

United States Department of Agriculture (USDA)

Rural Energy for America Program (REAP)

Environmental Report

Applicant: Golden Valley Farms, LLC

Applying as: Agricultural Producer

(a) The 49.6kW renewable energy solar project will be broken into three arrays on two parcels that are a few miles apart. The GPS location of each array is listed below. The combined systems consist of 124 QCells QPeak (400W) modules and 3 SMA STP inverters. The modules on each of the three arrays will be oriented landscape 180° with a 30° tilt using ground mounted ProSolar GroundTrac Racking. As indicated on the project layout, approximately 63 trees (total) will be removed to install the arrays. The project layout for each array is below.

The renewable energy system is based on the previous 12 months electrical usage of the meter being offset by the project. This 49.6kW renewable energy solar project will help reduce the operating costs of Golden Valley Farms, LLC. Currently there is a large variability month to month in the cost of energy. Installing solar will help reduce both the overall cost of energy and the variability of those costs.

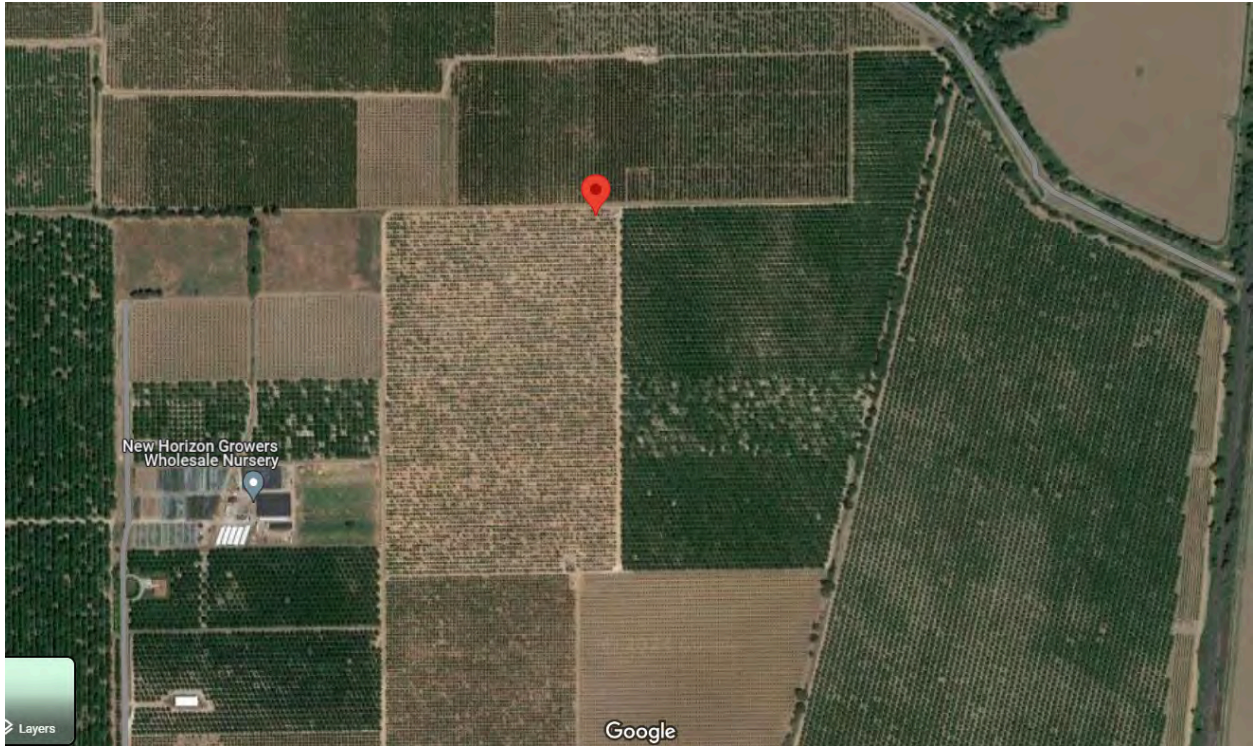
Meter #1004480503 (North Pump - Oroville Hwy. Marysville, CA 95901)

GPS: 39.299348, -121.580207

APN: 003-040-015-000

System Layout Info.	
Panel Type	Hanwha Q.Peak Duo BLK
Wattage	400W
Panel Tilt	30°
Azimuth Angle	180°
Total # of Panels	60
Total # of Inverters	-
Total KiloWatts	24.00kW DC
Meter	1004480503

North



Meter #1009848663 (Middle Pump - 889 Chandler Rd. Marysville, CA 95901)
GPS: 39.295032, -121.580380
APN: 003-040-015-000

System Layout Info.	
Panel Type	Hanwha Q.Peak Duo BLK
Wattage	400W
Panel Tilt	30°
Azimuth Angle	180°
Total # of Panels	44
Total # of Inverters	-
Total KiloWatts	17.60kW DC
Meter	1009848663

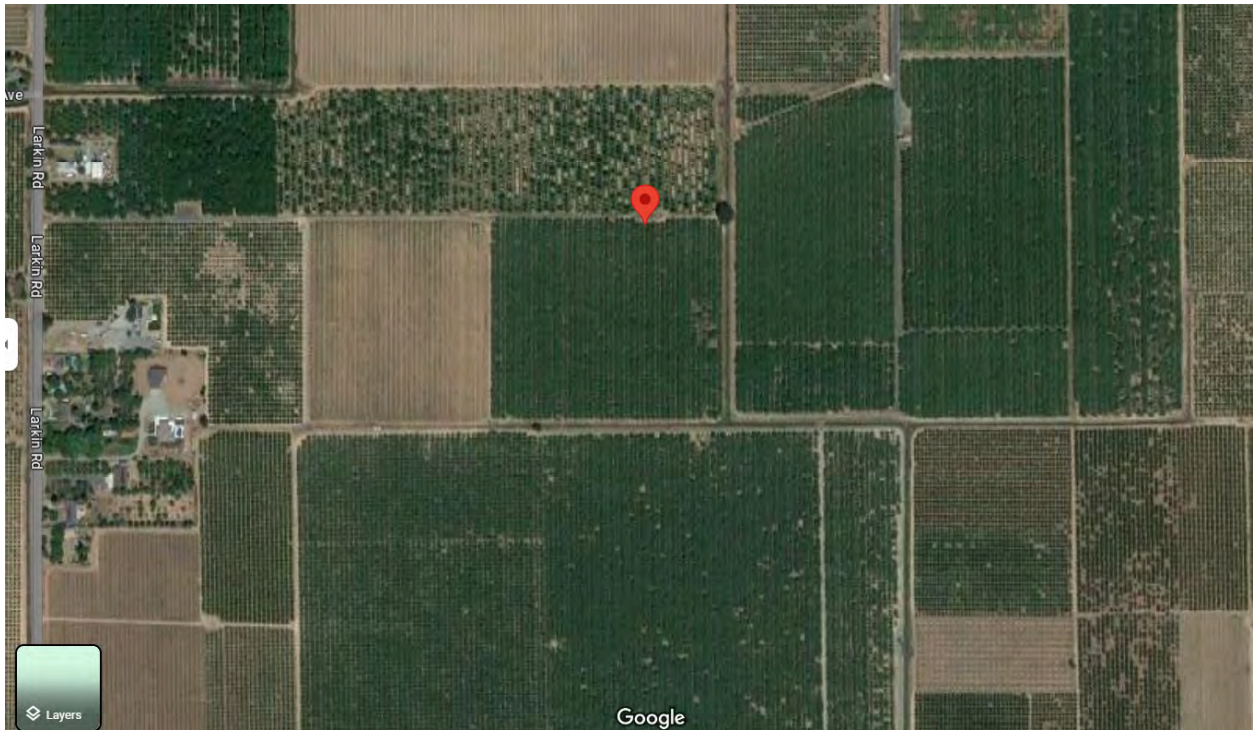
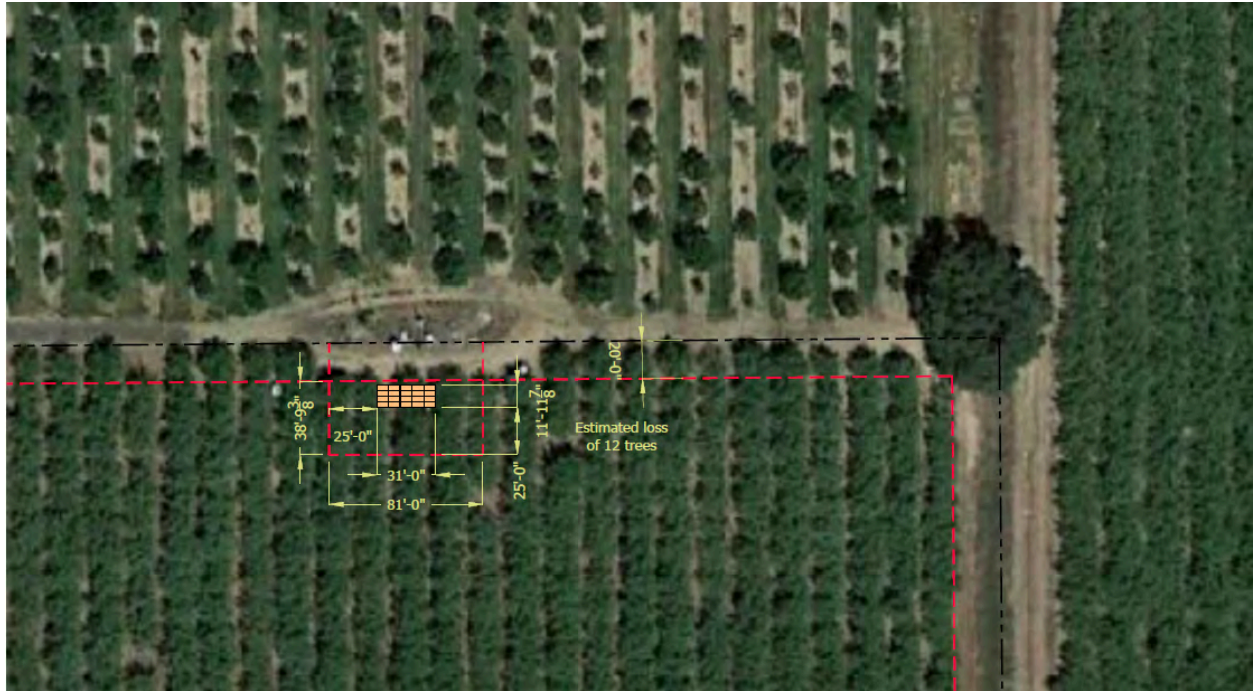
Middle





Meter #1009963110 (East of Larkin Rd. Gridley, CA 95948)
GPS: 39.329403, -121.651690
APN: 024-150-018

System Layout Info.	
Panel Type	Hanwha Q.Peak Duo BLK
Wattage	400W
Panel Tilt	30°
Azimuth Angle	180°
Total # of Panels	20
Total # of Inverters	-
Total KiloWatts	8.00kW DC
Meter	1009963110



(b) Land Ownership and Land Use:

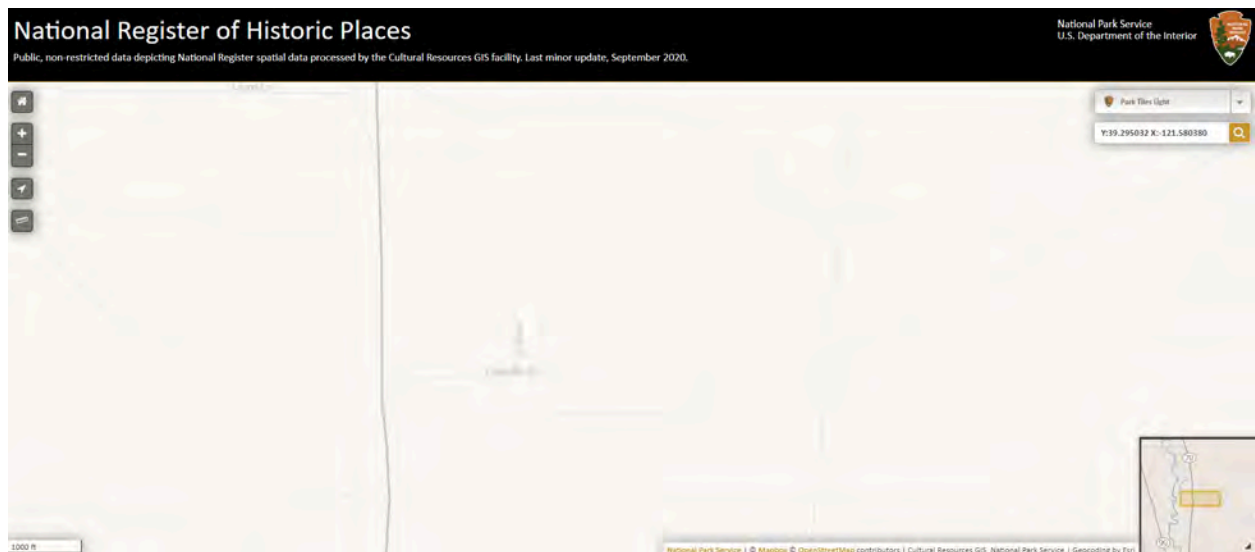
The parcel where the RES will be located is 159.75 acres total. 95.7 acres of the property are currently used for agricultural production, primarily as an orchard producing almonds, walnuts and prunes. Less than 2 acres will be used to install the solar arrays.

Residence is not considered in the project and all use will be directed to offsetting the agricultural well. The parcel is zoned for agricultural use.

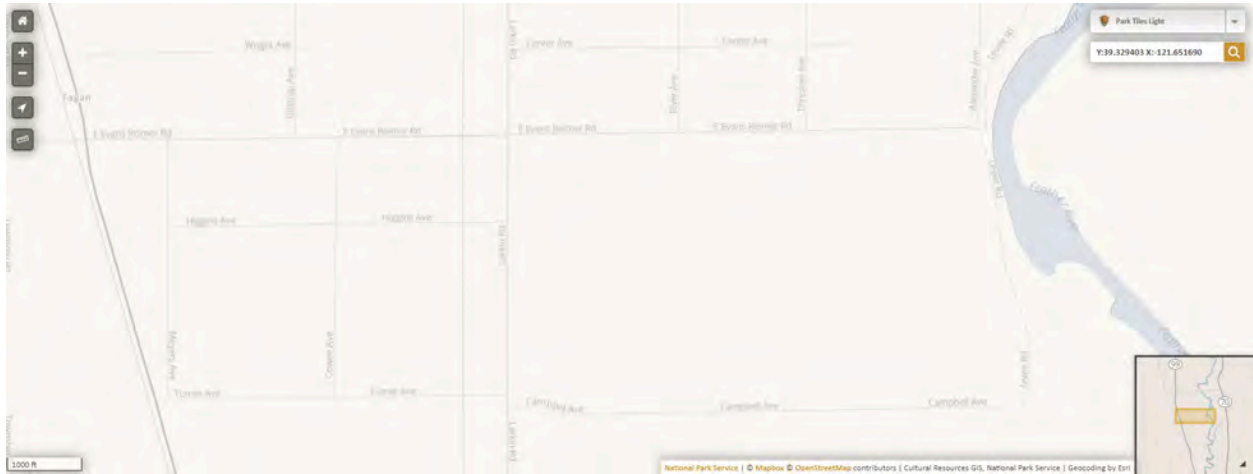
- (1) Document Land Ownership: The REAP applicant, Golden Valley Farms, has provided a copy of the Grant Deed showing that parcel 003-040-015-000 is privately owned by Golden Valley Farms, LLC. The REAP Applicant, Golden Valley Farms has provided a copy of the commercial lease showing that they have a long term lease agreement with Piara S. Rahul for parcel 24-150-018-000. A copy of the Deed and Lease for each parcel is provided in Appendix A.
- (2) Low Income or minority populations: This project is not located in a distressed or disadvantaged community and is not expected to have an adverse effect on low income or minority populations.
- (3) Intergovernmental Review: The applicant affords states and local governments the opportunity to review program activities as described in 1970.503(a) and located in areas subject to their legal jurisdiction prior to approval by the agency.
- (4) The applicant is not aware that a phase I Environmental Site Assessment (ESA) or Transaction Screen Questionnaire (TSQ) or other environmental due diligence procedures have been completed within the past 6 months.

(c) Historic Preservation: The project address is not listed on the National Register of Historic Properties (NRHP). See NRHP map below.

Yuba Co. Project Site:



Butte Co. Project Site



The project is being developed on pre-disturbed ground. The property is not known to have any historical significance in regard to the Advisory Council on Historic Preservation's (ACHP) Section 106.

A non-confidential CHRIS search was conducted by the Northeast Information Center for the array located on a parcel in Butte County, which found no archaeological resources or built environmental resources within the project boundary. The CHRIS results concluded that the project area is considered low sensitivity for cultural resources. A copy of the NEIC CHRIS results are attached in Appendix B.

A non-confidential CHRIS search was conducted by the North Central Information Center for the arrays located on a parcel in Yuba County, which found no recorded indigenous-period/ethnographic period cultural resources and no historic-period resources in the project area. The CHRIS results concluded that there is low potential for locating cultural or historical resources within the project area and that the proposed project area is not sensitive. A copy of the NCIC CHRIS Results are attached in Appendix C.

The CHRIS results for both counties identified that the Southern Maidu (Nisenan) were historically settled in the project area. In addition to the Southern Maidu (Nisenan), TDAT identified the the Enterprise Rancheria of Maidu Indians of California, the Mooretown Rancheria of Maidu of California, the United Auburn Indian Community of the Auburn Rancheria of California, the Berry Creek Rancheria of Maidu Indians of California, the Grindstone Indian Rancheria of Wintun-Wailaki Indians of California, the Mechoopda Indian Tribe of Chico Rancheria, California, and the Shoshone Tribe of the Wind River Reservation as tribes with interest in the project sites.

(d) Threatened and Endangered Species/Biological Resources: The official species list provided by the US Fish and Wildlife Service indicated that there are no critical habitats within the project area and identified the following species from the endangered species act which may occur within the boundary of the proposed project area:

Giant Garter Snake (*Thamnophis gigas*). According to the USFWS no critical habitat has been designated for this species. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Giant Garter Snake nor its critical habitat.

Northwestern Pond Turtle (*Actinemys marmorata*). According to the USFWS no critical habitat has been designated for this species. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Northwestern Pond Turtle.

Monarch Butterfly (*Danaus plexippus*). According to the USFWS no critical habitat has been designated for this species. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Northwestern Pond Turtle.

Western Spadefoot (*Spea hammondi*). According to the USFWS no critical habitat has been designated for this species. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Western Spadefoot.

Monarch Butterfly (*Danaus plexippus*). According to the USFWS no critical habitat has been designated for this species. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Monarch Butterfly.

Valley Elderberry Longhorn Beetle (*Desmocerus californicus dimorphus*). According to the USFWS there is final critical habitat for this species but our location does not overlap the critical habitat. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Valley Elderberry Longhorn Beetle.

Vernal Pool Tadpole Shrimp (*Shrimp Lepidurus packardii*). According to the USFWS there is final critical habitat for this species but our location does not overlap the critical habitat. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Vernal Pool Tadpole Shrimp.

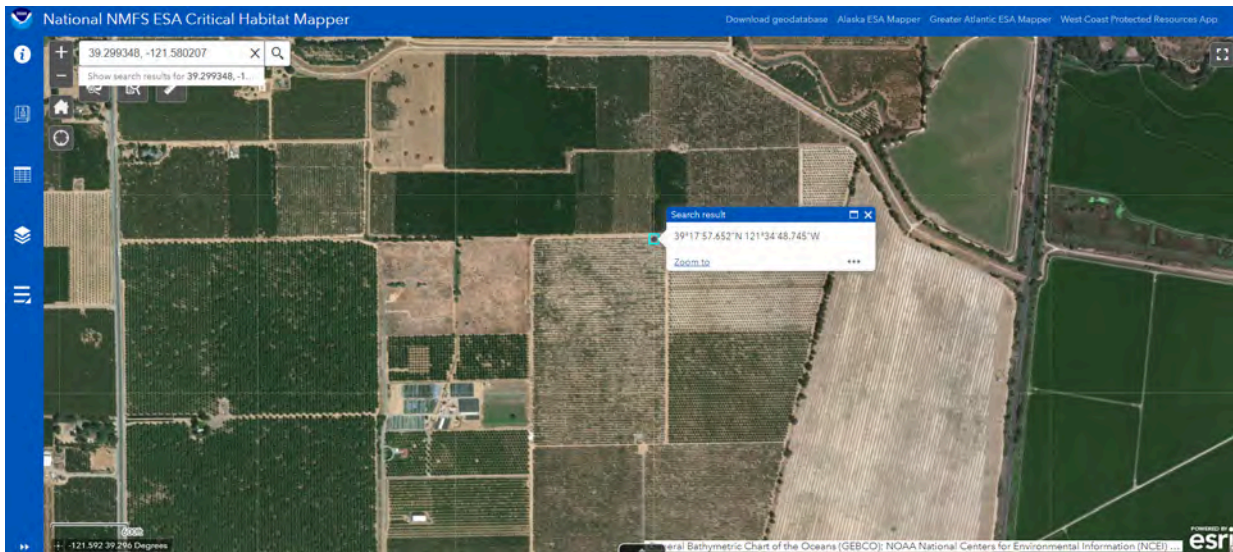
Vernal Pool Fairy Shrimp (*Branchinecta lynchi*). According to the USFWS there is final critical habitat for this species but our location does not overlap the critical habitat. The project site does not have suitable habitat for the species and the proposed solar RES is expected to have No Effect on the Vernal Pool Fairy Shrimp.

The Official Species list is attached as Appendix E.

