone:	9166224513	GIS Elevation:	
Second Phone:	0000000000		
Program:	BUSINESS PLANS/SMALL BUSINESS - ANNUAL PERMIT		

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

[NPL](#)

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

National Priority List - Proposed:

[PROPOSED NPL](#)

Sites proposed - by the EPA, the state agency, or concerned citizens - for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

Deleted NPL:

[DELETED NPL](#)

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

SEMS List 8R Active Site Inventory:

[SEMS](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Nov 23, 2022

Inventory of Open Dumps, June 1985:

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Nov 23, 2022

Comprehensive Environmental Response, Compensation and Liability Information System -

[CERCLIS](#)

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Sep 5, 2022

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Sep 5, 2022

RCRA Generator List:

[RCRA LQG](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Sep 5, 2022

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Sep 5, 2022

RCRA Very Small Quantity Generators List:

[RCRA VSQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Sep 5, 2022

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Sep 5, 2022

RCRA Sites with Controls:

[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Sep 5, 2022

Federal Engineering Controls-ECs:

[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 27, 2022

Federal Institutional Controls- ICs:

FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 27, 2022

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Jul 26, 2022

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

[FRP](#)

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans:

[DELISTED FRP](#)

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property:

[SEMS LIEN](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Nov 23, 2022

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Sep 28, 2022

State

State Response Sites:

[RESPONSE](#)

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Oct 17, 2022

EnviroStor Database:

[ENVIROSTOR](#)

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Oct 17, 2022

Delisted State Response Sites:

DELISTED ENVIS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Oct 17, 2022

Solid Waste Information System (SWIS):

SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Nov 7, 2022

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels:

SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database:

WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities:

HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Oct 17, 2022

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report:

SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers:

C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers:

RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

Listing of Certified Processors:

PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

Listing of Certified Dropoff, Collection, and Community Service Programs:

CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

Land Disposal Sites:

LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Nov 16, 2022

Leaking Underground Fuel Tank Reports:

LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Nov 16, 2022

Delisted Leaking Storage Tanks:

DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Nov 16, 2022

Permitted Underground Storage Tank (UST) in GeoTracker:

UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2022

Proposed Closure of Underground Storage Tank Cases:

UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

Historical Hazardous Substance Storage Information Database:

HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System:

UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks:

AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks:

AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks:

TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Oct 6, 2022

Delisted Storage Tanks:

DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Nov 15, 2022

California Environmental Reporting System (CERS) Tanks:

CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 7, 2022

Delisted California Environmental Reporting System (CERS) Tanks:

DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Oct 7, 2022

Historical Hazardous Substance Storage Container Information - Facility Summary:

HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in the 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions:

LUR

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Oct 17, 2022

CALSITES Database:

CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions:

HLUR

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions:

DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Nov 16, 2022

Voluntary Cleanup Program:

VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Oct 17, 2022

GeoTracker Cleanup Program Sites:

CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Nov 16, 2022

Delisted Cleanup Program Sites:

[DELISTED CLEANUP](#)

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Government Publication Date: Nov 16, 2022

Delisted County Records:

[DELISTED COUNTY](#)

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Dec 16, 2022

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

[INDIAN LUST](#)

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 8, 2022

Underground Storage Tanks (USTs) on Indian Lands:

[INDIAN UST](#)

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 8, 2022

Delisted Tribal Leaking Storage Tanks:

[DELISTED ILST](#)

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2022

Delisted Tribal Underground Storage Tanks:

[DELISTED IUST](#)

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2022

County

El Dorado County - CUPA Facility List:

[CUPA ELDORADO](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in El Dorado County. This list is made available by El Dorado County Department of Environmental Management - Hazardous Waste Division which is approved by CalEPA as CUPA for El Dorado County.

Government Publication Date: Oct 19, 2020

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills:

[ERNS PFAS](#)

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Nov 23, 2022

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

[ICIS](#)

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities:

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities:

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites:

[FUDS](#)

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

CUP23-0004 Pleasant Valley Monopine

Exhibit H Attachments 1-9

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Oct 10, 2022

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Sep 15, 2022

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jul 28, 2022

State

Dry Cleaning Facilities:

DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners:

[DELISTED DRYCLEANERS](#)

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Feb 28, 2020

Non-Toxic Dry Cleaning Incentive Program:

[DRYC GRANT](#)

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Feb 28, 2020

Per- and Polyfluoroalkyl Substances (PFAS):

[PFAS](#)

List of FAA Part 139 Airports, Selected Landfills, and Chrome Plating Facilities from California Water Boards PFAS Investigations, as well as sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Feb 15, 2022

PFOA/PFOS Groundwater:

[PFAS GW](#)

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Nov 11, 2022

Hazardous Waste and Substances Site List - Site Cleanup:

[HWSS CLEANUP](#)

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: May 20, 2021

Toxic Pit Cleanup Act Sites:

[TOXIC PITS](#)

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is no longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action:

[DTSC HWF](#)

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement:

[INSP COMP ENF](#)

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Apr 29, 2021

School Property Evaluation Program Sites:

[SCH](#)

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Oct 17, 2022

California Hazardous Material Incident Report System (CHMIRS):

[CHMIRS](#)

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 15, 2022

Historical California Hazardous Material Incident Report System (CHMIRS):

HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data:

HAZNET

A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data:

HAZ GEN

List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data:

HAZ TSD

List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data:

HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters:

HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

Government Publication Date: Dec 9, 2022

Registered Waste Tire Haulers:

WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

California Medical Waste Management Program Facility List:

MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Oct 31, 2022

Historical Cortese List:

HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders:

CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites:

CERS HAZ

CUP23-0004 Pleasant Valley Monopine

Exhibit H Attachments 1-9

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 7, 2022

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:

[DELISTED HAZ](#)

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker:

[GEOTRACKER](#)

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Nov 16, 2022

Mines Listing:

[MINE](#)

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Jun 23, 2022

Recorded Environmental Cleanup Liens:

[LIEN](#)

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Aug 3, 2022

Waste Discharge Requirements:

[WASTE DISCHG](#)

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Nov 16, 2022

Toxic Pollutant Emissions Facilities:

[EMISSIONS](#)

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites:

[CDL](#)

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/ clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



Property Information

Order Number:	23010400317p
Date Completed:	January 4, 2023
Project Number:	VBBTS_096 Diamond Springs US-CA-7310
Project Property:	Diamond Springs US-CA-7310 1550 Pleasant Valley Road Placerville CA 95667
Coordinates:	
Latitude:	38.682694
Longitude:	-120.776414
UTM Northing:	4283912.09688 Meters
UTM Easting:	693411.959735 Meters
UTM Zone:	UTM Zone 10S
Elevation:	2,070.40 ft
Slope Direction:	W

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Hydrologic Information.....	4
Geologic Information.....	7
Soil Information.....	9
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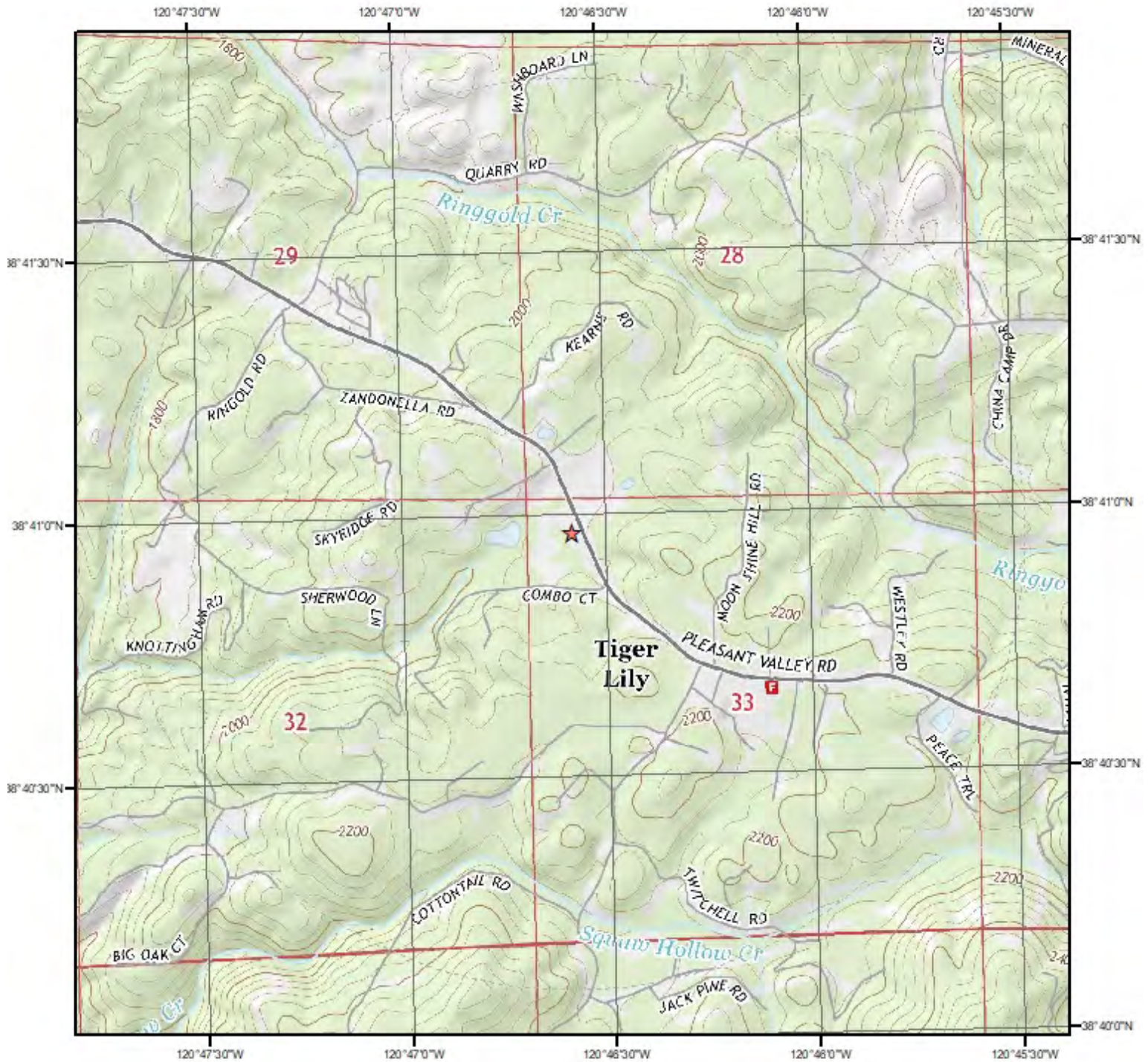
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2015)



Quadrangle(s): Placerville, CA

Source: USGS 7.5 Minute Topographic Map

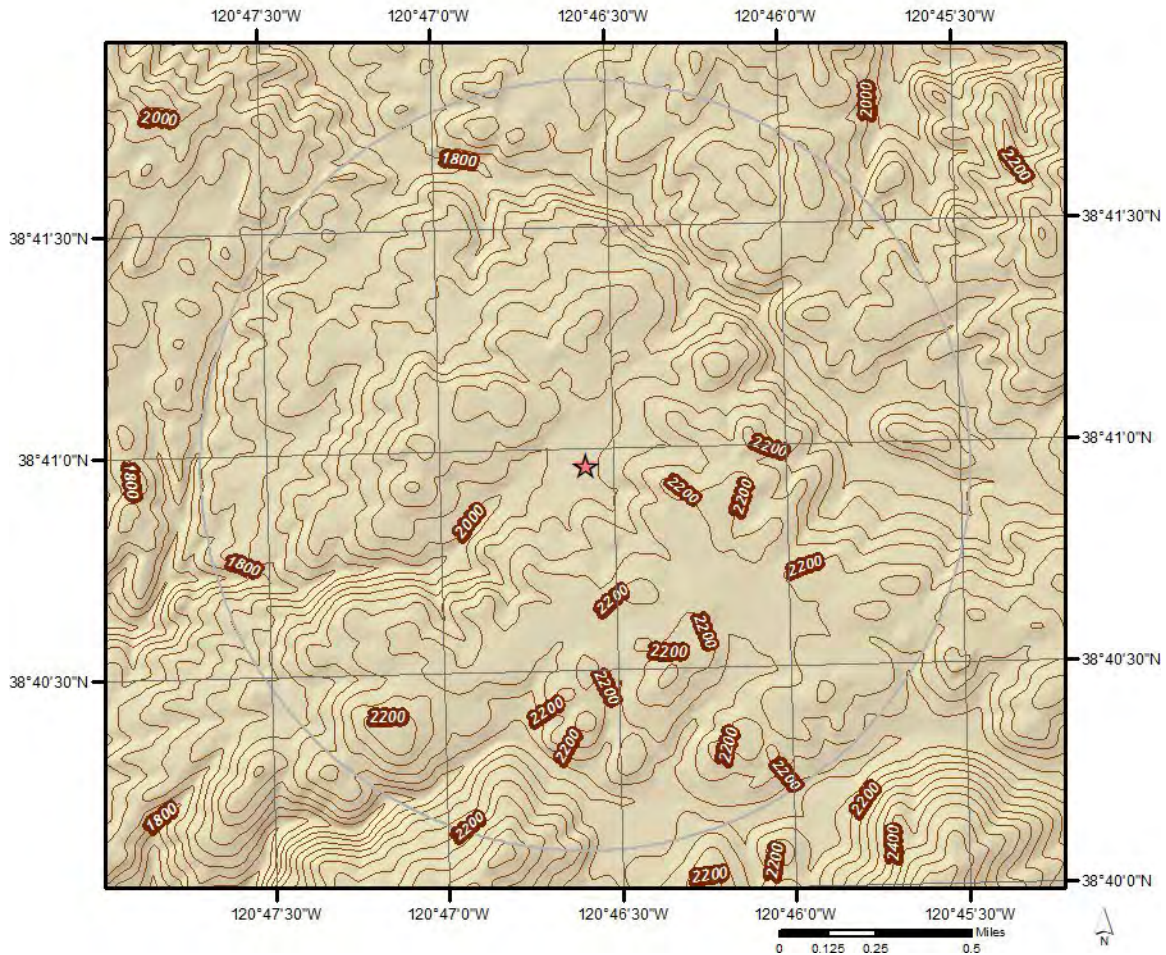


Topographic Information

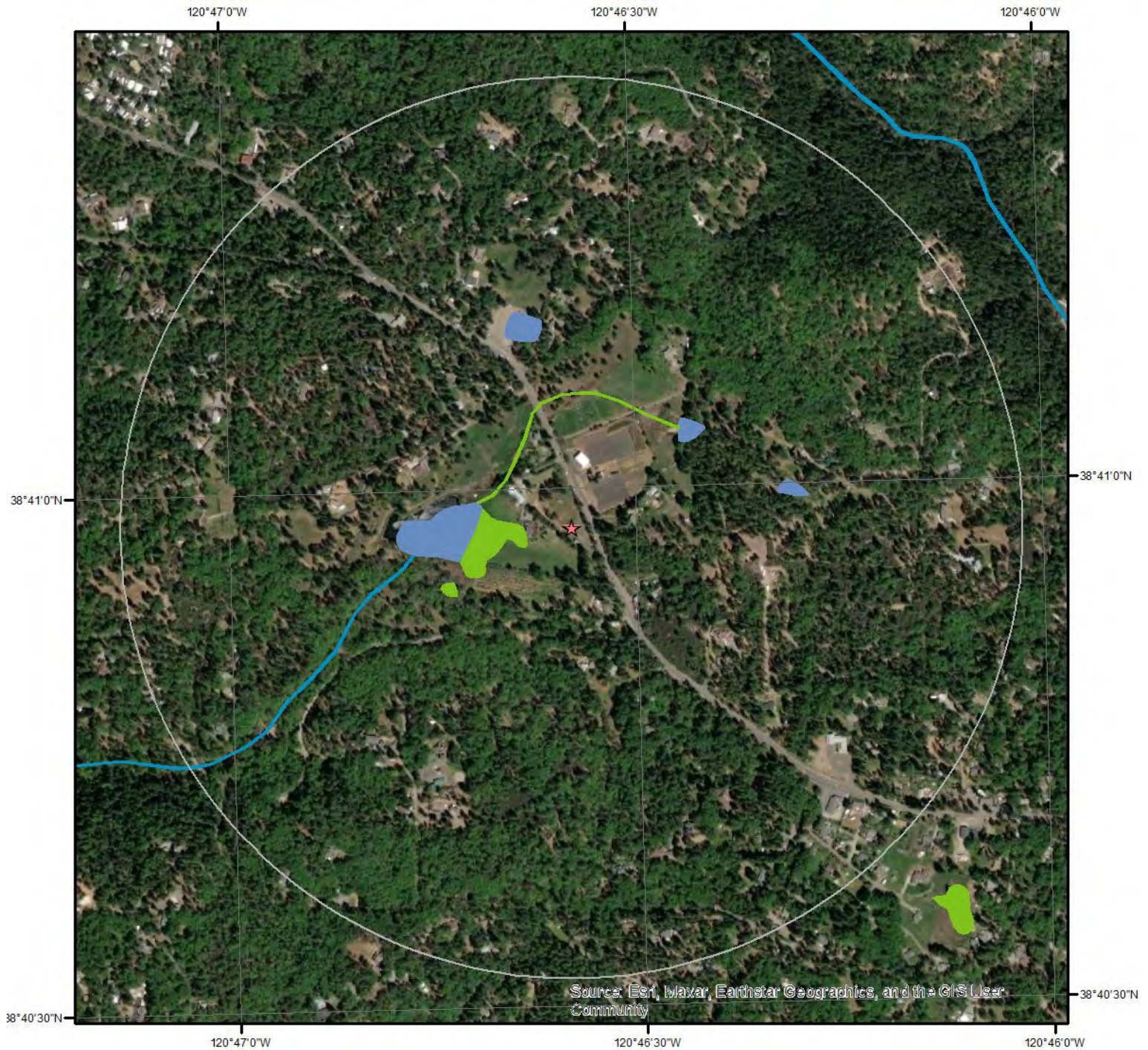
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 2,070.40 ft
Slope Direction: W



Hydrologic Information



Wetland

0 0.05 0.1 0.2 Miles

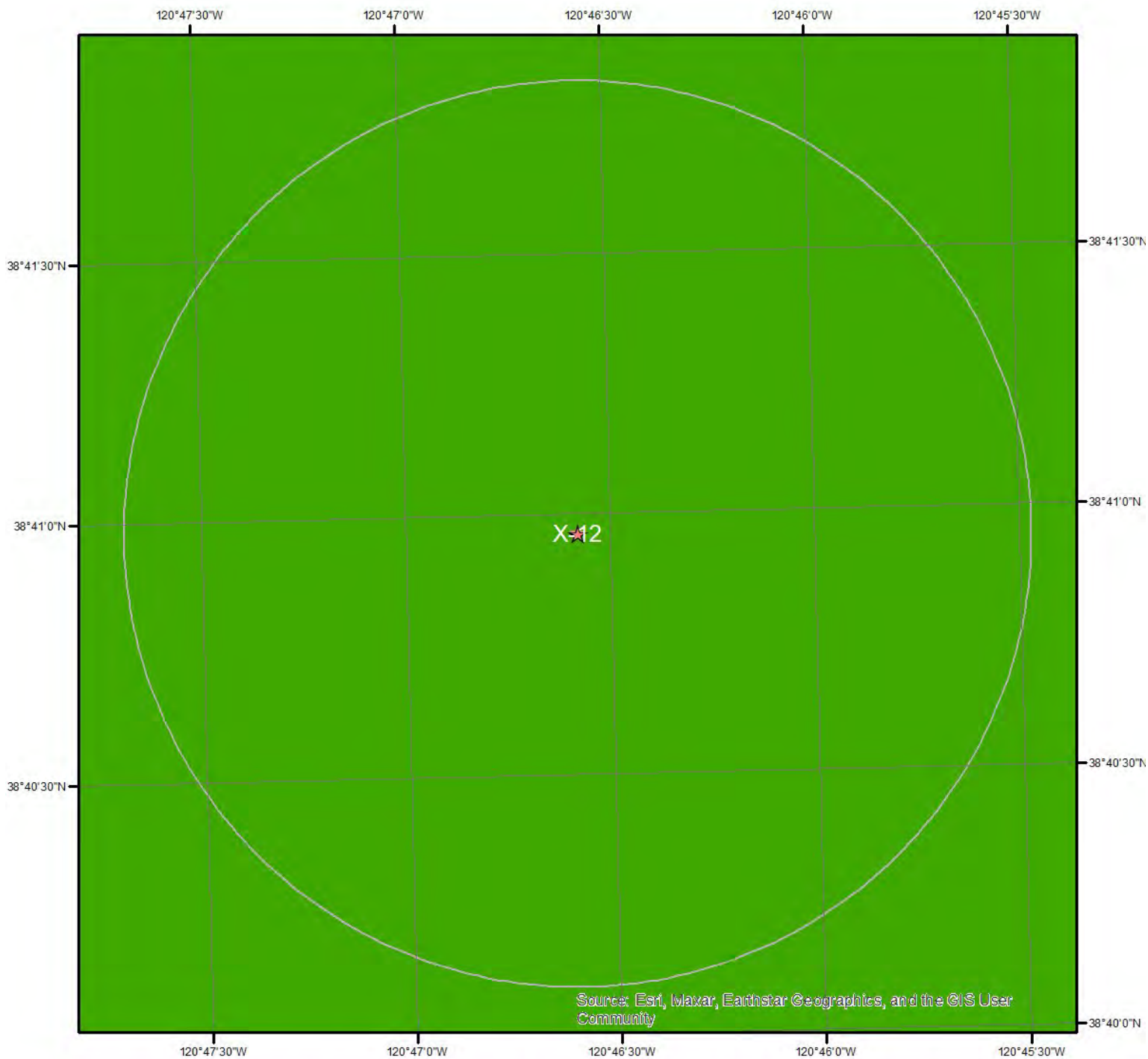


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

	Estuarine and Marine Deepwater		Freshwater Pond
	Estuarine and Marine Wetland		Lake
	Freshwater Emergent Wetland		Other
	Freshwater Forested/Shrub Wetland		Riverine



Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED

Quadrangle(s): Placerville, CA



Hydrologic Information

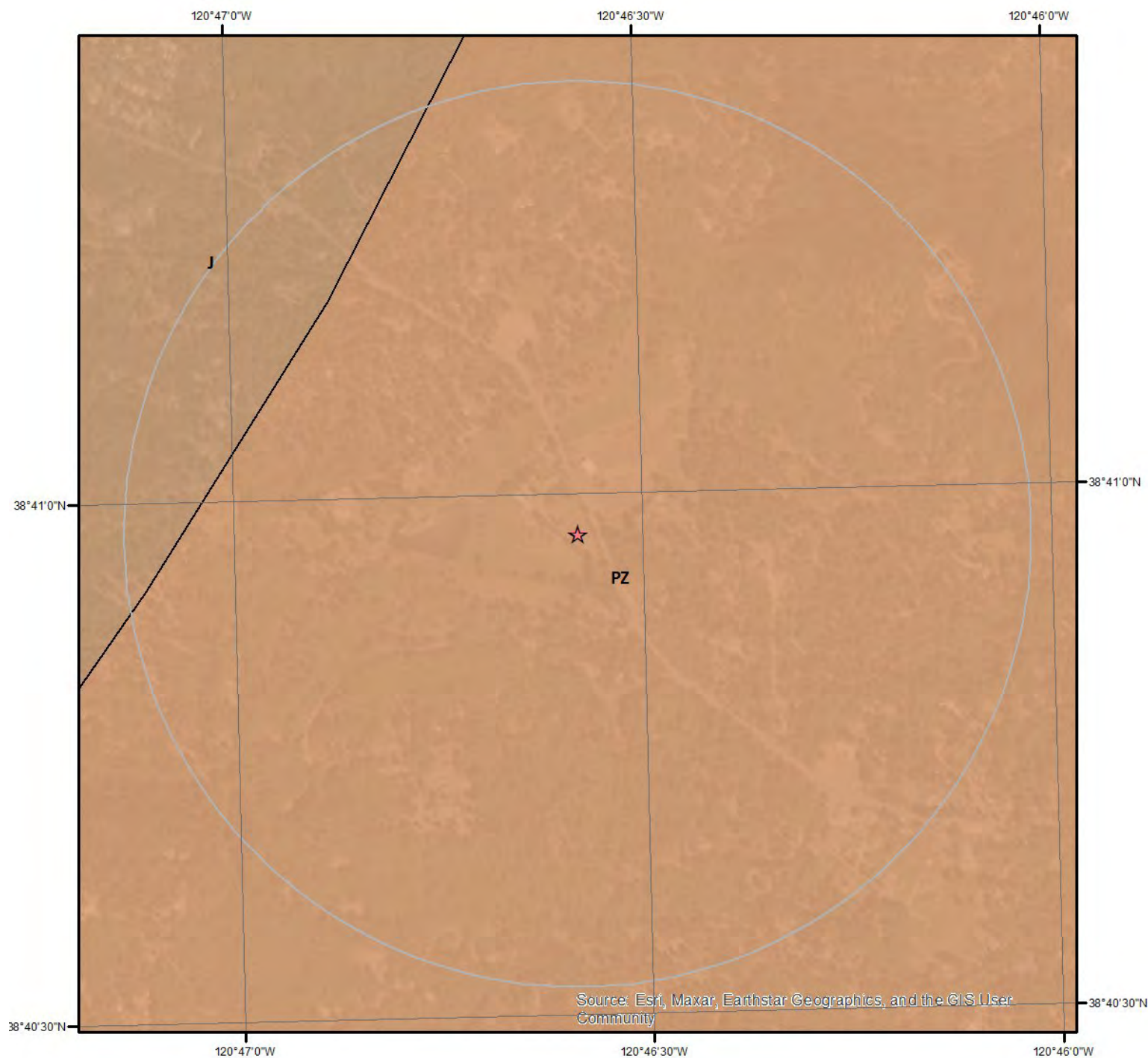
The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

Available FIRM Panels in area:	06017C0775E(effective:2008-09-26)
--------------------------------	-----------------------------------

Flood Zone X-12

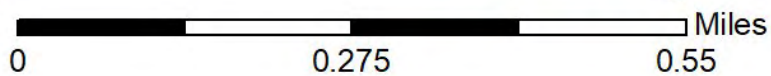
Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

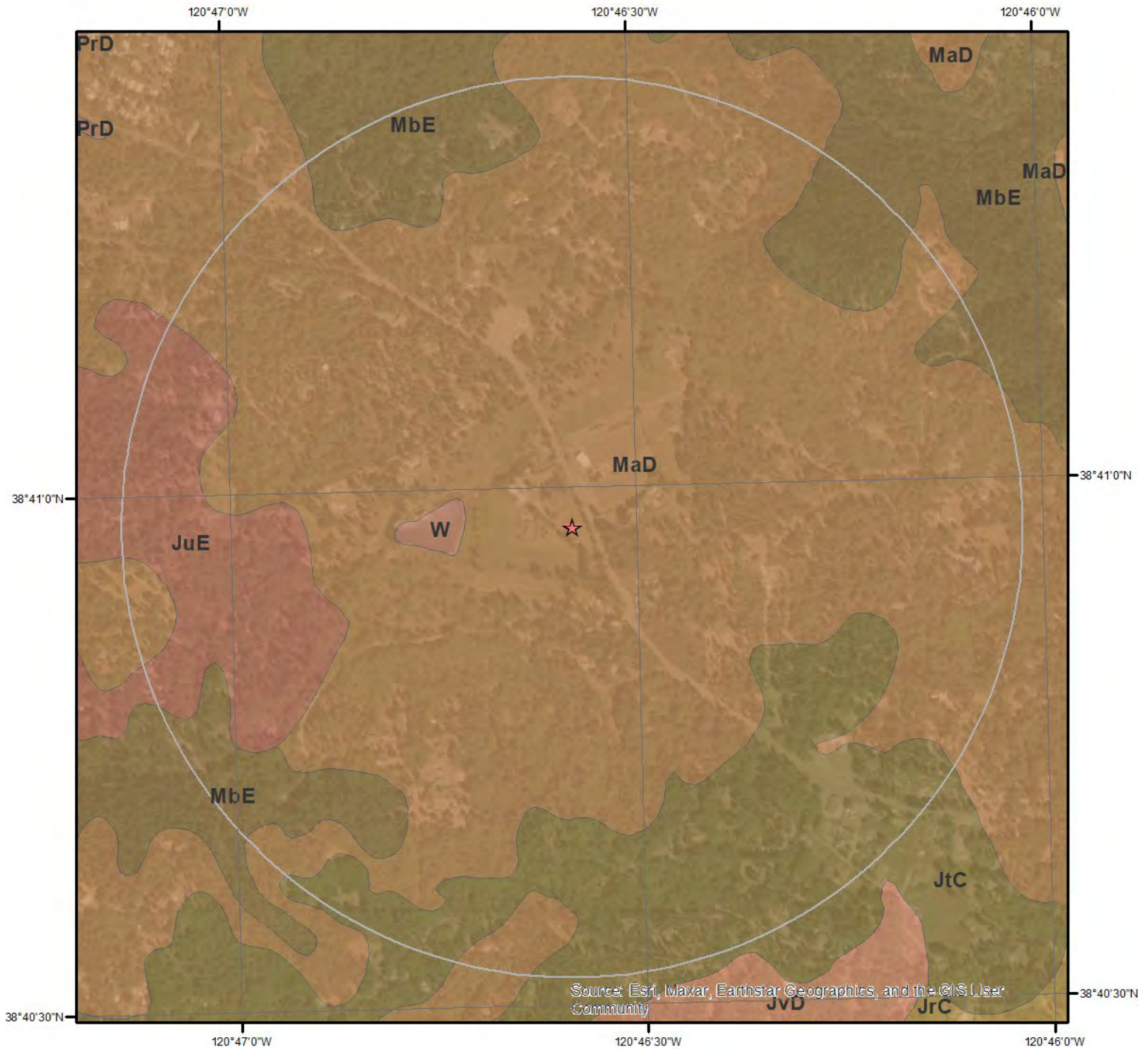
Geologic Unit J

Unit Name:	Jurassic marine rocks, unit 1 (Western Sierra Nevada and Western Klamath Mountains)
Unit Age:	Triassic to Late Jurassic
Primary Rock Type:	slate
Secondary Rock Type:	graywacke
Unit Description:	Shale, sandstone, minor conglomerate, chert, slate, limestone; minor pyroclastic rocks

Geologic Unit PZ

Unit Name:	Paleozoic marine rocks, undivided, unit 4 (Western Sierra Nevada)
Unit Age:	Ordovician to Triassic
Primary Rock Type:	argillite
Secondary Rock Type:	quartzite
Unit Description:	Undivided Paleozoic metasedimentary rocks. Includes slate, sandstone, shale, chert, conglomerate, limestone, dolomite, marble, phyllite, schist, hornfels, and quartzite

Soil Information



SSURGO Soils

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit JtC (8.84%)

Map Unit Name:	Josephine silt loam, 5 to 15 percent slopes
Bedrock Depth - Min:	127cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Josephine(85%)	
horizon H1(0cm to 36cm)	Silt loam
horizon H2(36cm to 84cm)	Silty clay loam
horizon H3(84cm to 127cm)	Very gravelly clay loam
horizon H4(127cm to 137cm)	Weathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: JtC - Josephine silt loam, 5 to 15 percent slopes

Component: Josephine (85%)

The Josephine component makes up 85 percent of the map unit. Slopes are 5 to 15 percent. This component is on mountains, mountain slopes, ridges. The parent material consists of residuum weathered from metamorphic rock, schist, or slate. Depth to a root restrictive layer, bedrock, paralithic, is 50 to 54 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Mariposa (5%)

Generated brief soil descriptions are created for major soil components. The Mariposa soil is a minor component.

Component: Sites (5%)

Generated brief soil descriptions are created for major soil components. The Sites soil is a minor component.

Component: Josephine (5%)

Generated brief soil descriptions are created for major soil components. The Josephine soil is a minor component.

Map Unit JuE (3.96%)

Map Unit Name:	Josephine very rocky silt loam, 9 to 50 percent slopes
Bedrock Depth - Min:	127cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Josephine(75%)	
horizon H1(0cm to 36cm)	Silt loam
horizon H2(36cm to 84cm)	Silty clay loam
horizon H3(84cm to 127cm)	Very gravelly silt loam

Soil Information

horizon H4(127cm to 137cm)

Weathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: JuE - Josephine very rocky silt loam, 9 to 50 percent slopes

Component: Josephine (75%)

The Josephine component makes up 75 percent of the map unit. Slopes are 9 to 50 percent. This component is on ridges, mountains, mountain slopes. The parent material consists of residuum weathered from metamorphic rock, schist, or slate. Depth to a root restrictive layer, bedrock, paralithic, is 50 to 54 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Rock outcrop (15%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: Mariposa (4%)

Generated brief soil descriptions are created for major soil components. The Mariposa soil is a minor component.

Component: Josephine (3%)

Generated brief soil descriptions are created for major soil components. The Josephine soil is a minor component.

Component: Sites (3%)

Generated brief soil descriptions are created for major soil components. The Sites soil is a minor component.

Map Unit MaD (74.61%)

Map Unit Name:	Mariposa gravelly silt loam, 3 to 30 percent slopes
Bedrock Depth - Min:	66cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Mariposa(85%)

horizon H1(0cm to 20cm)	Gravelly silt loam
horizon H2(20cm to 66cm)	Gravelly silt loam
horizon H3(66cm to 76cm)	Unweathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: MaD - Mariposa gravelly silt loam, 3 to 30 percent slopes

Component: Mariposa (85%)

The Mariposa component makes up 85 percent of the map unit. Slopes are 3 to 30 percent. This component is on mountains, foothills, hills. The parent material consists of residuum weathered from metamorphic rock, schist, or slate. Depth to a root restrictive layer, bedrock, lithic, is 26 to 30 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Josephine (8%)

Generated brief soil descriptions are created for major soil components. The Josephine soil is a minor component.

Soil Information

Component: Rock outcrop (4%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Sites (3%)

Generated brief soil descriptions are created for major soil components. The Sites soil is a minor component.

Map Unit MbE (12.48%)

Map Unit Name:	Mariposa very rocky silt loam, 3 to 50 percent slopes
Bedrock Depth - Min:	66cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Mariposa(75%)

horizon H1(0cm to 20cm)	Gravelly silt loam
horizon H2(20cm to 66cm)	Gravelly silt loam
horizon H3(66cm to 76cm)	Unweathered bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: MbE - Mariposa very rocky silt loam, 3 to 50 percent slopes

Component: Mariposa (75%)

The Mariposa component makes up 75 percent of the map unit. Slopes are 3 to 50 percent. This component is on foothills, hills, mountains. The parent material consists of residuum weathered from metamorphic rock, schist, or slate. Depth to a root restrictive layer, bedrock, lithic, is 26 to 30 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Rock outcrop (15%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: Josephine (6%)

Generated brief soil descriptions are created for major soil components. The Josephine soil is a minor component.

Component: Maymen (2%)

Generated brief soil descriptions are created for major soil components. The Maymen soil is a minor component.

Component: Sites (2%)

Generated brief soil descriptions are created for major soil components. The Sites soil is a minor component.