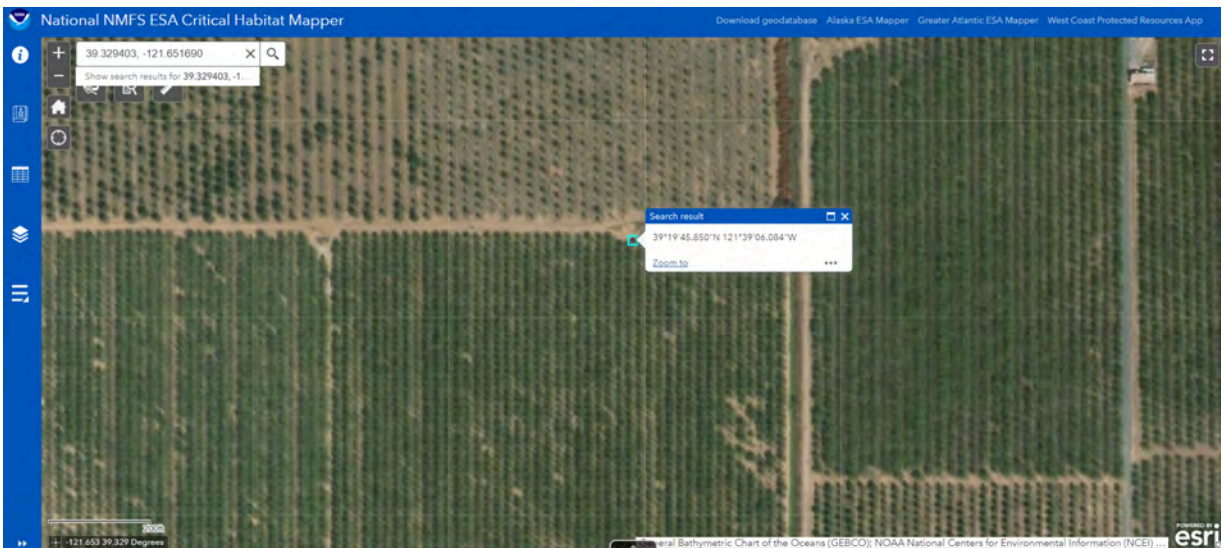
The project will not be located adjacent to the coast or any inland sources of water, so the National Marine Fisheries Services has not been contacted.

The Fish and Wildlife Service indicated on the map below that the project address does not contain any critical habitats. See below.

Yuba Co. Project Site



Butte County Project Site











(e) Wetlands: The Wetland map available from the Fish and Wildlife Service's National Wetland Inventory indicates that no wetlands are present in the project location. The Wetland map is provided below:

Yuba Co. Project Sites



January 19, 2024

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|-------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
|  | Freshwater Pond |  | 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.









National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Butte Co. Project Site



January 19, 2024

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|-------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
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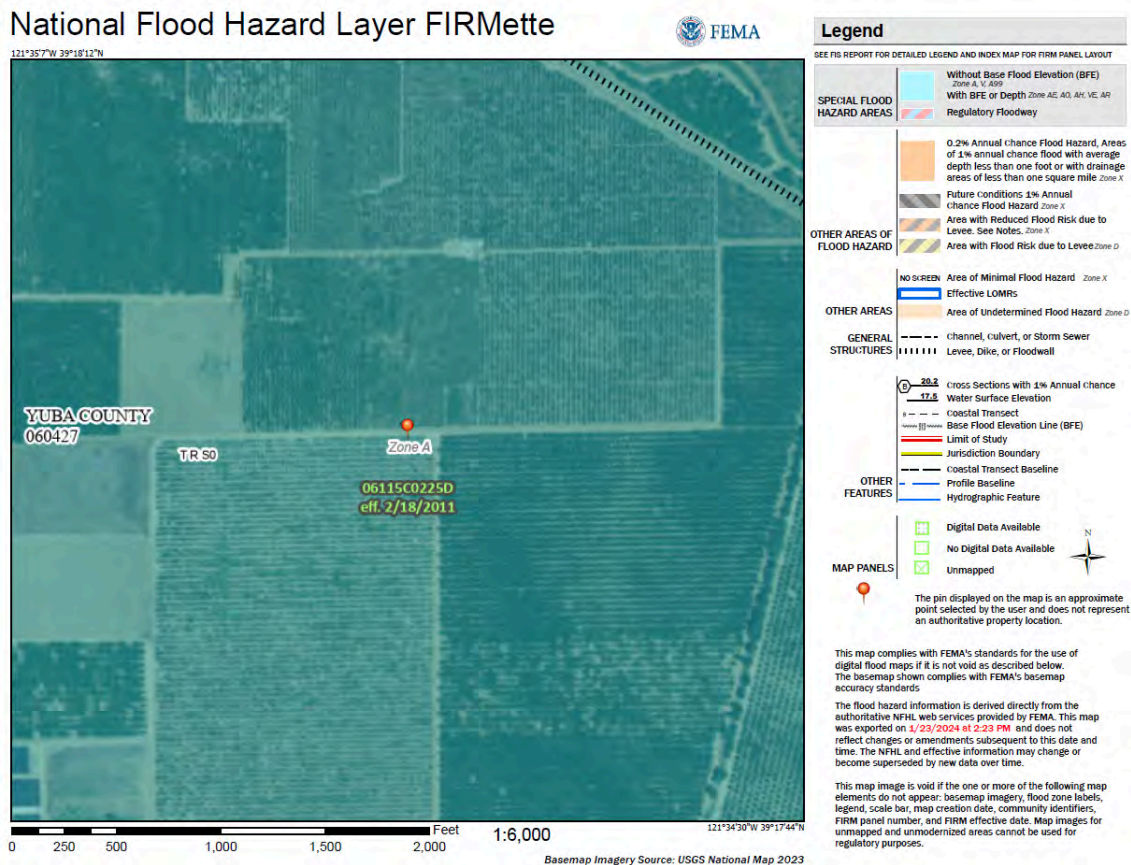
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National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

- (1) Nationwide General Permits (NWP): No NWPs are required as the project location is outside of any Wetland delineations.
- (2) Regional General Permits: No Regional General Permits are required as the project location is outside of any Wetland delineations.
- (3) Individual Permits: No Individual Permits are required as the project location is outside of any Wetland delineations.
- (4) ConAct Programs: The programs authorized under Section 363 of the Consolidated Farm and Rural Development Act do not apply as the project location is outside of any Wetland delineations.

(f) Floodplains: According to the Federal Emergency Management Agency (FEMA) Map, the project location is not within an area designated as a floodplain. See FEMA map below:

Yuba County Project Site 1



Yuba County Project Site 2

National Flood Hazard Layer FIRMette



Legend

SEE FIG REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, X, APF
- With BFE or depth Zone AC, AD, AE, AF, AH
- 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 FLOOD: 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
- Hydrographic feature

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 base map shown complies with FEMA's base map accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/23/2024 at 2:00 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: base map 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.

Butte Co. Project Site

National Flood Hazard Layer FIRMette



Legend

SEE FIG REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, X, APF
- With BFE or depth Zone AC, AD, AE, AF, AH
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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
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- Area with Flood Risk due to Levee, Zone D

OTHER AREAS

- NO FLOOD: Area of Minimal Flood Hazard Zone X
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MAP PANELS

- Digital Data Available
- No Digital Data Available
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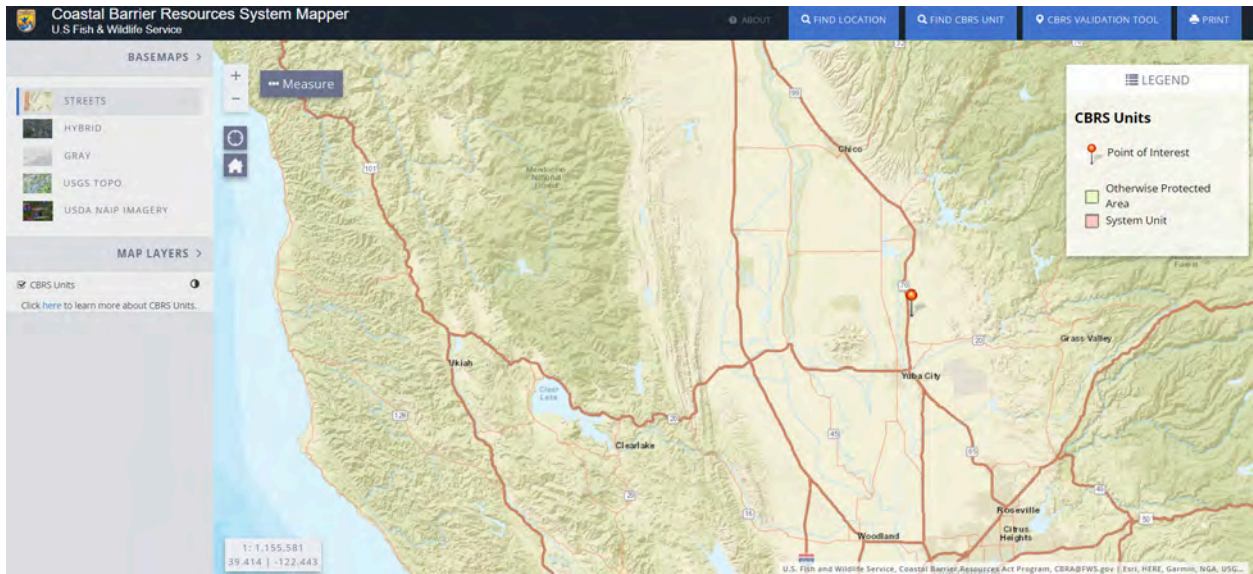
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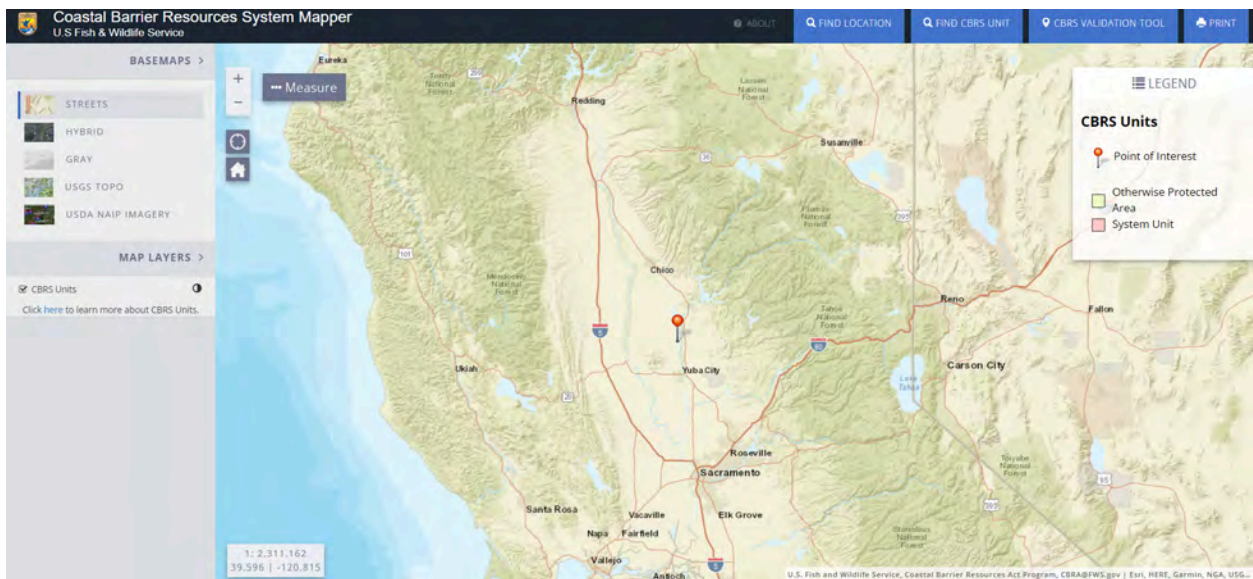
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(g) Coastal Areas: According to the National Oceanic and Atmospheric Administration (NOAA) website and specifically the Coastal Zone Management Act (CZMA) map, the project location is not within an area designated as a coastal zone.