Map Unit W (0.11%)

Map Unit Name:	Water
No more attributes available for this map unit	

Component Description:

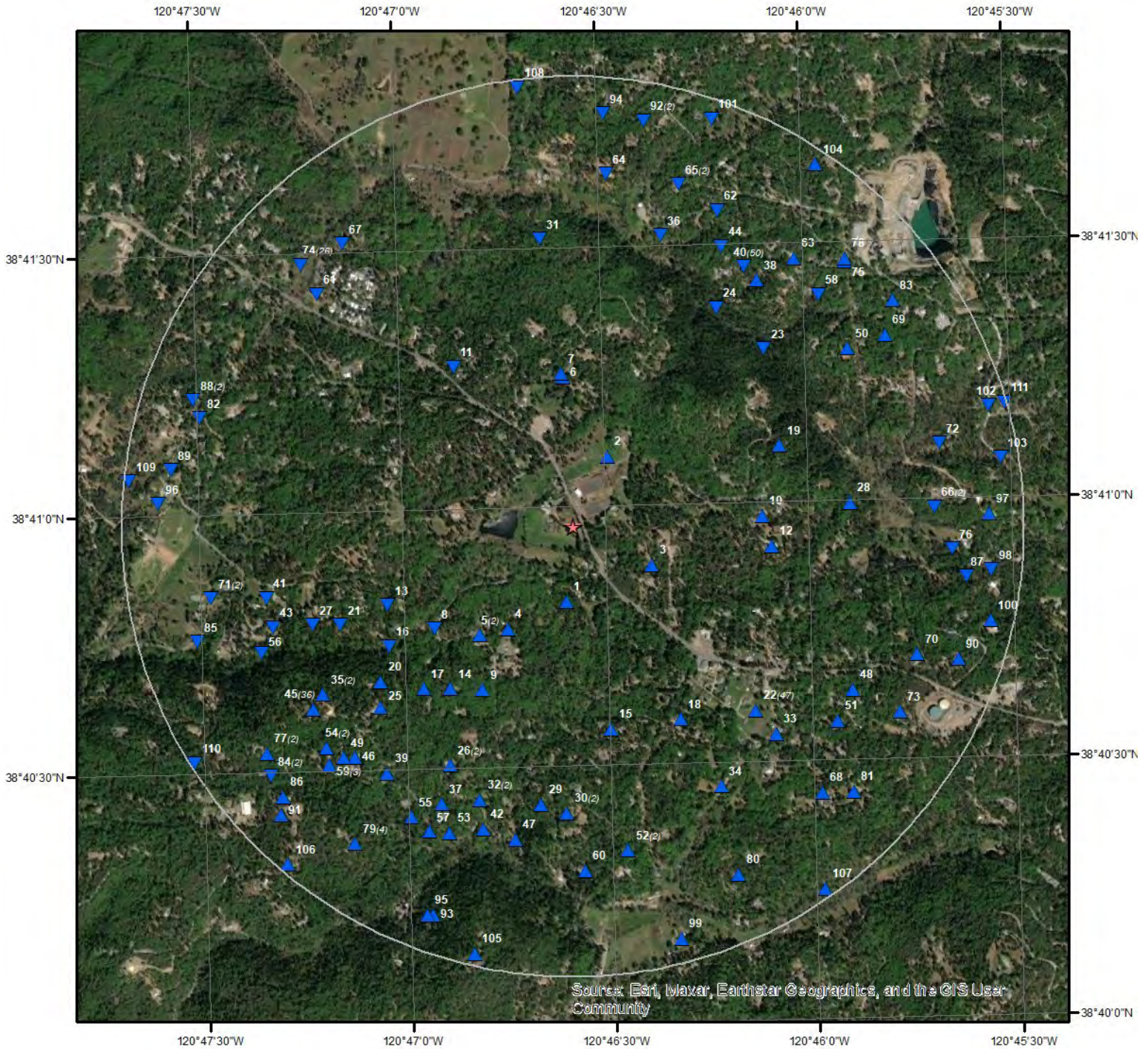
Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)

Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Wells and Additional Sources



Wells & Additional Sources



0 0.15 0.3 0.6 Miles

- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources Summary**Federal Sources****Public Water Systems Violations and Enforcement Data**

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	ID	Distance (ft)	Direction
	No records found		

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources**Oil and Gas Wells**

Map Key	ID	Distance (ft)	Direction
	No records found		

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
1	WCR1988-001752	887.28	S
2	WCR0055128	916.06	NNE
3	WCR1990-004958	1035.61	ESE
4	WCR1984-001311	1422.30	SSW
5	WCR1987-007924	1669.42	SW
5	WCR2007-001079	1669.42	SW
6	WCR2010-007645	1751.96	N
7	WCR1999-004811	1795.20	N
8	WCR2019-008338	2019.74	SW
9	WCR1985-003676	2187.94	SSW

Wells and Additional Sources Summary

10	WCR2004-001260	2224.81	E
11	WCR1988-001719	2326.79	NW
12	WCR1988-002093	2348.56	E
13	WCR0093921	2355.49	WSW
14	WCR1991-002796	2378.45	SW
15	WCR1991-012320	2417.15	S
16	WCR1986-007222	2575.12	WSW
17	WCR1991-002795	2583.30	SW
18	WCR2000-001945	2589.40	SSE
19	WCR1987-007363	2602.46	ENE
20	WCR1990-003421	2892.42	SW
21	WCR0093918	2958.73	WSW
22	WCR0238977	3042.76	SE
22	WCR0209404	3042.76	SE
22	WCR1910-000030	3042.76	SE
22	WCR0071472	3042.76	SE
22	WCR0220841	3042.76	SE
22	WCR0127623	3042.76	SE
22	WCR0138469	3042.76	SE
22	WCR0278387	3042.76	SE
22	WCR0238976	3042.76	SE
22	WCR0035273	3042.76	SE
22	WCR0013292	3042.76	SE
22	WCR1994-001640	3042.76	SE
22	WCR0127624	3042.76	SE
22	WCR0168805	3042.76	SE
22	WCR0055131	3042.76	SE
22	WCR0055130	3042.76	SE
22	WCR0160088	3042.76	SE
22	WCR0138468	3042.76	SE
22	WCR0001633	3042.76	SE
22	WCR0179910	3042.76	SE
22	WCR0110966	3042.76	SE
22	WCR0278547	3042.76	SE
22	WCR0105035	3042.76	SE
22	WCR0238978	3042.76	SE
22	WCR2003-007095	3042.76	SE
22	WCR0303568	3042.76	SE
22	WCR0175302	3042.76	SE
22	WCR0231576	3042.76	SE
22	WCR0150589	3042.76	SE
22	WCR0303567	3042.76	SE
22	WCR0231577	3042.76	SE
22	WCR0105036	3042.76	SE
22	WCR0148188	3042.76	SE
22	WCR0093925	3042.76	SE
22	WCR0328380	3042.76	SE
22	WCR0301646	3042.76	SE
22	WCR1988-009566	3042.76	SE
22	WCR1983-000277	3042.76	SE
22	WCR1988-010302	3042.76	SE
22	WCR2005-005794	3042.76	SE
22	WCR2006-003705	3042.76	SE
22	WCR0220842	3042.76	SE
22	WCR0191686	3042.76	SE
22	WCR0194123	3042.76	SE
22	WCR0257788	3042.76	SE
22	WCR1986-005443	3042.76	SE
22	WCR2003-006767	3042.76	SE
23	WCR2002-008604	3056.52	NE
24	WCR2008-000942	3062.51	NNE
25	WCR1998-000829	3093.60	SW
26	WCR0303562	3144.28	SSW
26	WCR1985-004007	3144.28	SSW
27	WCR0210812	3258.57	WSW
28	WCR2001-001215	3260.08	E

Wells and Additional Sources Summary

29	WCR0112333	3283.72	S
30	WCR1996-004989	3360.92	S
30	WCR1986-005645	3360.92	S
31	WCR2016-011765	3383.33	N
32	WCR1995-002228	3383.37	SSW
32	WCR1995-002229	3383.37	SSW
33	WCR2009-000829	3408.51	SE
34	WCR1994-002798	3511.43	SSE
35	WCR1991-002103	3520.22	SW
35	WCR1988-008049	3520.22	SW
36	WCR2008-000907	3556.25	NNE
37	WCR2022-004257	3597.59	SSW
38	WCR1994-002257	3598.51	NE
39	WCR1991-003311	3614.74	SW
40	WCR1983-001198	3637.77	NNE
40	WCR0231567	3637.77	NNE
40	WCR0056933	3637.77	NNE
40	WCR0022234	3637.77	NNE
40	WCR0278376	3637.77	NNE
40	WCR0312467	3637.77	NNE
40	WCR0299662	3637.77	NNE
40	WCR1986-002554	3637.77	NNE
40	WCR1984-000841	3637.77	NNE
40	WCR0250542	3637.77	NNE
40	WCR1989-011330	3637.77	NNE
40	WCR0258513	3637.77	NNE
40	WCR0076693	3637.77	NNE
40	WCR2009-002494	3637.77	NNE
40	WCR0247088	3637.77	NNE
40	WCR0278377	3637.77	NNE
40	WCR0183081	3637.77	NNE
40	WCR0231565	3637.77	NNE
40	WCR0084843	3637.77	NNE
40	WCR0292554	3637.77	NNE
40	WCR1981-000606	3637.77	NNE
40	WCR0160081	3637.77	NNE
40	WCR0328368	3637.77	NNE
40	WCR0022233	3637.77	NNE
40	WCR0238965	3637.77	NNE
40	WCR0225214	3637.77	NNE
40	WCR1983-001307	3637.77	NNE
40	WCR0138461	3637.77	NNE
40	WCR0093916	3637.77	NNE
40	WCR0247090	3637.77	NNE
40	WCR1981-000607	3637.77	NNE
40	WCR0084844	3637.77	NNE
40	WCR1984-000813	3637.77	NNE
40	WCR1984-000840	3637.77	NNE
40	WCR0247089	3637.77	NNE
40	WCR1981-000638	3637.77	NNE
40	WCR1991-012322	3637.77	NNE
40	WCR0278374	3637.77	NNE
40	WCR1982-002138	3637.77	NNE
40	WCR1985-003547	3637.77	NNE
40	WCR1985-003643	3637.77	NNE
40	WCR1994-000694	3637.77	NNE
40	WCR1982-001022	3637.77	NNE
40	WCR2005-007323	3637.77	NNE
40	WCR1984-001422	3637.77	NNE
40	WCR1984-000912	3637.77	NNE
40	WCR0231568	3637.77	NNE
40	WCR0231566	3637.77	NNE
40	WCR0084842	3637.77	NNE
40	WCR1995-000349	3637.77	NNE
41	WCR0222357	3683.75	WSW
42	WCR1988-010675	3698.78	SSW

Wells and Additional Sources Summary

43	WCR0328371	3709.07	WSW
44	WCR1992-008264	3711.76	NNE
45	WCR0162947	3712.99	SW
45	WCR1985-003985	3712.99	SW
45	WCR0084851	3712.99	SW
45	WCR0059992	3712.99	SW
45	WCR0250546	3712.99	SW
45	WCR0278386	3712.99	SW
45	WCR2003-007092	3712.99	SW
45	WCR0183084	3712.99	SW
45	WCR0148181	3712.99	SW
45	WCR0095509	3712.99	SW
45	WCR1980-004398	3712.99	SW
45	WCR1985-003543	3712.99	SW
45	WCR0148186	3712.99	SW
45	WCR2008-003027	3712.99	SW
45	WCR1984-001268	3712.99	SW
45	WCR1994-001618	3712.99	SW
45	WCR0175300	3712.99	SW
45	WCR0066254	3712.99	SW
45	WCR0001632	3712.99	SW
45	WCR1988-011566	3712.99	SW
45	WCR2002-008899	3712.99	SW
45	WCR1988-010454	3712.99	SW
45	WCR0110965	3712.99	SW
45	WCR1985-004028	3712.99	SW
45	WCR0093392	3712.99	SW
45	WCR0247095	3712.99	SW
45	WCR1986-005076	3712.99	SW
45	WCR1988-010218	3712.99	SW
45	WCR1981-002888	3712.99	SW
45	WCR1986-002529	3712.99	SW
45	WCR0118743	3712.99	SW
45	WCR0231573	3712.99	SW
45	WCR0328374	3712.99	SW
45	WCR0247098	3712.99	SW
45	WCR1995-004881	3712.99	SW
45	WCR1988-011520	3712.99	SW
46	WCR1992-005106	3722.22	SW
47	WCR0022243	3730.57	S
48	WCR2004-001438	3799.93	ESE
49	WCR2001-003654	3816.06	SW
50	WCR1989-009410	3840.59	ENE
51	WCR2003-003828	3849.14	SE
52	WCR2013-000710	3852.07	S
52	WCR1984-000929	3852.07	S
53	WCR2005-002560	3870.17	SSW
54	WCR1996-002191	3878.62	SW
54	WCR1996-002192	3878.62	SW
55	WCR1988-008934	3895.56	SSW
56	WCR1986-005638	3937.29	WSW
57	WCR1988-008892	3945.50	SSW
58	WCR2022-000967	3949.59	NE
59	WCR2001-005565	3994.97	SW
59	WCR1990-009365	3994.97	SW
59	WCR0180117	3994.97	SW
60	WCR1997-004633	4038.18	S
61	WCR1994-005513	4044.42	NW
62	WCR1990-004324	4064.99	NNE
63	WCR1988-011200	4075.12	NE
64	WCR2003-001879	4139.30	N
65	WCR2007-002262	4189.94	NNE
65	WCR2007-002263	4189.94	NNE
66	WCR2004-006342	4237.75	E
66	WCR0255933	4237.75	E
67	WCR1998-000291	4272.05	NW

Wells and Additional Sources Summary

68	WCR0284214	4277.02	SE
69	WCR1988-008413	4296.39	ENE
70	WCR1989-004405	4310.66	ESE
71	WCR1988-008057	4317.53	WSW
71	WCR2004-002834	4317.53	WSW
72	WCR1989-008608	4400.27	ENE
73	WCR1988-009656	4409.92	ESE
74	WCR0110963	4417.38	NW
74	WCR1980-001968	4417.38	NW
74	WCR0319301	4417.38	NW
74	WCR0328369	4417.38	NW
74	WCR0319302	4417.38	NW
74	WCR1980-001960	4417.38	NW
74	WCR0076694	4417.38	NW
74	WCR0035002	4417.38	NW
74	WCR0250543	4417.38	NW
74	WCR0328124	4417.38	NW
74	WCR0328370	4417.38	NW
74	WCR0258515	4417.38	NW
74	WCR1991-001623	4417.38	NW
74	WCR0247091	4417.38	NW
74	WCR0175297	4417.38	NW
74	WCR0250544	4417.38	NW
74	WCR0076695	4417.38	NW
74	WCR1986-005555	4417.38	NW
74	WCR0033707	4417.38	NW
74	WCR0258514	4417.38	NW
74	WCR0093917	4417.38	NW
74	WCR0209396	4417.38	NW
74	WCR0247281	4417.38	NW
74	WCR1991-001624	4417.38	NW
74	WCR1998-000731	4417.38	NW
74	WCR1985-001088	4417.38	NW
75	WCR2006-001041	4446.70	NE
76	WCR1990-009516	4452.10	E
77	WCR0001628	4456.96	SW
77	WCR0147282	4456.96	SW
78	WCR2007-000905	4473.92	NE
79	WCR1988-011295	4508.48	SW
79	WCR2003-001874	4508.48	SW
79	WCR2003-001873	4508.48	SW
79	WCR1988-010225	4508.48	SW
80	WCR1992-005023	4521.06	SSE
81	WCR2003-003814	4526.71	SE
82	WCR1992-010214	4546.23	WNW
83	WCR1991-002099	4592.22	NE
84	WCR1999-004849	4592.97	SW
84	WCR1990-009288	4592.97	SW
85	WCR1990-013299	4601.32	WSW
86	WCR1989-007384	4640.84	SW
87	WCR1984-000367	4652.66	E
88	WCR1999-003348	4682.95	WNW
88	WCR1999-003347	4682.95	WNW
89	WCR1985-003368	4746.61	W
90	WCR2013-000157	4779.46	ESE
91	WCR1997-005315	4806.25	SW
92	WCR2009-000570	4821.99	N
92	WCR1984-003551	4821.99	N
93	WCR2015-007384	4844.57	SSW
94	WCR1995-004895	4846.92	N
95	WCR1994-000747	4861.11	SSW
96	WCR1990-002926	4861.76	W
97	WCR1991-003120	4877.99	E
98	WCR1990-009246	4928.92	E
99	WCR1988-009531	4999.99	SSE
100	WCR2002-000310	5018.83	ESE

Wells and Additional Sources Summary

101	WCR2019-006929	5040.20	NNE
102	WCR2017-012317	5070.07	ENE
103	WCR1987-003907	5071.38	E
104	WCR1985-004041	5110.92	NE
105	WCR1984-003070	5135.53	SSW
106	WCR1991-003216	5172.06	SW
107	WCR2021-009906	5173.56	SE
108	WCR1986-004944	5176.80	N
109	WCR1985-003548	5223.90	W
110	WCR0148187	5226.79	WSW
111	WCR2000-001326	5256.42	ENE

Wells and Additional Sources Detail Report**Well Completion Reports**

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	S	0.17	887.28	2,122.14	WATER WELLS

WCR No: WCR1988-001752 Decimal Lat(OSWCR): 38.68027016
 Decimal Latitude: 38.68027016 Decim Long(OSWCR): -120.77672486
 Decimal Longitude: -120.77672486
 Location: 1670 PLEASANT VALLEY RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1670 PLEASANT VALLEY RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.17	916.06	2,079.57	WATER WELLS

WCR No: WCR0055128 Decimal Lat(OSWCR): 38.68492043
 Decimal Latitude: 38.68492043 Decim Long(OSWCR): -120.77492141
 Decimal Longitude: -120.77492141
 Location: 1541 PLEASANT VALLEY RD
 City:
 County: El Dorado
 Location(OSWCR): 1541 PLEASANT VALLEY RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ESE	0.20	1,035.61	2,156.22	WATER WELLS

WCR No: WCR1990-004958 Decimal Lat(OSWCR): 38.6813995
 Decimal Latitude: 38.6813995 Decim Long(OSWCR): -120.77318431
 Decimal Longitude: -120.77318431
 Location: 1681 PLEASANT VALLEY RD
 City: Pleasant Hill
 County: El Dorado
 Location(OSWCR): 1681 PLEASANT VALLEY RD
 City(OSWCR): Pleasant Hill
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SSW	0.27	1,422.30	2,135.01	WATER WELLS
WCR No: WCR1984-001311 Decimal Lat(OSWCR): 38.67943895 Decimal Latitude: 38.67943895 Decim Long(OSWCR): -120.77916611 Decimal Longitude: -120.77916611 Location: City: PLACERVILLE County: El Dorado Location(OSWCR): City(OSWCR): PLACERVILLE County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.32	1,669.42	2,114.29	WATER WELLS
WCR No: WCR1987-007924 Decimal Lat(OSWCR): 38.67927163 Decimal Latitude: 38.67927163 Decim Long(OSWCR): -120.78030365 Decimal Longitude: -120.78030365 Location: 1491 COMBO CT City: Placerville County: El Dorado Location(OSWCR): 1491 COMBO CT City(OSWCR): Placerville County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.32	1,669.42	2,114.29	WATER WELLS
WCR No: WCR2007-001079 Decimal Lat(OSWCR): 38.67927163 Decimal Latitude: 38.67927163 Decim Long(OSWCR): -120.78030365 Decimal Longitude: -120.78030365 Location: 1491 COMBO CT City: Placerville County: El Dorado Location(OSWCR): 1491 COMBO CT City(OSWCR): Placerville County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