Yuba Project Sites



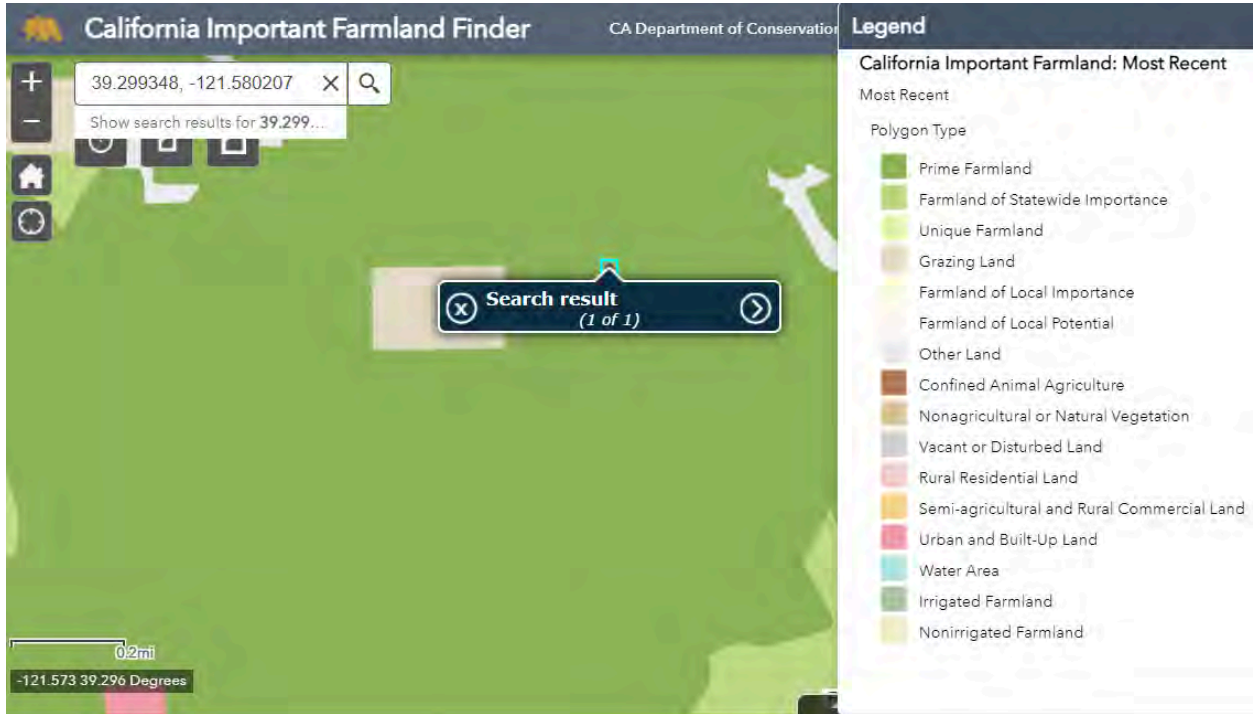
Butte Project Site



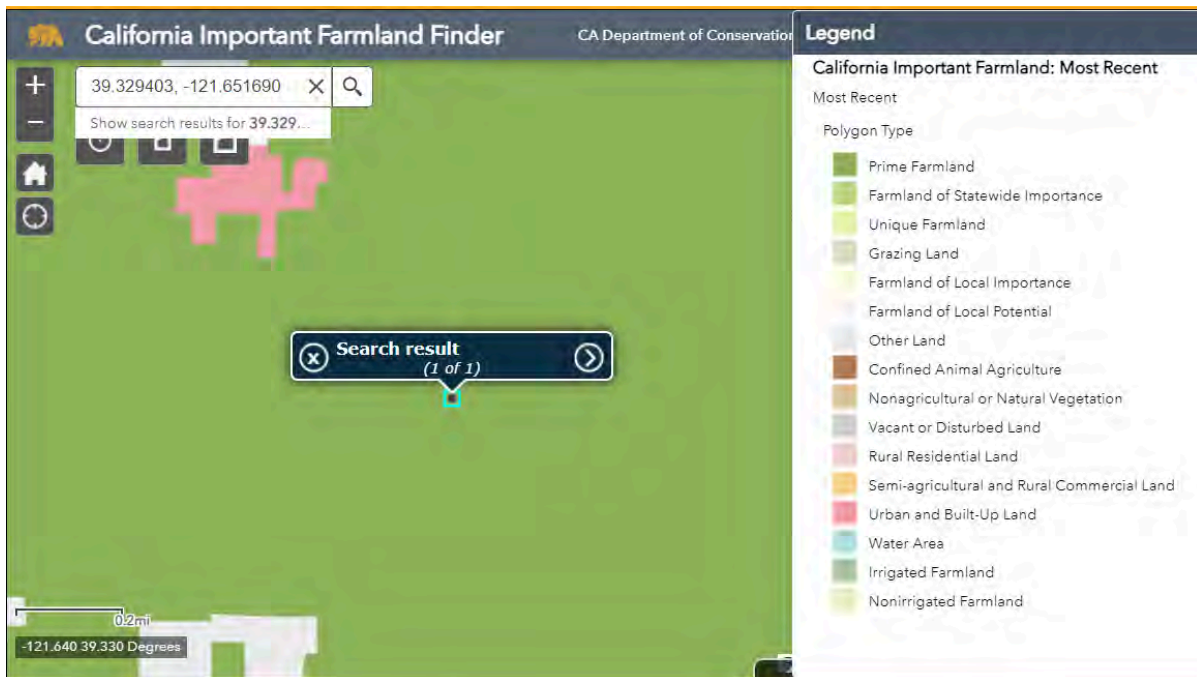
(h) Important Farmland: According to the Web Soil Survey Mapper available from the USDA, both the Butte and Yuba Project sites are located on prime farmland, if irrigated. The Web Soil Survey Maps with marked APE for each solar array are attached in Appendix D.

According to the CA Important Farmland Mapper available from the CA Department of Conservation, both the Butte and Yuba project sites are located on Prime Farmland. See CA Important Farmland Maps below.

Yuba Project Site



Butte Project Site



In either case, based on the conditions set by the Farmland Protection Policy Act (FPPA), the Solar RES activities should not be subject to FPPA due to the exemption for construction of non-farm structures necessary to support ongoing farm operations. A Land Evaluation and Site Assessment (LESA) has not been conducted.

(i) Environmental Risk Management: No hazardous materials, substances or wastes will be released at, generated by or required for the operation of the RES. No lead-based paints, asbestos or mold are or will be present in the creation of the RES. The RES is not known to have any adverse effect to the environment or to people.

(j) Other Resources: The project site is not known to be located within key water resource areas such as sole source aquifers or wellhead protection areas. No coral reef ecosystems will be affected by the RES.

APPENDIX A

CASH LEASE

This LEASE is made and entered into this December 01.2020
by and between Piara S Rahul as "LESSOR", and
Golden Valley Farms as "LESSEE."

I

The Premises

LESSOR leases to LESSEE, and LESSEE hires from LESSOR, on the terms and conditions set forth in this LEASE, all that certain real property hereinafter referred to as the "PREMISES", situated in the County of Butte, State of California, containing approximately 30 gross acres and commonly known as follows: APN# 024-150-018-000 Butte County Tax Map.

See Exhibit "A" attached hereto and incorporated herein by this reference.

II

Disclaimer of Warranty--Soil & Water Suitability

LESSOR makes no warranty of the soil and water or suitability for growing the crops LESSEE is authorized to grow under this LEASE. LESSOR makes no warranty as to supply of water for growing crops LESSEE is authorized to grow under the LEASE.

III

Lease Subject to Existing Rights of Owners

This LEASE is subject to:

A. All existing easements, servitudes, licenses; and rights of way for canals, ditches, levees, roads, highways; and telegraph, telephone and electric power lines; railroads, pipelines, and other purposes, whether recorded or not.

B. The rights of other lessees under any existing or future oil, gas and mineral lease or leases from LESSOR affecting the entire or any portion of the PREMISES, whether recorded or not.

IV

Entry by Owner and Inspection of Records

LESSEE shall permit LESSOR, and LESSOR's agents and assigns, at all reasonable times, to enter the leased PREMISES, to use the roads established on the PREMISES now or in the future, for the purposes of inspection, compliance with the terms of this LEASE, exercise of all rights under this LEASE, posting notices, and all other lawful purposes.

LESSEE shall make and keep pertinent records of all operations and conduct under this LEASE and shall make them available to LESSOR, and LESSOR's agents and assigns at all reasonable times for inspection.

V

Utilities

LESSEE shall pay for all water, power, and utility company charges and for all other services supplied to the PREMISES, for crop production purposes.

VI

Term

The initial term of this LEASE shall commence as the date hereof and continue for 25 crop year(s), namely, December 01, 2020, through December 1, 2045. The LEASE shall terminate upon completion of the harvesting of the crop in 2045.

VII

Abandonment

LESSEE shall not vacate or abandon the PREMISES at any time during the term hereof. If LESSEE does abandon, vacate, or surrender the PREMISES, or if LESSEE is dispossessed by process of law, or otherwise, any personal property belonging to LESSEE and left on the PREMISES shall be kept for a reasonable time by LESSOR, but in no event longer than fifteen (15) days after LESSOR gives LESSEE notice to remove that property from the PREMISES, after which time, if it has not been reclaimed by LESSEE, it may be treated by LESSOR as abandoned.

VIII

Consideration

The PREMISES are leased for agricultural purposes only.

The rent payable by LESSEE to LESSOR for the use and occupation of the PREMISES shall be in the form a percentage of gross income received in the amount of 22 Percent. As monetary payment.

IX

Payment of Expenses, Costs and Maintenance of Pumps

The LESSOR shall pay all real property taxes, and if applicable water district maintenance assessments (not water costs) assessed against the PREMISES during the term of this LEASE.

LESSEE shall bear all other expenses specifically including, but not limited to: costs of water and water delivery, all utility charges for light and power and the care, maintenance and operation of the pumps used by LESSEE on the PREMISES. In the event repairs to the pumps are required in excess of routine maintenance the LESSEE shall pay the first Five Hundred Dollars (\$500) of all costs incurred and LESSOR shall pay the excess; provided, however, that any repairs necessitated or caused by the acts of negligence of the LESSEE, or the LESSEE'S failure to maintain and service the pumps, shall be at the sole cost and expense of the LESSEE. LESSEE is responsible for any vandalism, theft, damage, and or waste, which may occur on leased property.

X

Use of the Premises

The PREMISES are leased to LESSEE for the purpose of planting and harvesting crop. LESSEE shall not use, or permit to be used, any part of the PREMISES for any other purpose other than the purposes for which the PREMISES are leased. All operations incident to this use of the PREMISES shall be carried on according to the best course of husbandry practiced in the vicinity.

XI

Waste

LESSEE shall not commit, or permit others to commit, on the PREMISES, waste, or a nuisance, or any other act that could disturb the quiet enjoyment of LESSOR or any other tenant of LESSOR on reserved or adjacent property. LESSEE is responsible for cleanup of any waste deposited on the property.