6	N	0.33	1,751.96	2,129.70	WATER WELLS
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WCR No:	WCR2010-007645	Decimal Lat(OSWCR):	38.6875
Decimal Latitude:	38.6875	Decim Long(OSWCR):	-120.7766667
Decimal Longitude:	-120.7766667		
Location:	1486 KEARNS DR		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	1486 KEARNS DR		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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7	N	0.34	1,795.20	2,128.93	WATER WELLS
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WCR No:	WCR1999-004811	Decimal Lat(OSWCR):	38.68761639
Decimal Latitude:	38.68761639	Decim Long(OSWCR):	-120.77673478
Decimal Longitude:	-120.77673478		
Location:	1486 KEARNS RD		
City:			
County:	El Dorado		
Location(OSWCR):	1486 KEARNS RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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8	SW	0.38	2,019.74	2,004.28	WATER WELLS
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WCR No:	WCR2019-008338	Decimal Lat(OSWCR):	38.6794785
Decimal Latitude:	38.6794785	Decim Long(OSWCR):	-120.7821777
Decimal Longitude:	-120.7821777		
Location:	0 Lisanne LN		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	0 Lisanne LN		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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9	SSW	0.41	2,187.94	2,129.15	WATER WELLS
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Wells and Additional Sources Detail Report

WCR No:	WCR1985-003676	Decimal Lat(OSWCR):	38.6774957
Decimal Latitude:	38.6774957	Decim Long(OSWCR):	-120.78025457
Decimal Longitude:	-120.78025457		
Location:	1471 COMBO CT		
City:			
County:	El Dorado		
Location(OSWCR):	1471 COMBO CT		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	E	0.42	2,224.81	2,167.59	WATER WELLS

WCR No:	WCR2004-001260	Decimal Lat(OSWCR):	38.68288177
Decimal Latitude:	38.68288177	Decim Long(OSWCR):	-120.76862471
Decimal Longitude:	-120.76862471		
Location:	MOONSHINE HILL LN		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	MOONSHINE HILL LN		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NW	0.44	2,326.79	2,015.44	WATER WELLS

WCR No:	WCR1988-001719	Decimal Lat(OSWCR):	38.68789901
Decimal Latitude:	38.68789901	Decim Long(OSWCR):	-120.78113948
Decimal Longitude:	-120.78113948		
Location:	2987 JENNIFER LN		
City:			
County:	El Dorado		
Location(OSWCR):	2987 JENNIFER LN		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	E	0.44	2,348.56	2,203.51	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1988-002093	Decimal Lat(OSWCR):	38.68190081
Decimal Latitude:	38.68190081	Decim Long(OSWCR):	-120.76825011
Decimal Longitude:	-120.76825011		
Location:	5230 MOONSHINE HILL RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	5230 MOONSHINE HILL RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	WSW	0.45	2,355.49	2,018.76	WATER WELLS

WCR No:	WCR0093921	Decimal Lat(OSWCR):	38.68028081
Decimal Latitude:	38.68028081	Decim Long(OSWCR):	-120.78406865
Decimal Longitude:	-120.78406865		
Location:	ON RING GOLD LEFT ON SHERWOOD LANE		
City:			
County:	El Dorado		
Location(OSWCR):	ON RING GOLD LEFT ON SHERWOOD LANE		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SW	0.45	2,378.45	2,173.09	WATER WELLS

WCR No:	WCR1991-002796	Decimal Lat(OSWCR):	38.67756035
Decimal Latitude:	38.67756035	Decim Long(OSWCR):	-120.78156282
Decimal Longitude:	-120.78156282		
Location:	1800 LISANNE LN		
City:			
County:	El Dorado		
Location(OSWCR):	1800 LISANNE LN		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	S	0.46	2,417.15	2,169.89	WATER WELLS

WCR No:	WCR1991-012320	Decimal Lat(OSWCR):	38.67614797
Decimal Latitude:	38.67614797	Decim Long(OSWCR):	-120.77502166

Wells and Additional Sources Detail Report

Decimal Longitude: -120.77502166
 Location: 1680 BIG OAK RD
 City:
 County: El Dorado
 Location(OSWCR): 1680 BIG OAK RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	WSW	0.49	2,575.12	1,952.66	WATER WELLS

WCR No: WCR1986-007222
 Decimal Latitude: 38.67895319
 Decimal Longitude: -120.78406782
 Location: 1421 SHERWOOD LN
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1421 SHERWOOD LN
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SW	0.49	2,583.30	2,143.99	WATER WELLS

WCR No: WCR1991-002795
 Decimal Latitude: 38.67757197
 Decimal Longitude: -120.78267292
 Location: 1801 LISANNE LN
 City:
 County: El Dorado
 Location(OSWCR): 1801 LISANNE LN
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSE	0.49	2,589.40	2,202.45	WATER WELLS

WCR No: WCR2000-001945
 Decimal Latitude: 38.67641109
 Decimal Longitude: -120.77216995
 Location: 4729 OAK HILL RD

Wells and Additional Sources Detail Report

City:
 County: El Dorado
 Location(OSWCR): 4729 OAK HILL RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	ENE	0.49	2,602.46	2,097.38	WATER WELLS

WCR No: WCR1987-007363 Decimal Lat(OSWCR): 38.68514023
 Decimal Latitude: 38.68514023 Decim Long(OSWCR): -120.76784897
 Decimal Longitude: -120.76784897
 Location: 5320 MOONSHINE HILL RD
 City:
 County: El Dorado
 Location(OSWCR): 5320 MOONSHINE HILL RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SW	0.55	2,892.42	2,097.30	WATER WELLS

WCR No: WCR1990-003421 Decimal Lat(OSWCR): 38.67783862
 Decimal Latitude: 38.67783862 Decim Long(OSWCR): -120.78443087
 Decimal Longitude: -120.78443087
 Location: 1507 SHERWOOD LN
 City:
 County: El Dorado
 Location(OSWCR): 1507 SHERWOOD LN
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	WSW	0.56	2,958.73	1,990.81	WATER WELLS

WCR No: WCR0093918 Decimal Lat(OSWCR): 38.67967672
 Decimal Latitude: 38.67967672 Decim Long(OSWCR): -120.7860361
 Decimal Longitude: -120.7860361
 Location: DIAMOND SPRINGS
 City:
 County: El Dorado

Wells and Additional Sources Detail Report

Location(OSWCR): DIAMOND SPRINGS
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0238977
Decimal Latitude: 38.67664
Decimal Longitude: -120.76907
Location:
City:
County: El Dorado
Location(OSWCR):
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0209404
Decimal Latitude: 38.67664
Decimal Longitude: -120.76907
Location:
City:
County: El Dorado
Location(OSWCR):
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR1910-000030
Decimal Latitude: 38.67664
Decimal Longitude: -120.76907
Location:
City: PLACERVILLE
County: El Dorado
Location(OSWCR):
City(OSWCR): PLACERVILLE

Wells and Additional Sources Detail Report

County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0071472 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0220841 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0127623 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0138469 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0278387 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0238976 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS
<div> <div>WCR No:</div> <div>WCR0035273</div> <div>Decimal Lat(OSWCR):</div> <div>38.67664</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67664</div> <div>Decim Long(OSWCR):</div> <div>-120.76907</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.76907</div> </div> <div> <div>Location:</div> <div>City:</div> <div>County:</div> <div>El Dorado</div> <div>Location(OSWCR):</div> <div>City(OSWCR):</div> <div>County(OSWCR):</div> <div>El Dorado</div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS
<div> <div>WCR No:</div> <div>WCR0013292</div> <div>Decimal Lat(OSWCR):</div> <div>38.67664</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67664</div> <div>Decim Long(OSWCR):</div> <div>-120.76907</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.76907</div> </div> <div> <div>Location:</div> <div>City:</div> <div>County:</div> <div>El Dorado</div> <div>Location(OSWCR):</div> <div>City(OSWCR):</div> <div>County(OSWCR):</div> <div>El Dorado</div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1994-001640</div> <div>Decimal Lat(OSWCR):</div> <div>38.67664</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67664</div> <div>Decim Long(OSWCR):</div> <div>-120.76907</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.76907</div> </div> <div> <div>Location:</div> <div>City:</div> <div>County:</div> <div>El Dorado</div> <div>Location(OSWCR):</div> <div>City(OSWCR):</div> <div>County(OSWCR):</div> <div>El Dorado</div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

22	SE	0.58	3,042.76	2,166.84	WATER WELLS
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WCR No:	WCR0127624	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0168805	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0055131	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0055130 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0160088 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0138468 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0001633 Decimal Lat(OSWCR): 38.67664

Wells and Additional Sources Detail Report

Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0179910	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0110966	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0278547	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		

Wells and Additional Sources Detail Report

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0105035

Decimal Lat(OSWCR): 38.67664

Decimal Latitude: 38.67664

Decim Long(OSWCR): -120.76907

Decimal Longitude: -120.76907

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0238978

Decimal Lat(OSWCR): 38.67664

Decimal Latitude: 38.67664

Decim Long(OSWCR): -120.76907

Decimal Longitude: -120.76907

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR2003-007095

Decimal Lat(OSWCR): 38.67664

Decimal Latitude: 38.67664

Decim Long(OSWCR): -120.76907

Decimal Longitude: -120.76907

Location:

City: PLACERVILLE

Wells and Additional Sources Detail Report

County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0303568
 Decimal Latitude: 38.67664
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0175302
 Decimal Latitude: 38.67664
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0231576
 Decimal Latitude: 38.67664
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):

Wells and Additional Sources Detail Report

City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0150589 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0303567 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0231577 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado

Wells and Additional Sources Detail Report

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0105036 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0148188 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No: WCR0093925 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS
WCR No: WCR0328380 Decimal Lat(OSWCR): 38.67664 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907 Decimal Longitude: -120.76907 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS
WCR No: WCR0301646 Decimal Lat(OSWCR): 38.67664 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907 Decimal Longitude: -120.76907 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS
WCR No: WCR1988-009566 Decimal Lat(OSWCR): 38.67664 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907 Decimal Longitude: -120.76907 Location: City: PLACERVILLE County: El Dorado Location(OSWCR): City(OSWCR): PLACERVILLE County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

[22](#) SE 0.58 3,042.76 2,166.84 WATER WELLS

WCR No: WCR1983-000277 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key Direction Distance (mi) Distance (ft) Elevation (ft) DB

[22](#) SE 0.58 3,042.76 2,166.84 WATER WELLS

WCR No: WCR1988-010302 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key Direction Distance (mi) Distance (ft) Elevation (ft) DB

[22](#) SE 0.58 3,042.76 2,166.84 WATER WELLS

WCR No: WCR2005-005794 Decimal Lat(OSWCR): 38.67664
 Decimal Latitude: 38.67664 Decim Long(OSWCR): -120.76907
 Decimal Longitude: -120.76907
 Location: 4591 PRETTY GOOD RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 4591 PRETTY GOOD RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key Direction Distance (mi) Distance (ft) Elevation (ft) DB

[22](#) SE 0.58 3,042.76 2,166.84 WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2006-003705	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:	4591 PRETTY GOOD RD		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	4591 PRETTY GOOD RD		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0220842	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0191686	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR0194123	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR0257788	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR1986-005443	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907
Decimal Longitude:	-120.76907		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.58	3,042.76	2,166.84	WATER WELLS

WCR No:	WCR2003-006767	Decimal Lat(OSWCR):	38.67664
Decimal Latitude:	38.67664	Decim Long(OSWCR):	-120.76907

Wells and Additional Sources Detail Report

Decimal Longitude: -120.76907
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NE	0.58	3,056.52	1,966.48	WATER WELLS

WCR No: WCR2002-008604 Decimal Lat(OSWCR): 38.68825192
 Decimal Latitude: 38.68825192 Decim Long(OSWCR): -120.76839221
 Decimal Longitude: -120.76839221
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	NNE	0.58	3,062.51	1,947.90	WATER WELLS

WCR No: WCR2008-000942 Decimal Lat(OSWCR): 38.68960992
 Decimal Latitude: 38.68960992 Decim Long(OSWCR): -120.77031272
 Decimal Longitude: -120.77031272
 Location: 1840 QUARRY RD
 City:
 County: El Dorado
 Location(OSWCR): 1840 QUARRY RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SW	0.59	3,093.60	2,141.02	WATER WELLS

WCR No: WCR1998-000829 Decimal Lat(OSWCR): 38.67700308
 Decimal Latitude: 38.67700308 Decim Long(OSWCR): -120.78445778
 Decimal Longitude: -120.78445778
 Location:

Wells and Additional Sources Detail Report

City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.60	3,144.28	2,168.61	WATER WELLS

WCR No: WCR0303562
 Decimal Latitude: 38.67510665
 Decimal Longitude: -120.7816673
 Location: 1501 Big Oak Rd
 City:
 County: El Dorado
 Location(OSWCR): 1501 Big Oak Rd
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.60	3,144.28	2,168.61	WATER WELLS

WCR No: WCR1985-004007
 Decimal Latitude: 38.67510665
 Decimal Longitude: -120.7816673
 Location: 1501 Big Oak Rd
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1501 Big Oak Rd
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	WSW	0.62	3,258.57	1,997.71	WATER WELLS

WCR No: WCR0210812
 Decimal Latitude: 38.67969894
 Decimal Longitude: -120.78716916
 Location: 1282 SHERWOOD LN
 City: Diamond Springs
 County: El Dorado

Wells and Additional Sources Detail Report

Location(OSWCR): 1282 SHERWOOD LN
City(OSWCR): Diamond Springs
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	E	0.62	3,260.08	2,070.44	WATER WELLS

WCR No: WCR2001-001215 Decimal Lat(OSWCR): 38.68323621
Decimal Latitude: 38.68323621 Decim Long(OSWCR): -120.7650157
Decimal Longitude: -120.7650157
Location:
City:
County: El Dorado
Location(OSWCR):
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	S	0.62	3,283.72	2,192.24	WATER WELLS

WCR No: WCR0112333 Decimal Lat(OSWCR): 38.67376091
Decimal Latitude: 38.67376091 Decim Long(OSWCR): -120.7779666
Decimal Longitude: -120.7779666
Location: 0 CANTRELL LN
City: PLACERVILLE
County: El Dorado
Location(OSWCR): 0 CANTRELL LN
City(OSWCR): PLACERVILLE
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.64	3,360.92	2,199.96	WATER WELLS

WCR No: WCR1996-004989 Decimal Lat(OSWCR): 38.67347493
Decimal Latitude: 38.67347493 Decim Long(OSWCR): -120.77691884
Decimal Longitude: -120.77691884
Location: 4860 OAK HILL RD
City: Diamond Springs
County: El Dorado
Location(OSWCR): 4860 OAK HILL RD
City(OSWCR): Diamond Springs

Wells and Additional Sources Detail Report

County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	S	0.64	3,360.92	2,199.96	WATER WELLS

WCR No: WCR1986-005645 Decimal Lat(OSWCR): 38.67347493
 Decimal Latitude: 38.67347493 Decim Long(OSWCR): -120.77691884
 Decimal Longitude: -120.77691884
 Location:
 City: DIAMOND SPRG
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): DIAMOND SPRG
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	N	0.64	3,383.33	1,972.40	WATER WELLS

WCR No: WCR2016-011765 Decimal Lat(OSWCR): 38.691944
 Decimal Latitude: 38.691944 Decim Long(OSWCR): -120.7775
 Decimal Longitude: -120.7775
 Location: 1410 QUARRY RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 1410 QUARRY RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SSW	0.64	3,383.37	2,117.03	WATER WELLS

WCR No: WCR1995-002228 Decimal Lat(OSWCR): 38.67396715
 Decimal Latitude: 38.67396715 Decim Long(OSWCR): -120.78047457
 Decimal Longitude: -120.78047457
 Location: 1532 BIG OAK RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1532 BIG OAK RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SSW	0.64	3,383.37	2,117.03	WATER WELLS

WCR No: WCR1995-002229 Decimal Lat(OSWCR): 38.67396715
 Decimal Latitude: 38.67396715 Decim Long(OSWCR): -120.78047457
 Decimal Longitude: -120.78047457
 Location: 1532 BIG OAK RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1532 BIG OAK RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SE	0.65	3,408.51	2,164.88	WATER WELLS

WCR No: WCR2009-000829 Decimal Lat(OSWCR): 38.67586272
 Decimal Latitude: 38.67586272 Decim Long(OSWCR): -120.76825432
 Decimal Longitude: -120.76825432
 Location: 4732 DUSTY LN
 City:
 County: El Dorado
 Location(OSWCR): 4732 DUSTY LN
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	SSE	0.67	3,511.43	2,156.89	WATER WELLS