XII

Gravel, Oil, Gas and Mineral Rights

All rights in all gravel, minerals, oil, gas and other hydrocarbons located on or under the leased PREMISES are reserved to LESSOR and are excepted from the property covered by the terms of this LEASE. LESSEE expressly grants to LESSOR, and to any and all LESSEES of these oil, gas, gravel, and mineral rights, and to LESSOR'S agents and licensees, a right of entry and a right of way for ingress and egress in and to, over and on, the leased PREMISES during the term of this LEASE for the exploration, drilling and mining of gravel, minerals, oil, gas and other hydrocarbons on the leased PREMISES; provided that the LESSOR shall reimburse LESSEE for any damages that LESSEE sustains as a result of any interference with the agricultural operations conducted on the leased PREMISES under the term of this LEASE arising from the exploration, drilling or mining operations.

XIII

Maintenance

LESSEE shall be responsible for both the PREMISES and the approaches to the PREMISES, including, but not limited to, all fences, wells, pumps, ditches and roadways, and maintain them in the same order and condition in which received, ordinary wear and tear expected.

XIV

Alteration

LESSEE shall not make, or permit to be made, alterations of the PREMISES, without first obtaining LESSOR'S written consent. LESSEE shall keep the PREMISES free from any liens arising out of any work performed, material furnished, or obligations incurred by LESSEE.

XV

Compliance With Law

LESSEE shall comply with all requirements of all governmental authorities, in force either now or in the future, affecting the PREMISES, and shall faithfully observe in LESSEE'S use of the PREMISES, all laws, rules and regulations of these authorities in force now or in the future.

XVI

Non-Liability of Owner for Damages

LESSEE agrees to keep LESSOR free from all liability and claims for damages arising from any injury from any cause to any person, including LESSEE, or to the property of any kind belonging to anyone, including LESSEE, while in, upon or in any way connected with the PREMISES including; but not limited to, the flooding of roads or neighboring lands because of improper or inadequate drainage or escaping irrigation waters during the term or any extension of this LEASE, or any occupancy under this LEASE.

LESSEE further agrees to maintain during the term of this LEASE at LESSEE'S expense, public liability insurance for protection against liability to the public arising as an incident to the use of or resulting from any accident occurring in or about the PREMISES. The limits of liability under this insurance shall be in an amount not less than \$1,000,000.00 for any accident or injury or death to any person and \$500,000.00 for any property damage. These policies shall insure the contingent liability of LESSOR and LESSEE to provide a written binder or copy of the policy or certificate of insurance to the LESSOR. All insurance policies shall be issued by companies and in form satisfactory to LESSOR, shall name LESSOR and Johas and Associates, Inc. as an additional insured. LESSEE has the duty to obtain the written consent of the insurance carriers to notify LESSOR in writing 30 days before any cancellation of the insurance. LESSEE agrees that, if LESSEE does not keep the insurance in force, LESSOR may take out the necessary insurance and pay the premium. The repayment of the premium shall be made on the next day on which rent becomes due. LESSEE further agrees to maintain during the term of this LEASE at LESSEE'S expense, proper and adequate Worker's Compensation Insurance.

XVII

Attorneys' Fees on Default

In any action or proceeding by either party to enforce this LEASE or any provision hereof, the prevailing party shall be entitled to all costs incurred and to reasonable attorneys' fees.

XVIII

Remedies of Owner on Default

If LESSEE breaches this LEASE, LESSOR shall have the right of re-entry, after giving forty-eight (48) hours' notice, and the right to take possession of all crops, harvested or unharvested, and to remove all persons and property from the PREMISES; LESSOR must store the property removed in a public warehouse or elsewhere at Lessee's expense and for Lessee's account.

XIX

Insolvency; Receiver

Any one of the following constitutes a breach of this LEASE by LESSEE:

- A. The appointment of a receiver, except a receiver mentioned in Paragraph XX of this LEASE, to take possession of all or Substantially all assets of LESSEE; or
- B. A general assignment by LESSEE for the benefit of creditors; or
- C. An action taken or suffered by LESSEE under any insolvency or Bankruptcy act.

XX

Action of Receiver

If, in an action against LESSEE, LESSOR has a receiver appointed to take possession of the PREMISES, or to collect the rents or profits derived from the PREMISES, or both, the receiver has the right, if it is necessary or convenient in order to collect rents or profits, to conduct the business of LESSEE then being carried on the PREMISES and to take possession of any personal property belonging to LESSEE and used in the conduct of the business, and to use the personal property in conducting the business on the PREMISES. Neither the application for the appointment of the receiver, nor the appointment of the receiver shall be construed as an election by LESSOR to terminate this LEASE unless a written notice of such intention is given to LESSEE.

XXI

Assignment or Subletting

LESSEE shall not assign this LEASE, or any rights under it, and shall not sublet the entire or any part of the PREMISES, or any right or privilege appurtenant to the PREMISES, or permit any other person (the agents and servants of LESSEE excepted) to occupy or use the entire or any portion of the PREMISES, without first obtaining LESSOR'S written consent; provided that the LESSOR shall not unreasonably withhold consent to assignment, sublease, or other transfer of use or possession of the PREMISES. A consent to one assignment, subletting, occupation or use by another person is not consent to a future assignment, subletting, occupation, or use by another person. An assignment or a subletting without LESSOR'S consent shall be void, and shall, at LESSOR'S option, terminate this LEASE. No interest of LESSEE in this LEASE shall be assignable by operation of law without LESSOR'S written consent.

XXII

Crop Mortgages

All crop mortgages, encumbrances or liens given or suffered by LESSEE on its share of the crops grown on the PREMISES shall be for terms or periods not extending beyond the term of this LEASE. All liens created by LESSEE must be satisfied of record by it before the end of the term. If a mortgage or lien creates a cloud on LESSOR'S title, LESSEE must pay all reasonable costs and expenses, including attorneys' fees, required for removal of the cloud, either

before or after the termination of the LEASE. No crop mortgage or lien given or suffered by LESSEE shall affect or in any manner encumber the crop share of LESSOR.

XXIII

Subordination--Sale of Premises

This LEASE shall be subordinate to any mortgages or deeds of trust that now exist or that may subsequently be placed on the PREMISES, to all advances made under them, to the interest on all obligations secured by them, and to all renewals, replacements, and extensions of them, unless the mortgagee or beneficiary in those mortgages or deeds of trust elects to recognize the LEASE of LESSEE in the event of foreclosure and provided that LESSEE is not then in default.

XXIV

Lease Termination

LEFT BLANK

XXV

Notices

Any notice to be given to either party by the other shall be in writing and shall be served either personally or by certified mail, return receipt requested, addressed as follows:

LESSOR: Piara S Rahul
 3241 Sierra Vista Dr
 Yuba City CA 95993

LESSEE: Golden Valley Farms
 PO BOX 3065
 Yuba City CA 95992

XXVI

Legal Effect

All covenants of LESSEE contained in this LEASE are expressly made conditions. The provisions of this LEASE shall be subject to the provisions regarding assignments, apply to and bind the heirs, successors, executors, administrators and assigns of the parties hereto and all parties to this LEASE shall be jointly and severally liable under it.

The titles or headings to the paragraphs of this LEASE are not a part of this LEASE and shall have no effect on the construction or interpretation of any part of this LEASE.

XXVII

Environmental Indemnity

LESSEE shall indemnify, hold harmless, and defend LESSOR from and against any and all claims or actions which arise from the use or release of hazardous materials upon property by LESSEE, LESSEE'S agents, assigns, vendors, suppliers, employees, or invitees. Hazardous materials shall include but not be limited to (A) any herbicides, pesticides, or fertilizers which are not shipped, stored, handled, mixed, applied, cleaned up, or disposed of: (I) in strict compliance with the manufacturer's instructions, and (II) in strict compliance with any applicable regulations established by any Federal, State, County, or Local agency; (B) any material now contained in, or that may be added to, the list of chemicals known to the State to cause cancer or reproductive toxicity, which is further contained in the State of California Health and Welfare Agency Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65); (C) any material defined as a "hazardous substance" in section 101(14) "infectious waster" or "hazardous material" as defined in sections 25117, 25117.5 or 25501(j) of the Health and Safety Code.

LESSEE covenants that it will not use or release any hazardous materials upon property. LESSEE further covenants that it will not knowingly allow the use or release of any hazardous material upon property, by any other party. In the event that any hazardous material is used or released which results in diminution, in value, of property or results in actions by Federal, State, County, or Local agencies, LESSEE shall conduct corrective work regardless of whether such actions are directed to LESSOR or LESSEE. Corrective work shall mean the removal, relocation, elimination, remediation or encapsulation of chemicals or other materials from all or any portion of property and to the extent thereby required the reconstruction and rehabilitation of said property pursuant to and in compliance with any requirements set forth by any Federal, State, County, or Local agencies, or to reverse any diminution, in value, of said property, that may have occurred.

XXVIII

Hunting Rights

All hunting rights and privileges on the leased PREMISES are reserved to LESSOR: provided that no damage shall be done by LESSOR or those claiming under LESSOR to any growing crops of LESSEE or other property rights of LESSEE under this LEASE.

LESSOR:

Piara S. Rahul

DATE: December 01, 2020

BY: *PIARA S. RAHUL*

LESSEE:

Golden Valley Farms

DATE: December 01, 2020

BY: 

1/11

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:
TRAINOR ROBERTSON
Attention: Jack S. Johal, Esquire
Post Office Box 255824
Sacramento, California 95865-5824

OFFICIAL RECORDS
RECORDED AT REQUEST OF
Robertson
2001 AUG 14 AM 10:33
YUBA CO. RECORDER
FRANCES J. FAIREY
FEE *35.00 rd*

06
✓
INDEXED

MAIL TAX STATEMENT TO:
Rahul Family Farms, L.P.
3241 Sierra Vista Way
Yuba City, California 95993

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED (Individual)

The undersigned grantors declare:

Documentary transfer tax is \$ none. **TRANSFER FOR NO CONSIDERATION.**

- () Computed on full value of property conveyed, or
- () Computed on full value less value of liens and encumbrances remaining at time of sale.
- (X) County of Yuba; (X) Unincorporated Area
APN: 03-040-015-000

FOR NO CONSIDERATION,

RAHUL FAMILY FARMS, LP, a California Limited Partnership, as to an undivided 33.50% interest; SUKHDIP SINGH RAHUL and DALJIT KAUR RAHUL, Husband and Wife, as to an undivided 16.50% interest; MALKIT SINGH BAINS and GURMIT KAUR BAINS, Husband and Wife, as to an undivided 12.50% interest; JASBIR SINGH BAINS and KULWINDER KAUR BAINS, Husband and Wife, as to an undivided 12.50% interest; SODHI SINGH BAINS and JASDIP KAUR BAINS, Husband and Wife, as to an undivided 12.50% interest; and JASWINDER KAUR BAINS, an unmarried woman, as to an undivided 12.50% interest

hereby GRANT(S) to

GOLDEN VALLEY FARMS, a California general partnership,

all of their right, title and interest in and to the following described real property located in the County of Yuba, State of California, as further described on Exhibit A, attached hereto and incorporated herein by this reference. :

2/11

This conveyance is to a limited partnership in which the proportional ownership interests of the underlying owners remain the same after the transfer, and does not constitute a change of ownership and is not subject to reassessment pursuant to Revenue and Taxation Code Section 62.

Dated: 7/27, 2001

RAHUL FAMILY FARMS, LP, a California
limited partnership

By: PIARA SINGH RAHUL
Piara Singh Rahul, General Partner

By: JOGINDER KAUR RAHUL
Joginder Kaur Rahul, General Partner

Dated: 7/27, 2001

Sukhdip Singh Rahul
SUKHDIP SINGH RAHUL

Dated: 7/25, 2001

Daljit Kaur Rahul
DALJIT KAUR RAHUL

Dated: 7/23, 2001

Malkit Singh Bains
MALKIT SINGH BAINS

Dated: 7/23, 2001

Gurmit Kaur Bains
GURMIT KAUR BAINS

Dated: 7/23, 2001

Jasbir Singh Bains
JASBIR SINGH BAINS

Dated: 7/25, 2001

Kulwinder Kaur Bains
KULWINDER KAUR BAINS

Dated: 7/26, 2001

Sodhi Singh Bains
SODHI SINGH BAINS

Dated: 7/27, 2001

Jasdip Kaur Bains
JASDIP KAUR BAINS

Dated: 7/25/01, 2001

Jaswinder Kaur Bains
JASWINDER KAUR BAINS

(acknowledgment to follow)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

200109334

3/11

No. 5907

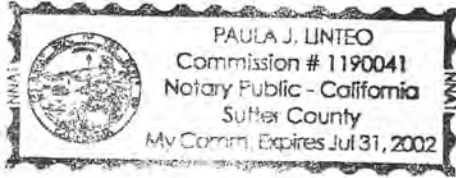
State of California

County of Sutter

On July 26, 2001 before me, Paula J. Linteo, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Piara Singh Rahul, Joginder Kaur Rahul
NAME(S) OF SIGNER(S)

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.

[Signature]
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- INDIVIDUAL
- CORPORATE OFFICER
- _____ TITLE(S)
- PARTNER(S) LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENT

Grant Deed
TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES)
Rahul Family Farms, LP, a California
Limited Partnership

SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

200109334

H/11

No. 5907

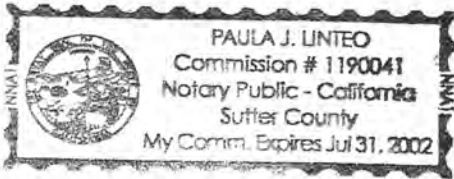
State of California

County of Sutter

On July 27, 2001 before me, Paula J. Linteo, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Sukhdip Singh Rahul
NAME(S) OF SIGNER(S)

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.

Paula J. Linteo
SIGNATURE OF NOTARY

OPTIONAL

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- CORPORATE OFFICER

TITLE(S)

- PARTNER(S) LIMITED
- ATTORNEY-IN-FACT GENERAL
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

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Grant Deed

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

20010933

6/11
No. 5907

State of California

County of Sutter

On July 23, 2001 before me, Paula J. Linteo, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Malkit Singh Bains and Gurmit Kaur Bains
NAME(S) OF SIGNER(S)

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.

Paula J. Linteo
SIGNATURE OF NOTARY

OPTIONAL

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- INDIVIDUAL
- CORPORATE OFFICER

TITLE(S)

- PARTNER(S) LIMITED
- GENERAL

ATTORNEY-IN-FACT

TRUSTEE(S)

GUARDIAN/CONSERVATOR

OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENT

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NAME OF PERSON(S) OR ENTITY(IES)

SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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No. 5907

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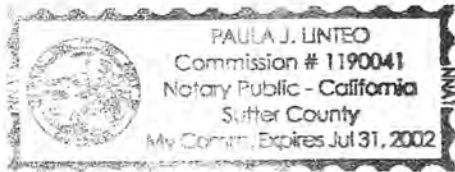
State of California

County of Sutter

On July 23, 2001 before me, Paula J. Linteo, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Jasbir Singh Bains
NAME(S) OF SIGNER(S)

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.

Paula J. Linteo
SIGNATURE OF NOTARY

OPTIONAL

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- CORPORATE OFFICER

TITLE(S)

- PARTNER(S) LIMITED
- ATTORNEY-IN-FACT GENERAL
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

DESCRIPTION OF ATTACHED DOCUMENT

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TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

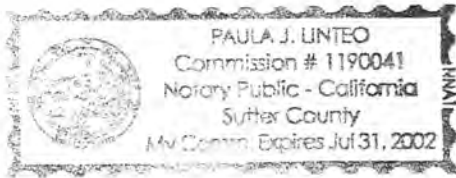
State of California

County of Sutter

On July 26, 2001 before me, Paula J. Linteo, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Sodhi Singh Bains
NAME(S) OF SIGNER(S)

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.

Paula J. Linteo

SIGNATURE OF NOTARY

OPTIONAL

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TITLE(S)

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- ATTORNEY-IN-FACT GENERAL
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

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SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

200109334

9/11

No. 5907

State of California

County of Sutter

On July 23, 2001 before me, Paula J. Linteo, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Jasdip Kaur Bains
NAME(S) OF SIGNER(S)

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.

Paula J. Linteo
SIGNATURE OF NOTARY

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DATE OF DOCUMENT

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

SIGNER(S) OTHER THAN NAMED ABOVE

200109334

10/11

EXHIBIT A

THE LAND REFERRED TO HEREIN IS DESCRIBED AS FOLLOWS:

ALL THAT CERTAIN REAL PROPERTY SITUATE IN THE UNINCORPORATED AREA, COUNTY OF YUBA, STATE OF CALIFORNIA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

PARCEL 1:

BEGINNING AT THE NORTHEASTERLY CORNER OF LOT 19, AS SHOWN UPON THE MAP ENTITLED, "TRACT B, PACIFIC HIGHWAY ORCHARDS," ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF YUBA, STATE OF CALIFORNIA, IN BOOK 3 OF MAPS, PAGE 15D, SAID POINT BEING NORTH 89° 45' EAST, A DISTANCE OF 526.68 FEET FROM THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 25, TOWNSHIP 17 NORTH, RANGE 3 EAST, M.D.B.&M., AS SAID SECTION IS EXTENDED INTO THE HONCUT RANCHO; THENCE FROM SAID POINT OF BEGINNING NORTH 89° 45' EAST ALONG THE SOUTHERLY LINE OF TRACT A PACIFIC HIGHWAY ORCHARDS; ON FILE IN THE OFFICE OF THE COUNTY RECORDER IN BOOK 3 OF MAPS, PAGE 15, A DISTANCE OF 2113.32 FEET TO THE QUARTER SECTION CORNER ON THE EAST LINE OF SAID SECTION 25; THENCE SOUTH 1° WEST ALONG THE EASTERLY LINE OF SAID SECTION, A DISTANCE OF 1307.46 FEET TO THE WESTERLY LINE OF THE LAND CONVEYED TO ANTONE G. ROSE ET AL, BY PARCEL NO. 2 OF THE DEED RECORDED SEPTEMBER 4, 1953 IN VOLUME 183 OF OFFICIAL RECORDS, PAGE 188; THENCE SOUTH 14° 30' WEST ALONG THE WESTERLY LINE OF THE LAND CONVEYED TO SAID ROSE, A DISTANCE OF 1984.62 FEET; THENCE SOUTH 89° 45' WEST, A DISTANCE OF 1629.54 FEET, MORE OR LESS, TO THE PRODUCTION SOUTHERLY OF THE EASTERLY LINE OF TRACT B OF PACIFIC HIGHWAY ORCHARDS; THENCE NORTH 1° EAST, ALONG THE EASTERLY LINE OF SAID TRACT B OF PACIFIC HIGHWAY ORCHARDS, A DISTANCE OF 3224.10 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT CERTAIN 12 FOOT STRIP OF LAND CONVEYED BY THE DEED FROM KATE M. TURSTEGGE TO DORA COOMBS, DATED MAY 31, 1904 AND RECORDED JUNE 8, 1904, IN VOLUME 53 OF DEEDS, PAGE 184, YUBA COUNTY RECORDS.

PARCEL 2:

BEGINNING AT THE QUARTER SECTION CORNER BETWEEN SECTION 25, TOWNSHIP 17 NORTH, RANGE 3 EAST, AND SECTION 30, TOWNSHIP 17 NORTH, RANGE 4 EAST, M.D.B.&M., AS SAID SECTIONS ARE EXTENDED INTO THE HONCUT RANCHO, THENCE NORTH 1° EAST ALONG THE WESTERLY LINE OF TRACT A, PACIFIC HIGHWAY ORCHARDS, A DISTANCE OF 679.80 FEET, MORE OR LESS, TO THE SOUTHERLY LINE OF LOT 1 OF SAID TRACT A; THENCE NORTH 89° 45' EAST ALONG THE SOUTHERLY LINE OF SAID LOT 1, A DISTANCE OF 483.78 FEET TO THE WESTERLY LINE OF THE LAND CONVEYED TO ANTONE G. ROSE, ET AL, BY PARCEL NO. 2 OF DEED RECORDED SEPTEMBER 4, 1953 IN VOLUME 183 OF OFFICIAL RECORDS, PAGE 188; THENCE SOUTH 14° 30' WEST ALONG THE WESTERLY LINE OF THE LAND CONVEYED TO SAID ROSE A DISTANCE OF 2053.92 FEET TO THE WESTERLY LINE OF SECTION 30, TOWNSHIP 17 NORTH, RANGE 4 EAST, M.D.B.&M., THENCE NORTH 1° EAST ALONG THE WESTERLY LINE OF SAID SECTION 30, A DISTANCE OF 1307.46 FEET TO THE POINT OF BEGINNING.

PARCEL THREE

Appurtenant to Parcels One and Two above described is an easement and right of way for ingress and egress, over the following described land:

Beginning at the point of intersection of the North Line of the Northwest quarter of Section 36, Township 17 North, Range 3 East, M.D.B. & M., with the east line of California State Highway 24;

200109334

11/11

thence North 89° 04' East along the Northerly line of said Section 36, a distance of 2632.50 feet to the Northeasterly corner of the said Northwest one-quarter of said Section 36; thence South 0° 15' West along the Easterly line of said Northwest one-quarter, a distance of 592.02 feet, more or less, to the Northerly line of the land described in deed recorded in Volume 270 of Official Records, page 102; thence North 88° 41' East, a distance of 541.4 feet; thence North 0° 03' East, a distance of 12.00 feet; thence South 88° 44' West a distance of 516.8 feet to the Southwest corner of Lot 26 of said Tract B, "Pacific Highway Orchards Tract"; thence along the West line of said Lot 26, North 0° 15' East, a distance of 604.02 feet to the Northwest corner thereof; thence South 89° 04' West along the Southerly line of Lots 25, 27, and 38 of said Tract B, "Pacific Highway Orchards Tract", a distance of 2664.79 feet, more or less, to the Easterly line of California State Highway 24; thence South along the Easterly line of said Highway, a distance of 24 feet to the point of beginning.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

5711

State of California

200109334

County of Sutter

On July 25, 2001 before me, Frances V. Mahon, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Daljit Kaur Rahul, Kulwinder Kaur Bains, and Jaswinder Kaur Bains
Name(s) of Signer(s)

- personally known to me
- 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.