WCR No: WCR1994-002798 Decimal Lat(OSWCR): 38.67421302
 Decimal Latitude: 38.67421302 Decim Long(OSWCR): -120.77056542
 Decimal Longitude: -120.77056542
 Location: 4741 Oak Hill Rd
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4741 Oak Hill Rd
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SW	0.67	3,520.22	2,108.22	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1991-002103</div> <div>Decimal Lat(OSWCR):</div> <div>38.67747164</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67747164</div> <div>Decim Long(OSWCR):</div> <div>-120.78678908</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78678908</div> </div> <div> <div>Location:</div> <div>2574 JEFF RD</div> </div> <div> <div>City:</div> <div>Diamond Springs</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>2574 JEFF RD</div> </div> <div> <div>City(OSWCR):</div> <div>Diamond Springs</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SW	0.67	3,520.22	2,108.22	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1988-008049</div> <div>Decimal Lat(OSWCR):</div> <div>38.67747164</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67747164</div> <div>Decim Long(OSWCR):</div> <div>-120.78678908</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78678908</div> </div> <div> <div>Location:</div> <div>2574 JEFF RD</div> </div> <div> <div>City:</div> <div>Diamond Springs</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>2574 JEFF RD</div> </div> <div> <div>City(OSWCR):</div> <div>Diamond Springs</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	NNE	0.67	3,556.25	1,937.11	WATER WELLS
<div> <div>WCR No:</div> <div>WCR2008-000907</div> <div>Decimal Lat(OSWCR):</div> <div>38.69197016</div> </div> <div> <div>Decimal Latitude:</div> <div>38.69197016</div> <div>Decim Long(OSWCR):</div> <div>-120.77252616</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.77252616</div> </div> <div> <div>Location:</div> <div>1520 QUARRY RD</div> </div> <div> <div>City:</div> <div></div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>1520 QUARRY RD</div> </div> <div> <div>City(OSWCR):</div> <div></div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

37	SSW	0.68	3,597.59	2,138.75	WATER WELLS
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WCR No:	WCR2022-004257	Decimal Lat(OSWCR):	38.6738555
Decimal Latitude:	38.6738555	Decim Long(OSWCR):	-120.7820392
Decimal Longitude:	-120.7820392		
Location:	1480 BIG OAK RD		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	1480 BIG OAK RD		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NE	0.68	3,598.51	2,074.88	WATER WELLS

WCR No:	WCR1994-002257	Decimal Lat(OSWCR):	38.69046212
Decimal Latitude:	38.69046212	Decim Long(OSWCR):	-120.76862521
Decimal Longitude:	-120.76862521		
Location:	1737 ROCKWOOD DR		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1737 ROCKWOOD DR		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SW	0.68	3,614.74	2,162.89	WATER WELLS

WCR No:	WCR1991-003311	Decimal Lat(OSWCR):	38.67489066
Decimal Latitude:	38.67489066	Decim Long(OSWCR):	-120.7842369
Decimal Longitude:	-120.7842369		
Location:	1471 BIG OAK RD		
City:			
County:	El Dorado		
Location(OSWCR):	1471 BIG OAK RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1983-001198	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:	DIAMOND SPRG		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	DIAMOND SPRG		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0231567	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0056933	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0022234	Decimal Lat(OSWCR):	38.6909
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Wells and Additional Sources Detail Report

Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0278376	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0312467	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0299662	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		

Wells and Additional Sources Detail Report

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1986-002554

Decimal Lat(OSWCR): 38.6909

Decimal Latitude: 38.6909

Decim Long(OSWCR): -120.76915

Decimal Longitude: -120.76915

Location:

City: PLACERVILLE

County: El Dorado

Location(OSWCR):

City(OSWCR): PLACERVILLE

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1984-000841

Decimal Lat(OSWCR): 38.6909

Decimal Latitude: 38.6909

Decim Long(OSWCR): -120.76915

Decimal Longitude: -120.76915

Location:

City: PLACERVILLE

County: El Dorado

Location(OSWCR):

City(OSWCR): PLACERVILLE

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0250542

Decimal Lat(OSWCR): 38.6909

Decimal Latitude: 38.6909

Decim Long(OSWCR): -120.76915

Decimal Longitude: -120.76915

Location:

City:

Wells and Additional Sources Detail Report

County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1989-011330
 Decimal Latitude: 38.6909
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0258513
 Decimal Latitude: 38.6909
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0076693
 Decimal Latitude: 38.6909
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):

Wells and Additional Sources Detail Report

City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR2009-002494 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location: VINTAGE LN
 City:
 County: El Dorado
 Location(OSWCR): VINTAGE LN
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0247088 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location: AT ABOVE ADDRESS
 City:
 County: El Dorado
 Location(OSWCR): AT ABOVE ADDRESS
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0278377 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado

Wells and Additional Sources Detail Report

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0183081 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0231565 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0084843 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
WCR No: WCR0292554 Decimal Lat(OSWCR): 38.6909 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915 Decimal Longitude: -120.76915 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
WCR No: WCR1981-000606 Decimal Lat(OSWCR): 38.6909 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915 Decimal Longitude: -120.76915 Location: City: DIAMOND SPRG County: El Dorado Location(OSWCR): City(OSWCR): DIAMOND SPRG County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
WCR No: WCR0160081 Decimal Lat(OSWCR): 38.6909 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915 Decimal Longitude: -120.76915 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Wells and Additional Sources Detail Report

40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
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WCR No:	WCR0328368	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
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WCR No:	WCR0022233	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
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WCR No:	WCR0238965	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
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Wells and Additional Sources Detail Report

WCR No: WCR0225214 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1983-001307 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City: DIAMOND SPRG
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): DIAMOND SPRG
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0138461 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR0093916	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0247090	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR1981-000607	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915
Decimal Longitude:	-120.76915		
Location:			
City:	DIAMOND SPRG		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	DIAMOND SPRG		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No:	WCR0084844	Decimal Lat(OSWCR):	38.6909
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915

Wells and Additional Sources Detail Report

Decimal Longitude: -120.76915
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1984-000813 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1984-000840 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0247089 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:

Wells and Additional Sources Detail Report

City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1981-000638
 Decimal Latitude: 38.6909
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1991-012322
 Decimal Latitude: 38.6909
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR0278374
 Decimal Latitude: 38.6909
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado

Wells and Additional Sources Detail Report

Location(OSWCR):

City(OSWCR): PLACERVILLE

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1982-002138

Decimal Lat(OSWCR): 38.6909

Decimal Latitude: 38.6909

Decim Long(OSWCR): -120.76915

Decimal Longitude: -120.76915

Location:

City: PLACERVILLE

County: El Dorado

Location(OSWCR):

City(OSWCR): PLACERVILLE

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1985-003547

Decimal Lat(OSWCR): 38.6909

Decimal Latitude: 38.6909

Decim Long(OSWCR): -120.76915

Decimal Longitude: -120.76915

Location:

City: PLACERVILLE

County: El Dorado

Location(OSWCR):

City(OSWCR): PLACERVILLE

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1985-003643

Decimal Lat(OSWCR): 38.6909

Decimal Latitude: 38.6909

Decim Long(OSWCR): -120.76915

Decimal Longitude: -120.76915

Location:

City: PLACERVILLE

County: El Dorado

Location(OSWCR):

City(OSWCR): PLACERVILLE

Wells and Additional Sources Detail Report

County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1994-000694 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City: CAMINO
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): CAMINO
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR1982-001022 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS

WCR No: WCR2005-007323 Decimal Lat(OSWCR): 38.6909
 Decimal Latitude: 38.6909 Decim Long(OSWCR): -120.76915
 Decimal Longitude: -120.76915
 Location: 4741 QUARRY CT
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 4741 QUARRY CT
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1984-001422</div> <div>Decimal Lat(OSWCR):</div> <div>38.6909</div> </div> <div> <div>Decimal Latitude:</div> <div>38.6909</div> <div>Decim Long(OSWCR):</div> <div>-120.76915</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.76915</div> </div> <div> <div>Location:</div> <div>City:</div> <div>PLACERVILLE</div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>City(OSWCR):</div> <div>PLACERVILLE</div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1984-000912</div> <div>Decimal Lat(OSWCR):</div> <div>38.6909</div> </div> <div> <div>Decimal Latitude:</div> <div>38.6909</div> <div>Decim Long(OSWCR):</div> <div>-120.76915</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.76915</div> </div> <div> <div>Location:</div> <div>City:</div> <div>PLACERVILLE</div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>City(OSWCR):</div> <div>PLACERVILLE</div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
<div> <div>WCR No:</div> <div>WCR0231568</div> <div>Decimal Lat(OSWCR):</div> <div>38.6909</div> </div> <div> <div>Decimal Latitude:</div> <div>38.6909</div> <div>Decim Long(OSWCR):</div> <div>-120.76915</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.76915</div> </div> <div> <div>Location:</div> <div>City:</div> <div></div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>City(OSWCR):</div> <div></div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
WCR No:	WCR0231566	Decimal Lat(OSWCR):	38.6909		
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915		
Decimal Longitude:	-120.76915				
Location:					
City:					
County:	El Dorado				
Location(OSWCR):					
City(OSWCR):					
County(OSWCR):	El Dorado				
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports				

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
WCR No:	WCR0084842	Decimal Lat(OSWCR):	38.6909		
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915		
Decimal Longitude:	-120.76915				
Location:					
City:					
County:	El Dorado				
Location(OSWCR):					
City(OSWCR):					
County(OSWCR):	El Dorado				
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports				

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,637.77	2,060.52	WATER WELLS
WCR No:	WCR1995-000349	Decimal Lat(OSWCR):	38.6909		
Decimal Latitude:	38.6909	Decim Long(OSWCR):	-120.76915		
Decimal Longitude:	-120.76915				
Location:	QUARRY CT				
City:	DIAMOND SPRINGS				
County:	El Dorado				
Location(OSWCR):	QUARRY CT				
City(OSWCR):	DIAMOND SPRINGS				
County(OSWCR):	El Dorado				
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports				

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

41	WSW	0.70	3,683.75	1,974.41	WATER WELLS
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WCR No:	WCR0222357	Decimal Lat(OSWCR):	38.6805994
Decimal Latitude:	38.6805994	Decim Long(OSWCR):	-120.78903737
Decimal Longitude:	-120.78903737		
Location:	DIAMOND SPRINGS		
City:			
County:	El Dorado		
Location(OSWCR):	DIAMOND SPRINGS		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	SSW	0.70	3,698.78	2,079.11	WATER WELLS

WCR No:	WCR1988-010675	Decimal Lat(OSWCR):	38.6730245
Decimal Latitude:	38.6730245	Decim Long(OSWCR):	-120.78037255
Decimal Longitude:	-120.78037255		
Location:	1540 BIG OAK RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1540 BIG OAK RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	WSW	0.70	3,709.07	1,931.90	WATER WELLS

WCR No:	WCR0328371	Decimal Lat(OSWCR):	38.67965163
Decimal Latitude:	38.67965163	Decim Long(OSWCR):	-120.78881237
Decimal Longitude:	-120.78881237		
Location:	DIAMOND SPRINGS		
City:			
County:	El Dorado		
Location(OSWCR):	DIAMOND SPRINGS		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	NNE	0.70	3,711.76	2,047.76	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1992-008264	Decimal Lat(OSWCR):	38.69157783
Decimal Latitude:	38.69157783	Decim Long(OSWCR):	-120.77004362
Decimal Longitude:	-120.77004362		
Location:	4800 WILLYE I MINE RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	4800 WILLYE I MINE RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No:	WCR0162947	Decimal Lat(OSWCR):	38.67701
Decimal Latitude:	38.67701	Decim Long(OSWCR):	-120.78721
Decimal Longitude:	-120.78721		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No:	WCR1985-003985	Decimal Lat(OSWCR):	38.67701
Decimal Latitude:	38.67701	Decim Long(OSWCR):	-120.78721
Decimal Longitude:	-120.78721		
Location:			
City:	DIAMOND SPRG		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	DIAMOND SPRG		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No:	WCR0084851	Decimal Lat(OSWCR):	38.67701
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Wells and Additional Sources Detail Report

Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0059992 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0250546 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0278386 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721

Wells and Additional Sources Detail Report

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR2003-007092

Decimal Lat(OSWCR): 38.67701

Decimal Latitude: 38.67701

Decim Long(OSWCR): -120.78721

Decimal Longitude: -120.78721

Location:

City: PLACERVILLE

County: El Dorado

Location(OSWCR):

City(OSWCR): PLACERVILLE

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0183084

Decimal Lat(OSWCR): 38.67701

Decimal Latitude: 38.67701

Decim Long(OSWCR): -120.78721

Decimal Longitude: -120.78721

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0148181

Decimal Lat(OSWCR): 38.67701

Decimal Latitude: 38.67701

Decim Long(OSWCR): -120.78721

Decimal Longitude: -120.78721

Location:

City:

Wells and Additional Sources Detail Report

County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0095509
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1980-004398
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City: DIAMOND SPRG
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): DIAMOND SPRG
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1985-003543
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City: DIAMOND SPRG
 County: El Dorado
 Location(OSWCR):

Wells and Additional Sources Detail Report

City(OSWCR): DIAMOND SPRG
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0148186
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR2008-003027
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location: 4954 OAK HILL RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 4954 OAK HILL RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1984-001268
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado

Wells and Additional Sources Detail Report

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1994-001618 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0175300 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0066254 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS
WCR No: WCR0001632 Decimal Lat(OSWCR): 38.67701 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721 Decimal Longitude: -120.78721 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS
WCR No: WCR1988-011566 Decimal Lat(OSWCR): 38.67701 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721 Decimal Longitude: -120.78721 Location: City: PLACERVILLE County: El Dorado Location(OSWCR): City(OSWCR): PLACERVILLE County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS
WCR No: WCR2002-008899 Decimal Lat(OSWCR): 38.67701 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721 Decimal Longitude: -120.78721 Location: City: PLACERVILLE County: El Dorado Location(OSWCR): City(OSWCR): PLACERVILLE County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Wells and Additional Sources Detail Report

45 SW 0.70 3,712.99 2,132.99 WATER WELLS

WCR No: WCR1988-010454 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key Direction Distance (mi) Distance (ft) Elevation (ft) DB

45 SW 0.70 3,712.99 2,132.99 WATER WELLS

WCR No: WCR0110965 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key Direction Distance (mi) Distance (ft) Elevation (ft) DB

45 SW 0.70 3,712.99 2,132.99 WATER WELLS

WCR No: WCR1985-004028 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key Direction Distance (mi) Distance (ft) Elevation (ft) DB

45 SW 0.70 3,712.99 2,132.99 WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0093392 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0247095 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1986-005076 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1988-010218	Decimal Lat(OSWCR):	38.67701
Decimal Latitude:	38.67701	Decim Long(OSWCR):	-120.78721
Decimal Longitude:	-120.78721		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No:	WCR1981-002888	Decimal Lat(OSWCR):	38.67701
Decimal Latitude:	38.67701	Decim Long(OSWCR):	-120.78721
Decimal Longitude:	-120.78721		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No:	WCR1986-002529	Decimal Lat(OSWCR):	38.67701
Decimal Latitude:	38.67701	Decim Long(OSWCR):	-120.78721
Decimal Longitude:	-120.78721		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No:	WCR0118743	Decimal Lat(OSWCR):	38.67701
Decimal Latitude:	38.67701	Decim Long(OSWCR):	-120.78721

Wells and Additional Sources Detail Report

Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0231573
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0328374
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR0247098
 Decimal Latitude: 38.67701
 Decimal Longitude: -120.78721
 Location:

Wells and Additional Sources Detail Report

City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1995-004881 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.70	3,712.99	2,132.99	WATER WELLS

WCR No: WCR1988-011520 Decimal Lat(OSWCR): 38.67701
 Decimal Latitude: 38.67701 Decim Long(OSWCR): -120.78721
 Decimal Longitude: -120.78721
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SW	0.70	3,722.22	2,146.03	WATER WELLS

WCR No: WCR1992-005106 Decimal Lat(OSWCR): 38.67541104
 Decimal Latitude: 38.67541104 Decim Long(OSWCR): -120.78555997
 Decimal Longitude: -120.78555997
 Location: 1417 BIG OAK RD
 City: Placerville
 County: El Dorado

Wells and Additional Sources Detail Report

Location(OSWCR):	1417 BIG OAK RD
City(OSWCR):	Placerville
County(OSWCR):	El Dorado
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	S	0.71	3,730.57	2,111.93	WATER WELLS

WCR No:	WCR0022243	Decimal Lat(OSWCR):	38.67266452
Decimal Latitude:	38.67266452	Decim Long(OSWCR):	-120.77906472
Decimal Longitude:	-120.77906472		
Location:	1544 BIG OAK RD		
City:			
County:	El Dorado		
Location(OSWCR):	1544 BIG OAK RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	ESE	0.72	3,799.93	2,206.24	WATER WELLS

WCR No:	WCR2004-001438	Decimal Lat(OSWCR):	38.6772219
Decimal Latitude:	38.6772219	Decim Long(OSWCR):	-120.76508207
Decimal Longitude:	-120.76508207		
Location:	4675 SCOTCH PINE LN		
City:			
County:	El Dorado		
Location(OSWCR):	4675 SCOTCH PINE LN		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SW	0.72	3,816.06	2,143.96	WATER WELLS

WCR No:	WCR2001-003654	Decimal Lat(OSWCR):	38.6754211
Decimal Latitude:	38.6754211	Decim Long(OSWCR):	-120.78603512
Decimal Longitude:	-120.78603512		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		

Wells and Additional Sources Detail Report

County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	ENE	0.73	3,840.59	2,128.55	WATER WELLS

WCR No: WCR1989-009410 Decimal Lat(OSWCR): 38.68821253
 Decimal Latitude: 38.68821253 Decim Long(OSWCR): -120.76495043
 Decimal Longitude: -120.76495043
 Location: 4805 QUARRY CT
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4805 QUARRY CT
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SE	0.73	3,849.14	2,196.79	WATER WELLS

WCR No: WCR2003-003828 Decimal Lat(OSWCR): 38.67624107
 Decimal Latitude: 38.67624107 Decim Long(OSWCR): -120.76573724
 Decimal Longitude: -120.76573724
 Location: PLACERVILLE
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): PLACERVILLE
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	S	0.73	3,852.07	2,166.27	WATER WELLS

WCR No: WCR2013-000710 Decimal Lat(OSWCR): 38.6722222
 Decimal Latitude: 38.6722222 Decim Long(OSWCR): -120.7744444
 Decimal Longitude: -120.7744444
 Location: 1700 TWITCHELL RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 1700 TWITCHELL RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	S	0.73	3,852.07	2,164.43	WATER WELLS

WCR No: WCR1984-000929 Decimal Lat(OSWCR): 38.67224121
 Decimal Latitude: 38.67224121 Decim Long(OSWCR): -120.77443669
 Decimal Longitude: -120.77443669
 Location: 1700 TWITCHELL RD
 City:
 County: El Dorado
 Location(OSWCR): 1700 TWITCHELL RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SSW	0.73	3,870.17	2,123.01	WATER WELLS

WCR No: WCR2005-002560 Decimal Lat(OSWCR): 38.67292591
 Decimal Latitude: 38.67292591 Decim Long(OSWCR): -120.78174925
 Decimal Longitude: -120.78174925
 Location: 1500 BIG OAK RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1500 BIG OAK RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SW	0.73	3,878.62	2,141.54	WATER WELLS

WCR No: WCR1996-002191 Decimal Lat(OSWCR): 38.67575037
 Decimal Latitude: 38.67575037 Decim Long(OSWCR): -120.78671401
 Decimal Longitude: -120.78671401
 Location: 1397 BIG OAK RD
 City:
 County: El Dorado
 Location(OSWCR): 1397 BIG OAK RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SW	0.73	3,878.62	2,141.54	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1996-002192</div> <div>Decimal Lat(OSWCR):</div> <div>38.67575037</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67575037</div> <div>Decim Long(OSWCR):</div> <div>-120.78671401</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78671401</div> </div> <div> <div>Location:</div> <div>1397 BIG OAK RD</div> </div> <div> <div>City:</div> <div></div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>1397 BIG OAK RD</div> </div> <div> <div>City(OSWCR):</div> <div></div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SSW	0.74	3,895.56	2,142.62	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1988-008934</div> <div>Decimal Lat(OSWCR):</div> <div>38.67346298</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67346298</div> <div>Decim Long(OSWCR):</div> <div>-120.78330532</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78330532</div> </div> <div> <div>Location:</div> <div>1460 BIG OAK RD</div> </div> <div> <div>City:</div> <div>Placerville</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>1460 BIG OAK RD</div> </div> <div> <div>City(OSWCR):</div> <div>Placerville</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	WSW	0.75	3,937.29	1,882.32	WATER WELLS
<div> <div>WCR No:</div> <div>WCR1986-005638</div> <div>Decimal Lat(OSWCR):</div> <div>38.67883826</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67883826</div> <div>Decim Long(OSWCR):</div> <div>-120.78929795</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78929795</div> </div> <div> <div>Location:</div> <div></div> </div> <div> <div>City:</div> <div>DIAMOND SPRG</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div></div> </div> <div> <div>City(OSWCR):</div> <div>DIAMOND SPRG</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

57	SSW	0.75	3,945.50	2,130.75	WATER WELLS
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WCR No:	WCR1988-008892	Decimal Lat(OSWCR):	38.67300084
Decimal Latitude:	38.67300084	Decim Long(OSWCR):	-120.78258334
Decimal Longitude:	-120.78258334		
Location:	1480 BIG OAK RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1480 BIG OAK RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	NE	0.75	3,949.59	2,062.98	WATER WELLS

WCR No:	WCR2022-000967	Decimal Lat(OSWCR):	38.689947
Decimal Latitude:	38.689947	Decim Long(OSWCR):	-120.7661292
Decimal Longitude:	-120.7661292		
Location:	1780 ROCKWOOD RD		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	1780 ROCKWOOD RD		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SW	0.76	3,994.97	2,130.26	WATER WELLS

WCR No:	WCR2001-005565	Decimal Lat(OSWCR):	38.67519152
Decimal Latitude:	38.67519152	Decim Long(OSWCR):	-120.78662129
Decimal Longitude:	-120.78662129		
Location:	1387 BIG OAK RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1387 BIG OAK RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SW	0.76	3,994.97	2,130.26	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1990-009365	Decimal Lat(OSWCR):	38.67519152
Decimal Latitude:	38.67519152	Decim Long(OSWCR):	-120.78662129
Decimal Longitude:	-120.78662129		
Location:	1387 BIG OAK RD		
City:	Camino		
County:	El Dorado		
Location(OSWCR):	1387 BIG OAK RD		
City(OSWCR):	Camino		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SW	0.76	3,994.97	2,130.26	WATER WELLS

WCR No:	WCR0180117	Decimal Lat(OSWCR):	38.67519152
Decimal Latitude:	38.67519152	Decim Long(OSWCR):	-120.78662129
Decimal Longitude:	-120.78662129		
Location:	1387 BIG OAK RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1387 BIG OAK RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	S	0.76	4,038.18	2,113.31	WATER WELLS

WCR No:	WCR1997-004633	Decimal Lat(OSWCR):	38.67160793
Decimal Latitude:	38.67160793	Decim Long(OSWCR):	-120.7762282
Decimal Longitude:	-120.7762282		
Location:	4910 OAK HILL RD		
City:			
County:	El Dorado		
Location(OSWCR):	4910 OAK HILL RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	NW	0.77	4,044.42	1,873.66	WATER WELLS

WCR No:	WCR1994-005513	Decimal Lat(OSWCR):	38.69033632
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Wells and Additional Sources Detail Report

Decimal Latitude:	38.69033632	Decim Long(OSWCR):	-120.78669221
Decimal Longitude:	-120.78669221		
Location:	1251 PLEASANT VALLEY RD		
City:			
County:	El Dorado		
Location(OSWCR):	1251 PLEASANT VALLEY RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	NNE	0.77	4,064.99	2,029.47	WATER WELLS

WCR No:	WCR1990-004324	Decimal Lat(OSWCR):	38.69273046
Decimal Latitude:	38.69273046	Decim Long(OSWCR):	-120.77018585
Decimal Longitude:	-120.77018585		
Location:	4781 WILLYE I MINE RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	4781 WILLYE I MINE RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.77	4,075.12	2,087.65	WATER WELLS

WCR No:	WCR1988-011200	Decimal Lat(OSWCR):	38.69115916
Decimal Latitude:	38.69115916	Decim Long(OSWCR):	-120.76707995
Decimal Longitude:	-120.76707995		
Location:	1794 QUARRY RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1794 QUARRY RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	N	0.78	4,139.30	1,944.93	WATER WELLS

WCR No:	WCR2003-001879	Decimal Lat(OSWCR):	38.69398094
Decimal Latitude:	38.69398094	Decim Long(OSWCR):	-120.77472145
Decimal Longitude:	-120.77472145		

Wells and Additional Sources Detail Report

Location: 4625 NORTHBEND RD
City: Placerville
County: El Dorado
Location(OSWCR): 4625 NORTHBEND RD
City(OSWCR): Placerville
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	NNE	0.79	4,189.94	2,005.49	WATER WELLS

WCR No: WCR2007-002262
Decimal Latitude: 38.69359821
Decimal Longitude: -120.77173783
Location: 4767 WILLYE I MINE RD
City:
County: El Dorado
Location(OSWCR): 4767 WILLYE I MINE RD
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	NNE	0.79	4,189.94	2,005.49	WATER WELLS

WCR No: WCR2007-002263
Decimal Latitude: 38.69359821
Decimal Longitude: -120.77173783
Location: 4767 WILLYE I MINE RD
City:
County: El Dorado
Location(OSWCR): 4767 WILLYE I MINE RD
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	E	0.80	4,237.75	2,068.24	WATER WELLS

WCR No: WCR2004-006342
Decimal Latitude: 38.68303147
Decimal Longitude: -120.76157646
Location: PRETTY GOOD RD
City: PLACERVILLE

Wells and Additional Sources Detail Report

County: El Dorado
 Location(OSWCR): PRETTY GOOD RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	E	0.80	4,237.75	2,068.24	WATER WELLS

WCR No: WCR0255933
 Decimal Latitude: 38.68303147
 Decimal Longitude: -120.76157646
 Location: 0 PRETTY GOOD RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 0 PRETTY GOOD RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.81	4,272.05	1,856.11	WATER WELLS

WCR No: WCR1998-000291
 Decimal Latitude: 38.69194992
 Decimal Longitude: -120.78560565
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	SE	0.81	4,277.02	2,218.72	WATER WELLS

WCR No: WCR0284214
 Decimal Latitude: 38.67394636
 Decimal Longitude: -120.76642013
 Location: 0 SCOTCH PINE LN
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 0 SCOTCH PINE LN

Wells and Additional Sources Detail Report

City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	ENE	0.81	4,296.39	2,079.90	WATER WELLS

WCR No: WCR1988-008413 Decimal Lat(OSWCR): 38.6886212
 Decimal Latitude: 38.6886212 Decim Long(OSWCR): -120.76340211
 Decimal Longitude: -120.76340211
 Location: 4755 QUARRY CT
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4755 QUARRY CT
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	ESE	0.82	4,310.66	2,232.77	WATER WELLS

WCR No: WCR1989-004405 Decimal Lat(OSWCR): 38.6783167
 Decimal Latitude: 38.6783167 Decim Long(OSWCR): -120.762386
 Decimal Longitude: -120.762386
 Location: 5365 WESTLEY RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 5365 WESTLEY RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	WSW	0.82	4,317.53	1,882.61	WATER WELLS

WCR No: WCR1988-008057 Decimal Lat(OSWCR): 38.68062273
 Decimal Latitude: 38.68062273 Decim Long(OSWCR): -120.79130442
 Decimal Longitude: -120.79130442
 Location: 4670 KNOTTINGHAM RD
 City: Diamond Springs
 County: El Dorado
 Location(OSWCR): 4670 KNOTTINGHAM RD
 City(OSWCR): Diamond Springs
 County(OSWCR): El Dorado

Wells and Additional Sources Detail Report

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	WSW	0.82	4,317.53	1,882.61	WATER WELLS

WCR No: WCR2004-002834 Decimal Lat(OSWCR): 38.68062273
 Decimal Latitude: 38.68062273 Decim Long(OSWCR): -120.79130442
 Decimal Longitude: -120.79130442
 Location: 4670 KNOTTINGHAM RD
 City: Diamond Springs
 County: El Dorado
 Location(OSWCR): 4670 KNOTTINGHAM RD
 City(OSWCR): Diamond Springs
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	ENE	0.83	4,400.27	2,029.47	WATER WELLS

WCR No: WCR1989-008608 Decimal Lat(OSWCR): 38.68507489
 Decimal Latitude: 38.68507489 Decim Long(OSWCR): -120.76130303
 Decimal Longitude: -120.76130303
 Location: 4575 PRETTY GOOD RD
 City:
 County: El Dorado
 Location(OSWCR): 4575 PRETTY GOOD RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	ESE	0.84	4,409.92	2,224.11	WATER WELLS

WCR No: WCR1988-009656 Decimal Lat(OSWCR): 38.67647267
 Decimal Latitude: 38.67647267 Decim Long(OSWCR): -120.76316293
 Decimal Longitude: -120.76316293
 Location: 4650 PEACE TRL
 City:
 County: El Dorado
 Location(OSWCR): 4650 PEACE TRL
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS
WCR No: WCR0110963 Decimal Lat(OSWCR): 38.69129 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733 Decimal Longitude: -120.78733 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS
WCR No: WCR1980-001968 Decimal Lat(OSWCR): 38.69129 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733 Decimal Longitude: -120.78733 Location: City: DIAMOND SPRG County: El Dorado Location(OSWCR): City(OSWCR): DIAMOND SPRG County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS
WCR No: WCR0319301 Decimal Lat(OSWCR): 38.69129 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733 Decimal Longitude: -120.78733 Location: City: County: El Dorado Location(OSWCR): City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Wells and Additional Sources Detail Report

74	NW	0.84	4,417.38	1,845.99	WATER WELLS
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WCR No:	WCR0328369	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733
Decimal Longitude:	-120.78733		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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74	NW	0.84	4,417.38	1,845.99	WATER WELLS
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WCR No:	WCR0319302	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733
Decimal Longitude:	-120.78733		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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74	NW	0.84	4,417.38	1,845.99	WATER WELLS
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WCR No:	WCR1980-001960	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733
Decimal Longitude:	-120.78733		
Location:			
City:	PLEASANT VAL		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLEASANT VAL		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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74	NW	0.84	4,417.38	1,845.99	WATER WELLS
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Wells and Additional Sources Detail Report

WCR No: WCR0076694 Decimal Lat(OSWCR): 38.69129
 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0035002 Decimal Lat(OSWCR): 38.69129
 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0250543 Decimal Lat(OSWCR): 38.69129
 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR0328124	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733
Decimal Longitude:	-120.78733		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No:	WCR0328370	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733
Decimal Longitude:	-120.78733		
Location:			
City:			
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No:	WCR0258515	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733
Decimal Longitude:	-120.78733		
Location:	BIG CUT RD		
City:			
County:	El Dorado		
Location(OSWCR):	BIG CUT RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No:	WCR1991-001623	Decimal Lat(OSWCR):	38.69129
Decimal Latitude:	38.69129	Decim Long(OSWCR):	-120.78733

Wells and Additional Sources Detail Report

Decimal Longitude: -120.78733
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0247091
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location: DIAMOND SPRINGS
 City:
 County: El Dorado
 Location(OSWCR): DIAMOND SPRINGS
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0175297
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0250544
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location: SEE BELOW

Wells and Additional Sources Detail Report

City:
 County: El Dorado
 Location(OSWCR): SEE BELOW
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0076695
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR1986-005555
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location:
 City: DIAMOND SPRG
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): DIAMOND SPRG
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0033707
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado

Wells and Additional Sources Detail Report

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0258514

Decimal Lat(OSWCR): 38.69129

Decimal Latitude: 38.69129

Decim Long(OSWCR): -120.78733

Decimal Longitude: -120.78733

Location:

City:

County: El Dorado

Location(OSWCR):

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0093917

Decimal Lat(OSWCR): 38.69129

Decimal Latitude: 38.69129

Decim Long(OSWCR): -120.78733

Decimal Longitude: -120.78733

Location: AT ABOVE ADDRESS

City:

County: El Dorado

Location(OSWCR): AT ABOVE ADDRESS

City(OSWCR):

County(OSWCR): El Dorado

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0209396

Decimal Lat(OSWCR): 38.69129

Decimal Latitude: 38.69129

Decim Long(OSWCR): -120.78733

Decimal Longitude: -120.78733

Location: SEE BELOW

City:

County: El Dorado

Location(OSWCR): SEE BELOW

City(OSWCR):

Wells and Additional Sources Detail Report

County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR0247281
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location:
 City:
 County: El Dorado
 Location(OSWCR):
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR1991-001624
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location:
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR):
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS

WCR No: WCR1998-000731
 Decimal Latitude: 38.69129
 Decimal Longitude: -120.78733
 Location: 4483 BIG CUT RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 4483 BIG CUT RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	NW	0.84	4,417.38	1,845.99	WATER WELLS
WCR No: WCR1985-001088 Decimal Lat(OSWCR): 38.69129 Decimal Latitude: 38.69129 Decim Long(OSWCR): -120.78733 Decimal Longitude: -120.78733 Location: City: PLACERVILLE County: El Dorado Location(OSWCR): City(OSWCR): PLACERVILLE County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	NE	0.84	4,446.70	2,095.66	WATER WELLS
WCR No: WCR2006-001041 Decimal Lat(OSWCR): 38.69100608 Decimal Latitude: 38.69100608 Decim Long(OSWCR): -120.7650052 Decimal Longitude: -120.7650052 Location: 1850 QUARRY RD City: County: El Dorado Location(OSWCR): 1850 QUARRY RD City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	E	0.84	4,452.10	2,031.47	WATER WELLS
WCR No: WCR1990-009516 Decimal Lat(OSWCR): 38.68166386 Decimal Latitude: 38.68166386 Decim Long(OSWCR): -120.76087502 Decimal Longitude: -120.76087502 Location: 5265 WESTLEY RD City: Placerville County: El Dorado Location(OSWCR): 5265 WESTLEY RD City(OSWCR): Placerville County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	SW	0.84	4,456.96	2,089.26	WATER WELLS
<div> <div>WCR No:</div> <div>WCR0001628</div> <div>Decimal Lat(OSWCR):</div> <div>38.67562329</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67562329</div> <div>Decim Long(OSWCR):</div> <div>-120.78915505</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78915505</div> </div> <div> <div>Location:</div> <div>1351 BIG OAK RD</div> </div> <div> <div>City:</div> <div>Placerville</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>1351 BIG OAK RD</div> </div> <div> <div>City(OSWCR):</div> <div>Placerville</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	SW	0.84	4,456.96	2,089.26	WATER WELLS
<div> <div>WCR No:</div> <div>WCR0147282</div> <div>Decimal Lat(OSWCR):</div> <div>38.67562329</div> </div> <div> <div>Decimal Latitude:</div> <div>38.67562329</div> <div>Decim Long(OSWCR):</div> <div>-120.78915505</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.78915505</div> </div> <div> <div>Location:</div> <div>1351 BIG OAK RD</div> </div> <div> <div>City:</div> <div>Placerville</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>1351 BIG OAK RD</div> </div> <div> <div>City(OSWCR):</div> <div>Placerville</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	NE	0.85	4,473.92	2,094.69	WATER WELLS
<div> <div>WCR No:</div> <div>WCR2007-000905</div> <div>Decimal Lat(OSWCR):</div> <div>38.69111111</div> </div> <div> <div>Decimal Latitude:</div> <div>38.69111111</div> <div>Decim Long(OSWCR):</div> <div>-120.765</div> </div> <div> <div>Decimal Longitude:</div> <div>-120.765</div> </div> <div> <div>Location:</div> <div>QUARRY RD</div> </div> <div> <div>City:</div> <div>PLACERVILLE</div> </div> <div> <div>County:</div> <div>El Dorado</div> </div> <div> <div>Location(OSWCR):</div> <div>QUARRY RD</div> </div> <div> <div>City(OSWCR):</div> <div>PLACERVILLE</div> </div> <div> <div>County(OSWCR):</div> <div>El Dorado</div> </div> <div> <div>Original Source:</div> <div>California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports</div> </div>					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

79	SW	0.85	4,508.48	2,225.31	WATER WELLS
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WCR No:	WCR1988-011295	Decimal Lat(OSWCR):	38.67264609
Decimal Latitude:	38.67264609	Decim Long(OSWCR):	-120.78563628
Decimal Longitude:	-120.78563628		
Location:	1400 BIG OAK RD		
City:			
County:	El Dorado		
Location(OSWCR):	1400 BIG OAK RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	SW	0.85	4,508.48	2,225.31	WATER WELLS