Frances V. Mahon
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Grant Deed

Document Date: _____ Number of Pages: 2

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Daljit Kaur Rahul,
Kulwinder Kaur Bains, Jaswinder Kaur
Bains

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

APPENDIX B

California Historical Resources Information System

BUTTE
GLENN
LASSEN
MODOC
PLUMAS
SHASTA

SIERRA
SISKIYOU
SUTTER
TEHAMA
TRINITY

Northeast Information Center
1074 East Avenue, Suite F
Chico, California 95926
Phone (530) 898-6256
neinfoctr@csuchico.edu

January 20, 2024

Lacey McKinnon
lmckinnon@atlasenergyconsulting.com
5304133730

IC File # NE23-565 Non-Confidential Record Search - Standards

RE: Golden Valley Farms LLC
APN 024-150-083 & 024-150-018
USGS Gridley 7.5' (1973) & Gridley 15' (1952) quadrangle maps
60 acres (Butte County)

Lacey McKinnon:

In response to your request, a records search for the project cited above was conducted by examining the official maps and records for cultural resources and surveys in Butte County. Cultural resources in our inventory include archaeological objects, sites, landscapes, districts, and all manner of buildings and structures associated with past human activities. Please note that access to archaeological resource records is restricted to qualified individuals.

Results:

Archaeological Resources: According to our records, no resources of this type have been recorded within the project boundaries. In addition, two resources have been recorded within the one-mile vicinity.

Built Environment Resources: According to our records, no resources of this type have been recorded within or adjacent to the project boundaries. The Built Environment Resources Directory (BERD), which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places, does not list any properties within or adjacent to the proposed project area. The BERD is available online at: https://ohp.parks.ca.gov/?page_id=30338

Previous Investigations: According to our records, the project area has partially surveyed for cultural resources. Refer to the table below for additional information.

Report	Other IDs	Authors	Year	Month	Title	Publisher
NEIC-012987	NRCS - 13FY04-0008	Robert McCann	2014	May	Cultural Resources Survey Report for NRCS Project 13FY04-0008: Proposed Virginia Dent Micro Irrigation Project located in Butte County, California	USDA - NRCS

Historical Maps and Literature Search: The official records and maps for archaeological sites and surveys in Butte County were reviewed. Also reviewed: **National Register of Historic Places - Listed properties and Determined Eligible Properties** (2022); **California Register of Historical Resources** (2022); **California Points of Historical Interest** (2022); **California Inventory of Historic Resources** (1976); **California Historical Landmarks** (2022); **Archaeological Resource Directory** (2022); and **Handbook of North American Indians, Vol. 8, California** (1978).

The USGS Gridley 7.5' (1973) & Gridley 15' (1952) quadrangle maps depict archaeological sensitive areas within the project's region such as orchards. Structures, foundations, roads, waterways, and a railroad are located in the general project vicinity.

The project is located in a region utilized by Konkow populations at the time of Euro-American contact. Indigenous populations used the local region for seasonal and/or permanent settlement, as well as for the gathering of plants, roots, seeds, domestic materials, and hunting seasonal game. Historically, Euro-Americans utilized the region for mining and transportation opportunities.

Sensitivity Assessment and Recommendations:

Based upon the above information and local topography, the project area is considered low sensitivity for cultural resources. Portions of the project along existing sites, roads, and trails are sensitive for archaeological resources. Other areas of sensitivity are flats near creeks, springs, seeps, or rock outcrops that may be located in the project area.

Therefore, because the project area has not been previously surveyed for archaeological resources, we recommend that a professional consultant be contacted prior to ground disturbance. The project archaeologist can offer recommendations for avoidance and protection of any existing or newly identified resources. If the proposed project contains buildings or structures that meet the minimum age requirement (45 years in age or older) it is recommended that the resources be assessed by a qualified specialist familiar with architecture and history of the county. Review of the available historic building/structure data has included only those sources listed above and should not be considered comprehensive. A list of qualified consultants is available online at www.chrisinfo.org.

During any phase of parcel development, if any archaeological resources are encountered, all work should cease in the area of the find pending an examination of the site and materials by the project archaeologist. This request to cease work in the area of a potential archaeological find is intended for accidental discoveries made during construction activities and is not intended as a substitute for the recommended cultural resources survey. It is recommended that any identified cultural

resources be recorded on DPR 523 historic resource recordation forms, available online from the California Office of Historic Preservation (OHP): https://ohp.parks.ca.gov/?page_id=28351


If human remains are discovered, California Health and Safety Code Section 7050.5 requires you to protect the discovery and notify the county coroner, who will determine if the find is Native American. If the remains are recognized as Native American, the coroner shall then notify the Native American Heritage Commission (NAHC). California Public Resources Code Section 5097.98 authorizes the NAHC to appoint a Most Likely Descendant (MLD) who will make recommendations for the treatment of the discovery.

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

Not all known cultural resources have been recorded and submitted to the OHP, so this record search should not be considered an exhaustive list of all cultural resources present in your project area. DPR forms and reports that are used for recording and evaluating sites and individual resources are submitted to the Northeast Information Center by private and public agencies. Please note that the Northeast Information Center is not responsible for misinformation of coordinates presented on the submitted DPR forms. If a discrepancy is found, please contact the lead agency for more information.

Due to processing delays and other factors, not all of the cultural resource reports and resource records that have been submitted to the OHP are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for cultural resource management work in the search area. Finally, Native American tribes have cultural resource information not in the CHRIS Inventory, and the NAHC should be contacted at (916) 373-3710 for information regarding Native American representatives in the vicinity of the project.

Thank you for your dedication to preserving California's irreplaceable cultural heritage. Please feel free to contact us if you have any questions or need any further information or assistance.

Sincerely,

Ashlyn Weaver, M.A.
Coordinator & GIS Specialist
Northeast Information Center
(530) 898-6256

APPENDIX C



1/18/2024 NCIC File No.: YUB-24-5

Lacey McKinnon
Atlas Energy Consulting
240 W Main St Suite 220
Chico, CA 95928

Records Search Results for

49.60kW Solar Renewable Energy System for Golden Valley Farms / 889 Chandler Rd., Marysville, CA 95901, GPS: 39.295032, -121.580380, APN: 003-040-015-000 and Oroville Hwy., Marysville, CA 95901, GPS: 39.299348, -121.580207, APN: 003-040-015-000

Lacey McKinnon:

Per your request received by our office on 1/18/2024, a complete records search was conducted by searching California Historic Resources Information System (CHRIS) maps for cultural resource site records and survey reports in Yuba County within a 1/4-mile radius of the proposed project area.

Review of this information indicates that the proposed project area contains 0 recorded indigenous period/ethnographic-period cultural resource(s) and 0 recorded historic-period cultural resource(s). Additionally, 0 cultural resources study report(s) on file at this office cover(s) a portion of the proposed project area.

Outside the proposed project area, but within the 1/4-mile radius, the broader search area contains 0 recorded indigenous-period/ethnographic-period cultural resource(s) and 0 recorded historic-period cultural resource(s). Additionally, 1 cultural resources study report(s) on file at this office cover(s) a portion of the broader search area.

In this part of Yuba County, archaeologists locate indigenous-period/ethnographic-period habitation sites “along streams or on ridges or knolls, especially those with southern exposure” (Moratto 1984: 290). This region is known as the ethnographic-period territory of the Nisenan, also called the Southern Maidu. The Nisenan maintained permanent settlements along major rivers in the Sacramento Valley and foothills; they also periodically traveled to higher elevations (Wilson and Towne 1978: 387-389). The proposed project search area is situated in the Sacramento Valley about 0.7 miles south of South Honcut Creek. The project areas consist of farmland. Given the extent of known cultural resources and the environmental setting, there is **low potential** for locating indigenous-period/ethnographic-period cultural resources within the proposed project area.

The 1912 Honcut 7.5' USGS topographical map shows Chandler Road, the Western Pacific Railroad, and

the Feather River/Honcut Creek Levee in the broader vicinity of the project areas. The 1952 Honcut 7.5' USGS topographical map shows the same features in addition to two wells in the vicinity of the project area located at 39.295032, -121.580380. Given the extent of known cultural resources and patterns of local history, there is **low potential** for locating historic-period cultural resources within the proposed project area.

LITERATURE REFERENCED DURING SEARCH:

In addition to the official records and maps for sites and studies in Yuba County, the following inventories and references were also reviewed: National Register of Historic Places and California Register of Historical Resources - Listed properties; California Inventory of Historic Resources (1976); California State Historical Landmarks; California Points of Historical Interest; Office of Historic Preservation Built Environment Resources Directory; Office of Historic Preservation Archaeological Resources Directory; Caltrans State and Local Bridge Surveys; Gold Districts of California (Clark 1970); California Gold Camps (Gudde 1975); California Place Names (Gudde 1969); Historic Spots in California (Hoover et al. 1966 [1990]); Trail of the First Wagons Over the Sierra Nevada (Graydon 1986); California Archaeology (Moratto 1984); Smithsonian Institution's Handbook of North American Indians, Volume 8, California (Wilson and Towne 1978); United States Geological Survey Topographical Maps; Bureau of Land Management Plat Maps; and Nationwide Environmental Title Research Historic Aerial Imagery.

SENSITIVITY STATEMENT:

- 1) With respect to cultural resources, it appears that the proposed project area **is not sensitive**.
- 2) Should the lead agency/authority require a cultural resources survey, a list of qualified local cultural resources consultants can be found at <http://chrisinfo.org>. Please forward copies of any resulting reports and resource records from this project to the North Central Information Center (NCIC) as soon as possible. The lead agency/authority and cultural resources consultant should coordinate sending documentation to NCIC. Digital materials are preferred and can be sent to our office via our file transfer system. Please contact NCIC for instructions.
- 3) If cultural resources are encountered during the project, avoid altering the materials and their context until a qualified cultural resources professional has evaluated the project area. Project personnel should not collect cultural resources. Indigenous-period/ethnographic-period resources include: chert or obsidian flakes, projectile points, and other flaked-stone artifacts; mortars, grinding slicks, pestles, and other groundstone tools; and dark friable soil containing shell and bone dietary debris, heat affected rock, or human burials. Historic-period resources include: stone or adobe foundations or walls; structures and remains with square nails; mine shafts, tailings, or ditches/flumes; and refuse deposits or bottle dumps, often located in old wells or privies.
- 4) Identified cultural resources should be recorded on DPR 523 (A-L) historic resource recordation forms, available at https://ohp.parks.ca.gov/?page_id=28351.
- 5) Review for possible historic-period cultural resources has included only those sources listed in the referenced literature and should not be considered comprehensive. The Office of Historic Preservation has determined that buildings, structures, and objects 45 years or older may be of historical value. If the area of potential effect contains such properties not noted in our research, they should be assessed by an architectural historian before commencement of project activities.

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

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

Thank you for using our services. Please contact North Central Information Center at ncic@csus.edu or (916) 278-6217 if you have any questions about this records search.

Sincerely,

Paul Rendes, Coordinator
North Central Information Center

APPENDIX D



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:

January 19, 2024

Project Code: 2024-0038441

Project Name: 49.60kW Solar RES for Golden Valley Farms - Butte (Array 1)

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 IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through IPaC 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: <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.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 [Migratory Bird Permit | What We Do | U.S. Fish & Wildlife Service \(fws.gov\)](#).

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/library/collections/threats-birds>.

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/partner/council-conservation-migratory-birds>.