WCR No:	WCR2003-001874	Decimal Lat(OSWCR):	38.67264609
Decimal Latitude:	38.67264609	Decim Long(OSWCR):	-120.78563628
Decimal Longitude:	-120.78563628		
Location:	1400 BIG OAK RD		
City:			
County:	El Dorado		
Location(OSWCR):	1400 BIG OAK RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	SW	0.85	4,508.48	2,225.31	WATER WELLS

WCR No:	WCR2003-001873	Decimal Lat(OSWCR):	38.67264609
Decimal Latitude:	38.67264609	Decim Long(OSWCR):	-120.78563628
Decimal Longitude:	-120.78563628		
Location:	1400 BIG OAK RD		
City:			
County:	El Dorado		
Location(OSWCR):	1400 BIG OAK RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	SW	0.85	4,508.48	2,225.31	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1988-010225	Decimal Lat(OSWCR):	38.67264609
Decimal Latitude:	38.67264609	Decim Long(OSWCR):	-120.78563628
Decimal Longitude:	-120.78563628		
Location:	1400 BIG OAK RD		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	1400 BIG OAK RD		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	SSE	0.86	4,521.06	2,188.50	WATER WELLS

WCR No:	WCR1992-005023	Decimal Lat(OSWCR):	38.67136597
Decimal Latitude:	38.67136597	Decim Long(OSWCR):	-120.76994022
Decimal Longitude:	-120.76994022		
Location:	4901 DOWELL LN		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	4901 DOWELL LN		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SE	0.86	4,526.71	2,246.97	WATER WELLS

WCR No:	WCR2003-003814	Decimal Lat(OSWCR):	38.6739458
Decimal Latitude:	38.6739458	Decim Long(OSWCR):	-120.76515219
Decimal Longitude:	-120.76515219		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	WNW	0.86	4,546.23	1,865.40	WATER WELLS

WCR No:	WCR1992-010214	Decimal Lat(OSWCR):	38.68644255
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Wells and Additional Sources Detail Report

Decimal Latitude:	38.68644255	Decim Long(OSWCR):	-120.79160367
Decimal Longitude:	-120.79160367		
Location:	4671 RINGOLD RD		
City:			
County:	El Dorado		
Location(OSWCR):	4671 RINGOLD RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NE	0.87	4,592.22	2,074.79	WATER WELLS

WCR No:	WCR1991-002099	Decimal Lat(OSWCR):	38.68972402
Decimal Latitude:	38.68972402	Decim Long(OSWCR):	-120.76306052
Decimal Longitude:	-120.76306052		
Location:	4741 QUARRY CT		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	4741 QUARRY CT		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	SW	0.87	4,592.97	2,036.94	WATER WELLS

WCR No:	WCR1999-004849	Decimal Lat(OSWCR):	38.67487752
Decimal Latitude:	38.67487752	Decim Long(OSWCR):	-120.78903796
Decimal Longitude:	-120.78903796		
Location:	1325 BIG OAK RD		
City:			
County:	El Dorado		
Location(OSWCR):	1325 BIG OAK RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	SW	0.87	4,592.97	2,036.94	WATER WELLS

WCR No:	WCR1990-009288	Decimal Lat(OSWCR):	38.67487752
Decimal Latitude:	38.67487752	Decim Long(OSWCR):	-120.78903796
Decimal Longitude:	-120.78903796		

Wells and Additional Sources Detail Report

Location: 1325 BIG OAK RD
City:
County: El Dorado
Location(OSWCR): 1325 BIG OAK RD
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	WSW	0.87	4,601.32	1,835.09	WATER WELLS

WCR No: WCR1990-013299
Decimal Latitude: 38.67924968
Decimal Longitude: -120.79192039
Location: 4861 KNOTTINGHAM RD
City: Placerville
County: El Dorado
Location(OSWCR): 4861 KNOTTINGHAM RD
City(OSWCR): Placerville
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	SW	0.88	4,640.84	2,090.97	WATER WELLS

WCR No: WCR1989-007384
Decimal Latitude: 38.67421942
Decimal Longitude: -120.78855222
Location: 1420 Big Oak Rd
City:
County: El Dorado
Location(OSWCR): 1420 Big Oak Rd
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	E	0.88	4,652.66	2,062.01	WATER WELLS

WCR No: WCR1984-000367
Decimal Latitude: 38.68076291
Decimal Longitude: -120.76030444
Location: 5271 WESTLEY RD
City:

Wells and Additional Sources Detail Report

County: El Dorado
 Location(OSWCR): 5271 WESTLEY RD
 City(OSWCR):
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	WNW	0.89	4,682.95	1,855.66	WATER WELLS

WCR No: WCR1999-003348
 Decimal Latitude: 38.68701728
 Decimal Longitude: -120.79186261
 Location: 4670 RINGOLD RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4670 RINGOLD RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	WNW	0.89	4,682.95	1,855.66	WATER WELLS

WCR No: WCR1999-003347
 Decimal Latitude: 38.68701728
 Decimal Longitude: -120.79186261
 Location: 4670 RINGOLD RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4670 RINGOLD RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	W	0.90	4,746.61	1,819.88	WATER WELLS

WCR No: WCR1985-003368
 Decimal Latitude: 38.68478318
 Decimal Longitude: -120.79282548
 Location: 4750 RINGOLD RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4750 RINGOLD RD

Wells and Additional Sources Detail Report

City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	ESE	0.91	4,779.46	2,245.35	WATER WELLS

WCR No: WCR2013-000157 Decimal Lat(OSWCR): 38.67812978
 Decimal Latitude: 38.67812978 Decim Long(OSWCR): -120.7607186
 Decimal Longitude: -120.7607186
 Location: 5376 LORDS MINE TRL
 City: Placerville
 County: El Dorado
 Location(OSWCR): 5376 LORDS MINE TRL
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	SW	0.91	4,806.25	2,111.23	WATER WELLS

WCR No: WCR1997-005315 Decimal Lat(OSWCR): 38.6736234
 Decimal Latitude: 38.6736234 Decim Long(OSWCR): -120.78864051
 Decimal Longitude: -120.78864051
 Location: 1320 BIG OAK RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 1320 BIG OAK RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	N	0.91	4,821.99	1,971.51	WATER WELLS

WCR No: WCR2009-000570 Decimal Lat(OSWCR): 38.69567827
 Decimal Latitude: 38.69567827 Decim Long(OSWCR): -120.7731165
 Decimal Longitude: -120.7731165
 Location: 4540 VINTAGE LN
 City:
 County: El Dorado
 Location(OSWCR): 4540 VINTAGE LN
 City(OSWCR):
 County(OSWCR): El Dorado

Wells and Additional Sources Detail Report

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	N	0.91	4,821.99	1,971.51	WATER WELLS

WCR No: WCR1984-003551 Decimal Lat(OSWCR): 38.69567827
 Decimal Latitude: 38.69567827 Decim Long(OSWCR): -120.7731165
 Decimal Longitude: -120.7731165
 Location: 4540 VINTAGE LN
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4540 VINTAGE LN
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SSW	0.92	4,844.57	2,114.55	WATER WELLS

WCR No: WCR2015-007384 Decimal Lat(OSWCR): 38.670278
 Decimal Latitude: 38.670278 Decim Long(OSWCR): -120.7825
 Decimal Longitude: -120.7825
 Location: 3800 COTTON TAIL RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 3800 COTTON TAIL RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	N	0.92	4,846.92	1,923.63	WATER WELLS

WCR No: WCR1995-004895 Decimal Lat(OSWCR): 38.69593918
 Decimal Latitude: 38.69593918 Decim Long(OSWCR): -120.77477365
 Decimal Longitude: -120.77477365
 Location: 4581 NORTHBEND RD
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4581 NORTHBEND RD
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	SSW	0.92	4,861.11	2,105.44	WATER WELLS
WCR No: WCR1994-000747 Decimal Lat(OSWCR): 38.67030144 Decimal Latitude: 38.67030144 Decim Long(OSWCR): -120.78273498 Decimal Longitude: -120.78273498 Location: 3800 COTTONTAIL RD City: Placerville County: El Dorado Location(OSWCR): 3800 COTTONTAIL RD City(OSWCR): Placerville County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
96	W	0.92	4,861.76	1,790.63	WATER WELLS
WCR No: WCR1990-002926 Decimal Lat(OSWCR): 38.68370955 Decimal Latitude: 38.68370955 Decim Long(OSWCR): -120.79339436 Decimal Longitude: -120.79339436 Location: 4772 RINGOLD RD City: County: El Dorado Location(OSWCR): 4772 RINGOLD RD City(OSWCR): County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
97	E	0.92	4,877.99	2,113.86	WATER WELLS
WCR No: WCR1991-003120 Decimal Lat(OSWCR): 38.68278893 Decimal Latitude: 38.68278893 Decim Long(OSWCR): -120.7593281 Decimal Longitude: -120.7593281 Location: 4633 PRETTY GOOD RD City: Placerville County: El Dorado Location(OSWCR): 4633 PRETTY GOOD RD City(OSWCR): Placerville County(OSWCR): El Dorado Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports					

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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Wells and Additional Sources Detail Report

98	E	0.93	4,928.92	2,040.01	WATER WELLS
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WCR No:	WCR1990-009246	Decimal Lat(OSWCR):	38.68095566
Decimal Latitude:	38.68095566	Decim Long(OSWCR):	-120.75929253
Decimal Longitude:	-120.75929253		
Location:	4640 PRETTY GOOD RD		
City:			
County:	El Dorado		
Location(OSWCR):	4640 PRETTY GOOD RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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99	SSE	0.95	4,999.99	2,122.25	WATER WELLS
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WCR No:	WCR1988-009531	Decimal Lat(OSWCR):	38.66934153
Decimal Latitude:	38.66934153	Decim Long(OSWCR):	-120.7723475
Decimal Longitude:	-120.7723475		
Location:	4861 SQUAW HOLLOW CT		
City:	Placerville		
County:	El Dorado		
Location(OSWCR):	4861 SQUAW HOLLOW CT		
City(OSWCR):	Placerville		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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100	ESE	0.95	5,018.83	2,121.87	WATER WELLS
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WCR No:	WCR2002-000310	Decimal Lat(OSWCR):	38.6793546
Decimal Latitude:	38.6793546	Decim Long(OSWCR):	-120.75935878
Decimal Longitude:	-120.75935878		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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101	NNE	0.95	5,040.20	1,989.58	WATER WELLS
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Wells and Additional Sources Detail Report

WCR No:	WCR2019-006929	Decimal Lat(OSWCR):	38.6956843
Decimal Latitude:	38.6956843	Decim Long(OSWCR):	-120.7703291
Decimal Longitude:	-120.7703291		
Location:	4561 VINTAGE		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	4561 VINTAGE		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	ENE	0.96	5,070.07	2,070.30	WATER WELLS

WCR No:	WCR2017-012317	Decimal Lat(OSWCR):	
Decimal Latitude:		Decim Long(OSWCR):	
Decimal Longitude:			
Location:	4885 CHINA CAMP RD		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	4885 CHINA CAMP RD		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	E	0.96	5,071.38	2,039.17	WATER WELLS

WCR No:	WCR1987-003907	Decimal Lat(OSWCR):	38.68456666
Decimal Latitude:	38.68456666	Decim Long(OSWCR):	-120.75881143
Decimal Longitude:	-120.75881143		
Location:			
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):			
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	NE	0.97	5,110.92	2,112.21	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1985-004041	Decimal Lat(OSWCR):	38.69415879
Decimal Latitude:	38.69415879	Decim Long(OSWCR):	-120.76609089
Decimal Longitude:	-120.76609089		
Location:	1695 QUARRY RD		
City:			
County:	El Dorado		
Location(OSWCR):	1695 QUARRY RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	SSW	0.97	5,135.53	2,320.80	WATER WELLS

WCR No:	WCR1984-003070	Decimal Lat(OSWCR):	38.66902774
Decimal Latitude:	38.66902774	Decim Long(OSWCR):	-120.78084037
Decimal Longitude:	-120.78084037		
Location:	3700 COTTONTAIL RD		
City:	PLACERVILLE		
County:	El Dorado		
Location(OSWCR):	3700 COTTONTAIL RD		
City(OSWCR):	PLACERVILLE		
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
106	SW	0.98	5,172.06	2,106.96	WATER WELLS

WCR No:	WCR1991-003216	Decimal Lat(OSWCR):	38.67204406
Decimal Latitude:	38.67204406	Decim Long(OSWCR):	-120.78839634
Decimal Longitude:	-120.78839634		
Location:	1201 SUN RIDGE RD		
City:			
County:	El Dorado		
Location(OSWCR):	1201 SUN RIDGE RD		
City(OSWCR):			
County(OSWCR):	El Dorado		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
107	SE	0.98	5,173.56	2,127.07	WATER WELLS

WCR No:	WCR2021-009906	Decimal Lat(OSWCR):	38.6708509
Decimal Latitude:	38.6708509	Decim Long(OSWCR):	-120.7664097

Wells and Additional Sources Detail Report

Decimal Longitude: -120.7664097
 Location: 1945 TWITCHELL RD
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): 1945 TWITCHELL RD
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	N	0.98	5,176.80	1,896.23	WATER WELLS

WCR No: WCR1986-004944
 Decimal Latitude: 38.69683439
 Decimal Longitude: -120.77824642
 Location: 4550 WASHBOARD LN
 City: Placerville
 County: El Dorado
 Location(OSWCR): 4550 WASHBOARD LN
 City(OSWCR): Placerville
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
109	W	0.99	5,223.90	1,740.32	WATER WELLS

WCR No: WCR1985-003548
 Decimal Latitude: 38.68446084
 Decimal Longitude: -120.79457296
 Location: PLACERVILLE
 City: PLACERVILLE
 County: El Dorado
 Location(OSWCR): PLACERVILLE
 City(OSWCR): PLACERVILLE
 County(OSWCR): El Dorado
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
110	WSW	0.99	5,226.79	1,923.17	WATER WELLS

WCR No: WCR0148187
 Decimal Latitude: 38.67533927
 Decimal Longitude: -120.79213415
 Location: ON BIG OAK RD ACROSS FROM BOB MATHEWS

Wells and Additional Sources Detail Report

City:
County: El Dorado
Location(OSWCR): ON BIG OAK RD ACROSS FROM BOB MATHEWS
City(OSWCR):
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	ENE	1.00	5,256.42	2,061.10	WATER WELLS

WCR No: WCR2000-001326
Decimal Latitude: 38.68634596
Decimal Longitude: -120.75860091
Location: 4871 CHINA CAMP DR
City: Placerville
County: El Dorado
Location(OSWCR): 4871 CHINA CAMP DR
City(OSWCR): Placerville
County(OSWCR): El Dorado
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *EL DORADO* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *EL DORADO* County

No Measures/Homes:	34
Geometric Mean:	0.7
Arithmetic Mean:	1.3
Median:	0.9
Standard Deviation:	1.6
Maximum:	5.7
% >4 pCi/L:	9
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS

FED USGS

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Appendix

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types:
Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells

OGW

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of Oil, Gas and Geothermal Resources.

Periodic Groundwater Level Measurement Locations

MONITOR WELLS

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

Well Completion Reports

WATER WELLS

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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Appendix **D**

Historical Information



HISTORICAL AERIALS

Project Property: Diamond Springs US-CA-7310

1550 Pleasant Valley Road
Placerville CA 95667

Project No: VBBTS_096 Diamond Springs US-CA-7310

Requested By: Lotis Environmental

Order No: 23010400317

Date Completed: January 06,2023

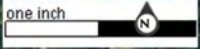
Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1993	United States Geological Survey	1" = 500'	
1984	United States Geological Survey	1" = 500'	
1975	United States Geological Survey	1" = 500'	Best Copy Available
1962	Cartwright Aerial Surveys	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	
1946	United States Geological Survey	1" = 500'	



**Subject
Property**



Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



**Subject
Property**



Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



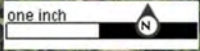
**Subject
Property**



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



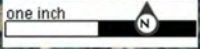
**Subject
Property**



Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



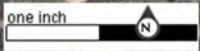
**Subject
Property**



Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



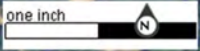
**Subject
Property**



Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



**Subject
Property**



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



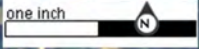
**Subject
Property**



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



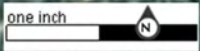
**Subject
Property**



Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



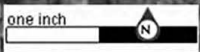
**Subject
Property**



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



**Subject
Property**



Year: 1993
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



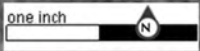
**Subject
Property**



Year: 1984
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



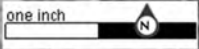
**Subject
Property**



Year: 1975
Source: USGS
Scale: 1" = 500'
Comment: Best Copy Available

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



**Subject
Property**



Year: 1962
Source: CAS
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



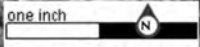
**Subject
Property**



Year: 1952
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



**Subject
Property**



Year: 1946
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1550 Pleasant Valley Road, Placerville, CA
Approx Center: -120.776414,38.682694

Order No: 23010400317



FIRE INSURANCE MAPS

Project Property: Diamond Springs US-CA-7310
1550 Pleasant Valley Road
Placerville CA 95667

Project No: VBBTS_096 Diamond Springs US-CA-7310

Requested By: Lotis Environmental

Order No: 23010400317

Date Completed: January 04, 2023

Please note that no information was found for your site or adjacent properties.

Appendix **E**

Previous Study

A previous Phase I ESA was not provided to Lotis for review.

Appendix **F**

Personnel Qualifications

DAVID N. ROBINSON, P.E.

President/CEO, The Lotis Engineering Group, P.C.
President/CEO, Lotis Environmental, LLC

Professional Experience

The Lotis Engineering Group, P.C. – President/CEO
Lotis Environmental, LLC – President/CEO

8899 Main Street- Suite 107
Williamsville, New York 14221

(May 2007 – Present)

(June 2019 – Present)

Parsons Brinckerhoff – Project Manager

50 Lakefront Blvd # 111
Buffalo, New York 14202

(January 2000 – May 2007)

URS Corporation – Project Engineer

257 West Genesee Street, Suite 400
Buffalo, New York 14202

(July 1996 – July 2000)

Education

M.S., Environmental Engineering, University of Colorado at Boulder, 1995

B.S., Civil Engineering, State University of New York at Buffalo, 1994

A.A.S., Architectural Engineering, Alfred State College, 1990

Professional Affiliations

New York State Wireless Association

Professional Registrations

Professional Engineer, New York 2001 (079047)

Certifications

FEMA Public Assistance Program Operations I

OSHA 40 Hr. Hazardous Waste Site Worker Training

Nokia CMPPro Cost Control Training

Key Qualifications

David Robinson founded The Lotis Group and has served as CEO since its inception in 2007. Mr. Robinson is a New York State Professional Engineer and an ASTM-defined Environmental Professional. Over his 20 year professional career, Mr. Robinson has performed over 18,000 Phase I Environmental Site Assessments in all 50 states and Canada. As CEO of Lotis, Mr. Robinson directs the strategic direction of the company and has grown Lotis into a leader in the environmental due diligence industry.

Telecommunications Experience

- Vertical Bridge Holdings, LLC, Nationwide, US (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies. David has been responsible for managing resources to complete these services on sites in all 50 states, the Caribbean and Canada.
- Blue Sky Towers, LLC, Nationwide, US (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies. David has been responsible for managing resources to complete these services on sites in the Northeast.
- InSite Towers, LLC, Nationwide, US (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies. David has been responsible for managing resources to complete these services on sites throughout the US and Caribbean.
- Mercury Towers, LLC, Nationwide, US (2014-2015): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies. David has been responsible for managing resources to complete these services on sites in the Northwest.
- IWG-TLA Telecom, LLC, Nationwide, US (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies. David has been responsible for managing resources to complete these services on sites throughout the US and Canada.
- Turriz Sites, Canada (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout Canada. Services include Phase I Environmental Site Assessments. David has been responsible for managing resources to complete these services on sites throughout Canada.
- Phoenix Towers International, Nationwide, US (2014-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies. David has been responsible for managing resources to complete these services on sites throughout the US and Caribbean.
- SBA, Inc. Acquisition Services, Nationwide, US (2001-2011): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include property surveys, 2C surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on over 7,000 sites in all 50 states, the Caribbean and Canada.
- Global Tower Partners, Inc., Nationwide, US (2004-2013): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include property surveys, 2C surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on over 5,000 sites in all 50 states and the Caribbean.

- Tower Ventures, LLC, Nationwide, US (2011-ongoing): Project Manager/Engineer for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments. David has been responsible for managing resources to complete these services telecommunication sites throughout the US.
- AT&T NexGen, Nationwide, US (2004): Project Engineer for this 16,000-mile long-haul fiber-optic confidential construction project throughout the United States. David was responsible for preparing tax recording documents needed to file taxes for AT&T's fiber build.
- Nassau County Police Department Land Mobile Radio System Modernization Project (2005-2007): Project Manager for engineering services relating to the upgrade of Nassau County's public safety communication system. Services include site design, construction drawing preparation, property surveys, 1A surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on 36 sites throughout the county.
- The City of New York Department of Information Technology and Telecommunications Channel 16 Project (2005-2007): Project Manager for engineering services relating to the design and construction of a conventional/trunked radio system for FDNY and other New York City agencies. Services include site design, construction drawing preparation, property surveys, 1A surveys, Phase I Environmental Site Assessments, NEPA compliance studies, zoning issues, and structural evaluation of existing towers. David has been responsible for managing resources to complete these services on 7 sites in New York City.
- NorthStar Communications, Inc., Florida (2003-2004): Project Manager for services relating to the development of telecommunications tower sites throughout Florida for Nextel. Services included construction drawings, property surveys, 2C surveys, zoning issues, and structural evaluation of existing towers. David was responsible for managing resources to complete these services on over 20 sites in the state of Florida.

Other Experience

- BNMC Utilities Relocation, Buffalo, New York (2002): Civil Engineer for the design of utility relocations at Roswell Park in Buffalo. David was responsible for developing construction documents and specifications, as well as providing consulting services throughout the design process. His duties also included preparation of construction cost estimates and submittal review.
- NFTA Metro Bus – Bus Fueling Station Systems Modifications for Dual Fuel, Buffalo, New York (2002): Civil Engineer for the design and preparation of design drawings, specifications and cost estimate for the replacement of an existing single fuel system to that of a dual fuel system.
- New Jersey DPMC Underground Storage Tank Program, New Jersey (1999-2001): Civil Engineer for the design of new aboveground and underground tank fueling systems (including fuel dispensers, leak detection systems, inventory control systems, and concrete tank slabs) for various State Departments in New Jersey. David was responsible for developing design drawings, construction documents and specifications, as well as providing consulting services throughout the construction process. His duties also included creating and maintaining resource-loaded project schedules for project using Primavera® project scheduling software.

- Former Hyatt Clark Industries, Inc. Site, New Jersey (1996-1998): Civil engineer for the preparation for the closure and remediation of the Former GM Industrial site and the construction of a 9-hole golf course recreational facility (including Driving Range, Putting Course, Clubhouse and Maintenance Facilities). David was responsible for the design of the golf course drainage system which included a 5-acre retention pond to be used for irrigation during periods of drought. His duties also included preparing cost estimates for the site closure and subsequent golf course construction, and the modeling and design of the facility entrance and parking.
- Wegmans Food Pharmacy, Buffalo, New York (1998): Civil engineer for the construction of a supermarket on a former industrial site. David was responsible for and the modeling and design of the facility entrance. His duties also included field sampling of excavated soil during construction.
- USACE-Buffalo District, Cuyahoga River Bulkheads Study, Ohio (1999): Civil Engineer for the USACE's bulkhead inspection program along nine miles of the Cuyahoga River in Cleveland, Ohio. David was responsible for preparing a structural assessment of bulkhead along the river by inspecting various conditions of the sheet pile (i.e., corrosion levels, settling). His duties also included preparing remediation recommendations and subsequent cost estimates for damaged bulkhead sections.
- USACE-Buffalo District, Advance Measures Program, New York (1999): Civil Engineer for the study of high Lake Erie levels on four residential areas. David was responsible for gathering residential home elevations and comparing them to historical rain and lake level data. Based on these comparisons and a detailed cost analysis, recommendations to alleviate local residential flooding, including the design of breakwaters and levees, were made.
- FEMA Public Assistance Program, Puerto Rico (1998-1999): Civil Engineer for the inspection of public facilities damaged by Hurricane Georges. David was responsible for gathering field data on hurricane damages, designing mitigation alternatives, and preparing detailed cost analyses of damages.
- NYCDDC Underground Storage Tank Program, New York (1999-2001): Civil Engineer for the design of groundwater/soil remediation systems for the cleanup of petroleum-contaminated groundwater and soils. Groundwater remediation systems typically consisted of the design and installation of pneumatic and electric dual pumping systems for the removal of free phase and dissolved phase contamination. Soil remediation systems incorporated the design and installation of soil vapor extraction systems and bioventing systems.
- Lipari Landfill, New Jersey (1996-1997): Civil Engineer for offsite remediation work at the Lipari Superfund site. David was responsible for modeling migration rates of contaminants from the Superfund site through surrounding soil strata.

KELLY R. REIDY-KACZMAREK

Environmental Scientist, The Lotis Engineering Group, P.C.
Environmental Scientist, Lotis Environmental, LLC

Professional Experience

The Lotis Engineering Group, P.C. – Environmental Scientist (April 2015 – Present)
Lotis Environmental, LLC – Environmental Scientist (June 2019 – Present)
8899 Main Street- Suite 107
Williamsville, New York 14221

RJS Environmental – Environmental Specialist (March 2010 – April 2015)
4169 Allendale Parkway
Blasdell, New York 14219

STOHL Environmental – Project Manager (May 2009 – March 2010)
4169 Allendale Parkway
Blasdell, New York 14219

Education

B.A., Environmental Science and Biological Science, State College at Brockport, 2009

Certifications

ASTM Conference on Environmental Site Assessments for Property Transfer
New York State and EPA Certified Asbestos Air and Project Monitoring Technician
New York State Asbestos Inspector
OSHA 10-hour Construction Safety Training
Emergency Medical Responder

Key Qualifications

Since 2010, Kelly Reidy has been involved in various aspects of the environmental field with extensive experience in environmental due diligence. She has completed hundreds of environmental site assessments and reports, including Transaction Screens, Phase I assessments, and intrusive (Phase II) studies that range from farmland, to shopping plazas, to heavy industrial sites.

Commercial Lending Experience

- First Niagara Bank, Nationwide, US (2010-2015): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout the United States. Services include Transaction Screens, Desktop Reviews, Limited Database Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.
- Lake Shore Savings Bank, Western New York, US (2012-2015): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout Western New York. Services include Transaction Screens, Desktop Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.
- M&T Bank, New York State, US (2010-2015): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout New York State. Services include Transaction Screens, Phase I Environmental Site Assessments and Phase II Intrusive studies.

- Bank of Akron, Western New York, US (2012-2015): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout Western New York. Services include Transaction Screens, Desktop Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.

Telecommunications Experience

- Vertical Bridge Holdings, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Blue Sky Towers, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- InSite Towers, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- IWG-TLA Telecom, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Turris Sites, Canada (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Phoenix Towers International, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Tower Ventures, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.

MATTHEW J. GREEN

Environmental Professional, The Lotis Engineering Group, P.C.
Environmental Professional, Lotis Environmental, LLC

Professional Experience

The Lotis Engineering Group, P.C.
Lotis Environmental, LLC
8899 Main Street- Suite 107
Williamsville, New York 14221

(September 2015 – Present)
(June 2019 – Present)

Town of Amherst Environmental Control – Summer Help
455 Tonawanda Creek Road
Buffalo, New York 14228

(May 2015 – September 2015)

Education

B.S., Environmental Studies, State University of New York at Buffalo, 2015

Certifications

New York State Asbestos Inspector
New York State Lead Inspector

Key Qualifications

Since 2015, Matthew Green has been involved in various aspects of the environmental field with extensive experience in environmental due diligence. He has completed hundreds of environmental site assessments and reports, including Transaction Screens, Phase I assessments, and intrusive (Phase II) studies that range from farmland, to shopping plazas, to heavy industrial sites. He has conducted hundreds of in-field site assessments across the United States, Canada, and Puerto Rico. Matthew has also assisted in the completion of hundreds of NEPA compliance studies, specifically in the telecommunications industry.

Commercial Lending Experience

- Canandaigua National Bank, Statewide, US (2017-ongoing): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout New York State. Services include Transaction Screens, Desktop Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.
- First Niagara Bank, Nationwide, US (2016-2016): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout the United States. Services include Transaction Screens, Desktop Reviews, Limited Database Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.
- Upstate National Bank, Statewide, US (2018-ongoing): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout New York State. Services include Transaction Screens, Desktop Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.
- Pioneer Bank, Statewide, US (2017-2018): Environmental Consultant for services relating to acquisitions and commercial lending of properties throughout New York State. Services include Transaction Screens, Desktop Reviews, Phase I Environmental Site Assessments and Phase II Intrusive studies.

Telecommunications Experience

- Vertical Bridge Holdings, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Blue Sky Towers, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- InSite Towers, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- IWG-TLA Telecom, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Turris Sites, Canada (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Phoenix Towers International, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Tower Ventures, LLC, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Weiss Towers, Nationwide, US (2017-ongoing): Environmental Consultant for services relating to the acquisition and development of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.
- Telecom Lease Advisors, Nationwide, US (2015-ongoing): Environmental Consultant for services relating to the acquisition of telecommunications tower sites throughout the United States. Services include Phase I Environmental Site Assessments and NEPA compliance studies.

Other Experience

- Town of Amherst Environmental Control, town wide, US (Summer of 2015): Performed Fats, Oils, and Grease (FOG) inspection on various restaurants. Collected FOG samples for EPA 1664 analysis as well as assisted in the investigation and follow through of sewer blockages.
- Grand Island Central School District, Districtwide, US, East Aurora Central School District, Districtwide, US and Lancaster Central School District, Districtwide, US (2016 Testing Cycle): Conducted lead testing in potable water for district schools and facilities. Was responsible for providing guidance to faculty and staff on proper preparation of potable outlets prior to testing, collecting water samples, completing chain of custody forms, and preparing a written report for each school identifying lead levels at all outlets tested.



PLANNING AND BUILDING DEPARTMENT

PLANNING DIVISION

<https://www.edcgov.us/Government/Planning>

2850 Fairlane Court, Placerville, CA 95667

OAK RESOURCES CODE COMPLIANCE CERTIFICATE

This Certification is required by the Oak Resources Conservation Ordinance (El Dorado County Code, Title 130, Chapter 130.39).

Assessment Number(s) (ANs): 098-100-083-000

[Attach additional pages if needed]

Address: 1550 Pleasant Valley Rd., Placerville CA.

Permit Number or Description (e.g. building/grading permit, discretionary project, other):

CUP23-0004

Under penalty of perjury, I/we certify the following statement(s) (Check all that apply):

- ☒ No Oak Woodlands, Individual Native Oak Trees, or Heritage Trees, as defined in Section 130.39.030 (Definitions), have been impacted (i.e., cut down) on the above listed AN(s) for the current project or within two (2) years prior to the date of this certificate.
- ☐ Yes, Oak Woodlands, Individual Native Oak Trees, or Heritage Trees, as defined in Section 130.39.030 (Definitions), have been impacted (i.e., cut down) on the above listed AN(s) for the current project or within two (2) years prior to the date of this certificate.
- ☐ Oak Resources Technical Report is attached.
- ☐ Oak tree removal qualifies for exemption(s) under Section 130.39.050 (Exemptions and Mitigation Reductions) as documented in writing by a Qualified Professional.
[Explain on separate attachment]
- ☐ Oak tree removal was previously permitted by the County. [Attach copies of prior permit(s)]
- ☐ No previous oak mitigation was required. [Explain on separate attachment]

Date: 3-8-23

By: [Signature]
Signature of Property Owner/Authorized Agent

Signature of Property Owner/Authorized Agent

William Lewis - Assurance Development
Printed Name of Property Owner/Authorized Agent

Printed Name of Property Owner/Authorized Agent

County Use Only

Consistent with Chapter 130.39 (Oak Resources Conservation): ☐ Yes ☐ No

Accepted By Staff (Name):

Date:

POR. SEC'S 28, 29, 32, & 33, T.10N, R.11E, M.D.M.

Tax Area Code

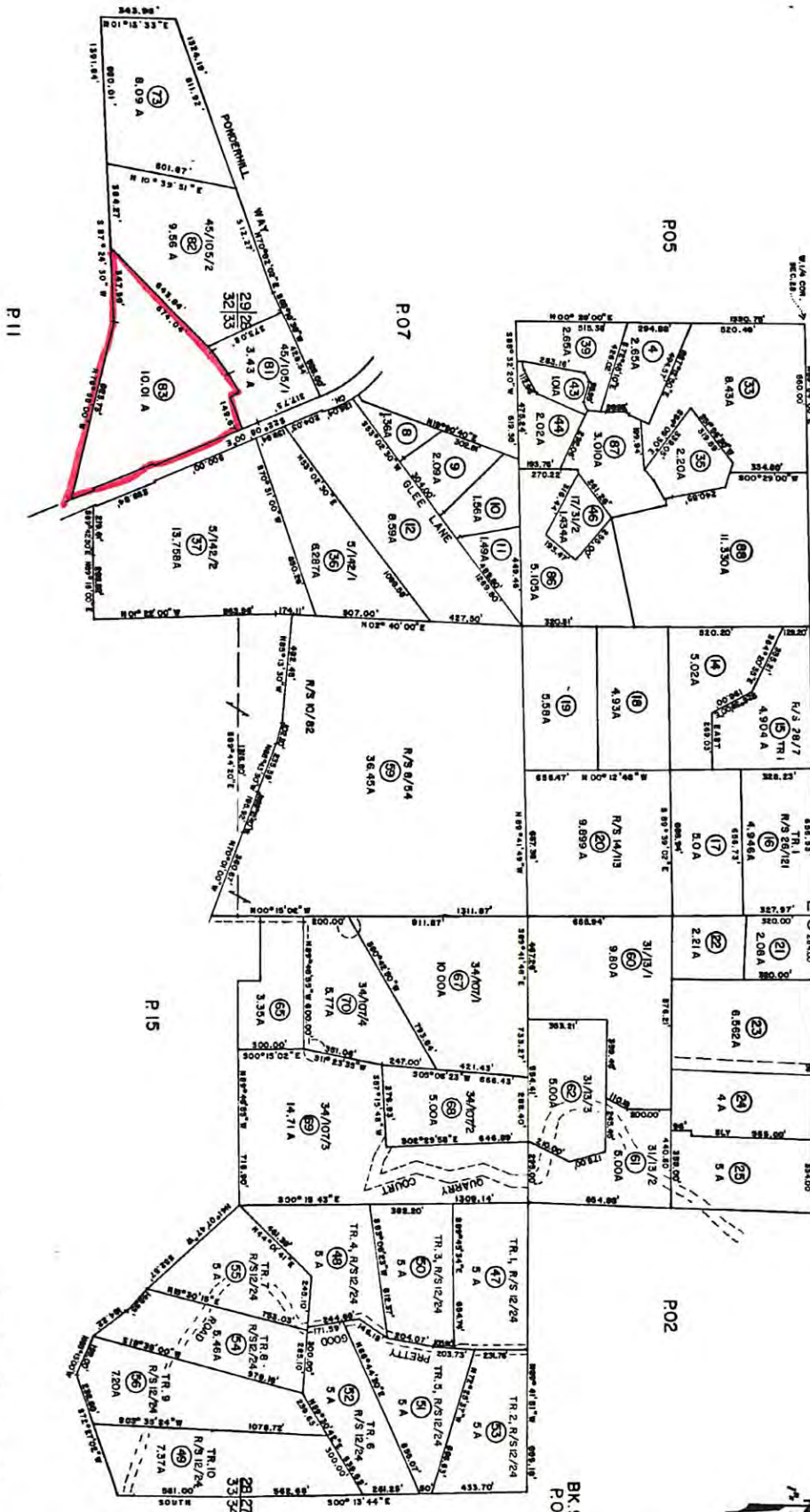
98:10

P02

P05

P02

BK 99
P05



NOTE - Assessor's Block Numbers Shown in Yellow
Assessor's Parcel Numbers Shown in Orange

Assessor's Map Bk. 99 - Pg. 10
County of El Dorado, California

MAY 3 1 2005

This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.