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: 2024-0038441

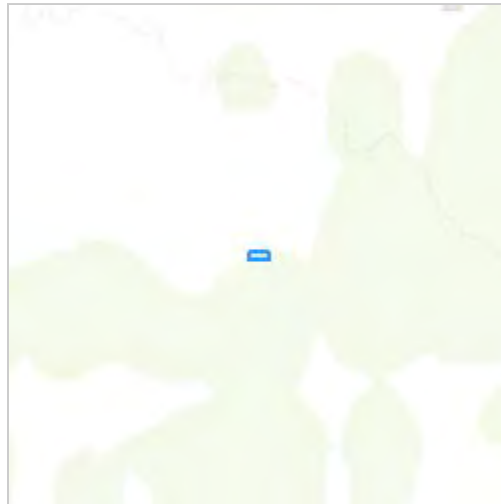
Project Name: 49.60kW Solar RES for Golden Valley Farms - Butte (Array 1)

Project Type: Power Gen - Solar

Project Description: The 49.6kW renewable energy solar project will be broken into three arrays on two parcels a couple miles apart. The GPS location of each of array is listed below. The combined systems consist of 124 QCells QPeak (400W) modules and 3 SMA STP inverters. The modules on each of the three arrays will be oriented landscape 180° with a 30° tilt using ground-mounted ProSolar GroundTrac Racking. The renewable energy system is based on the previous 12 months electrical usage of the meter being offset by the project. This 49.6kW renewable energy solar project will help reduce the operating costs of Golden Valley Farms. Currently there is a large variability month to month in the cost of energy. Installing solar will help reduce both the overall cost of energy and the variability of those costs.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@39.32932205,-121.65160495150309,14z>



Counties: Butte County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 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.

REPTILES

NAME	STATUS
Giant Garter Snake <i>Thamnophis gigas</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4482	Threatened
Northwestern Pond Turtle <i>Actinemys marmorata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1111	Proposed Threatened

AMPHIBIANS

NAME	STATUS
Western Spadefoot <i>Spea hammondi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5425	Proposed 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
Valley Elderberry Longhorn Beetle <i>Desmocerus californicus dimorphus</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/7850	Threatened

CRUSTACEANS

NAME	STATUS
Vernal Pool Fairy Shrimp <i>Branchinecta lynchi</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/498	Threatened
Vernal Pool Tadpole Shrimp <i>Lepidurus packardii</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/2246	Endangered

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: Private Entity
Name: Lacey McKinnon
Address: 240 W Main St
Address Line 2: Suite 220
City: Chico
State: CA
Zip: 95926
Email: lmckinnon@atlasenergyconsulting.com
Phone: 5304133730



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:

January 19, 2024

Project Code: 2024-0038451

Project Name: 49.60kW Solar RES for Golden Valley Farms - Yuba North Pump (Array 2)

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 IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through IPaC 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: <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

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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/library/collections/threats-birds>.

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/partner/council-conservation-migratory-birds>.

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

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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: 2024-0038451

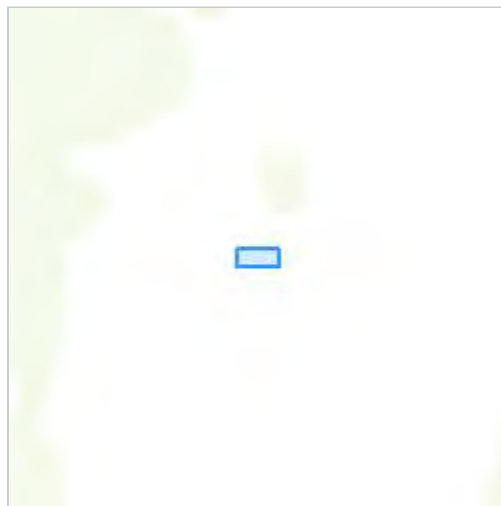
Project Name: 49.60kW Solar RES for Golden Valley Farms - Yuba North Pump (Array 2)

Project Type: Power Gen - Solar

Project Description: The 49.6kW renewable energy solar project will be broken into three arrays on two parcels a couple miles apart. The GPS location of each of array is listed below. The combined systems consist of 124 QCells QPeak (400W) modules and 3 SMA STP inverters. The modules on each of the three arrays will be oriented landscape 180° with a 30° tilt using ground-mounted ProSolar GroundTrac Racking. The renewable energy system is based on the previous 12 months electrical usage of the meter being offset by the project. This 49.6kW renewable energy solar project will help reduce the operating costs of Golden Valley Farms. Currently there is a large variability month to month in the cost of energy. Installing solar will help reduce both the overall cost of energy and the variability of those costs.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@39.2992591,-121.58028962420047,14z>



Counties: Yuba County, California

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Lacey McKinnon
Address: 240 W Main St
Address Line 2: Suite 220
City: Chico
State: CA
Zip: 95926
Email: lmckinnon@atlasenergyconsulting.com
Phone: 5304133730

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 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.

REPTILES

NAME	STATUS
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Northwestern Pond Turtle <i>Actinemys marmorata</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1111	Proposed Threatened

AMPHIBIANS

NAME	STATUS
Western Spadefoot <i>Spea hammondi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5425	Proposed 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
Valley Elderberry Longhorn Beetle <i>Desmocerus californicus dimorphus</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/7850	Threatened

CRUSTACEANS

NAME	STATUS
Vernal Pool Fairy Shrimp <i>Branchinecta lynchi</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/498	Threatened
Vernal Pool Tadpole Shrimp <i>Lepidurus packardii</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/2246	Endangered

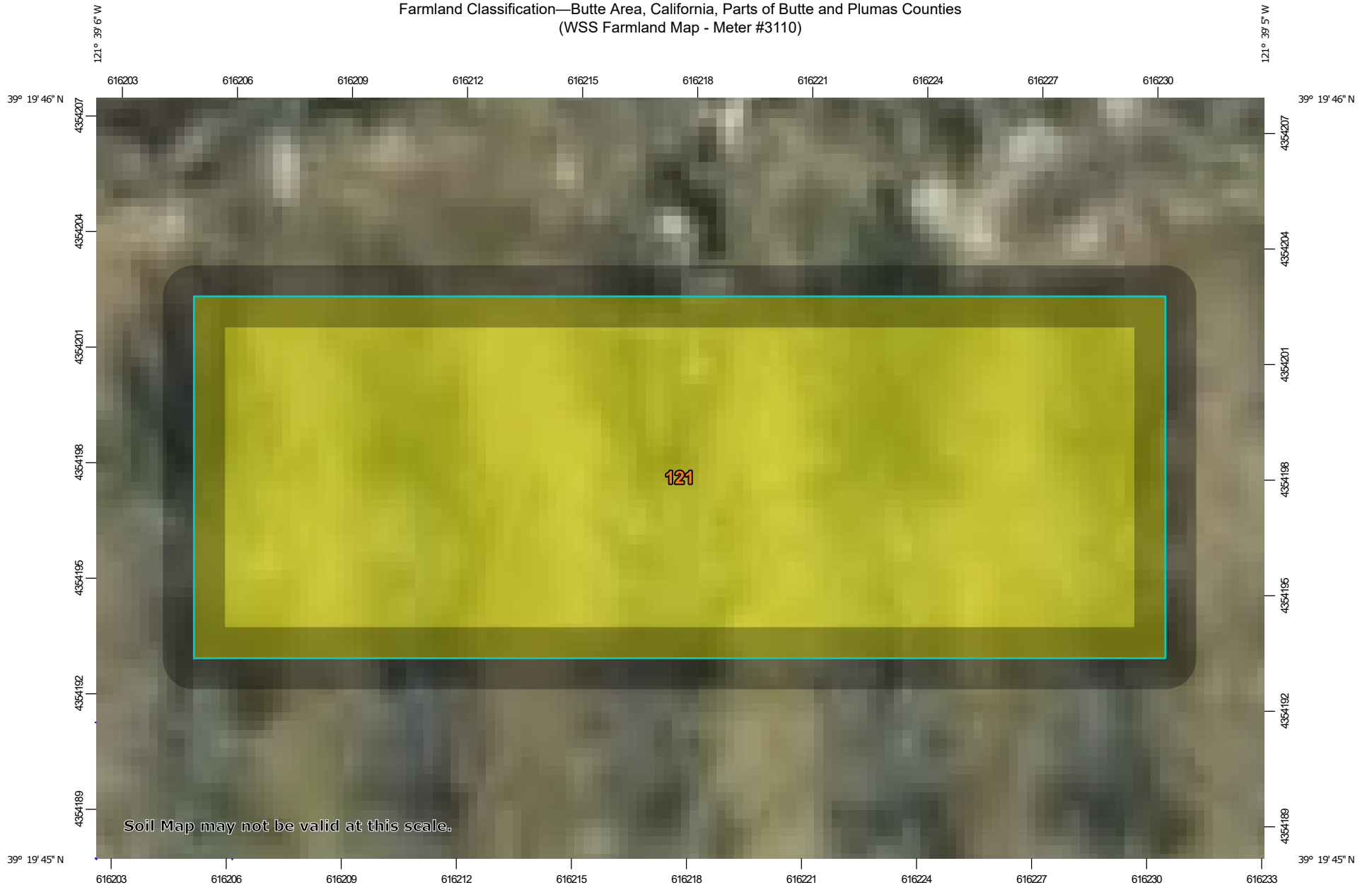
CRITICAL HABITATS

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.

APPENDIX E

Farmland Classification—Butte Area, California, Parts of Butte and Plumas Counties
(WSS Farmland Map - Meter #3110)



Map Scale: 1:139 if printed on A landscape (11" x 8.5") sheet.




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



Farmland Classification—Butte Area, California, Parts of Butte and Plumas Counties
(WSS Farmland Map - Meter #3110)









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60





































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available






















Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Butte Area, California, Parts of Butte and Plumas Counties
(WSS Farmland Map - Meter #3110)

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium		Farmland of unique importance		Prime farmland if subsoiled, completely removing the root inhibiting soil layer
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Not prime farmland		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
	Prime farmland if irrigated and reclaimed of excess salts and sodium		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season		Prime farmland if drained		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if thawed		Prime farmland if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance
	Farmland of statewide importance, if drained		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of local importance		Prime farmland if irrigated		Farmland of statewide importance, if drained
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season				Farmland of local importance, if irrigated		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
	Farmland of statewide importance, if irrigated						Prime farmland if irrigated and drained		Farmland of statewide importance, if irrigated
							Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		

Farmland Classification—Butte Area, California, Parts of Butte and Plumas Counties
(WSS Farmland Map - Meter #3110)

<ul style="list-style-type: none">  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if irrigated and drained  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60 	<ul style="list-style-type: none">  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough  Farmland of statewide importance, if thawed  Farmland of local importance  Farmland of local importance, if irrigated 	<ul style="list-style-type: none">  Farmland of unique importance  Not rated or not available <p>Water Features</p> <ul style="list-style-type: none">  Streams and Canals <p>Transportation</p> <ul style="list-style-type: none">  Rails  Interstate Highways  US Routes  Major Roads  Local Roads <p>Background</p> <ul style="list-style-type: none">  Aerial Photography 	<p>The soil surveys that comprise your AOI were mapped at 1:24,000.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Butte Area, California, Parts of Butte and Plumas Counties Survey Area Data: Version 21, Aug 28, 2023</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Dec 6, 2018—Dec 12, 2018</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>
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Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
121	Boga-Loemstone , 0 to 1 percent slopes	Prime farmland if irrigated	0.1	100.0%
Totals for Area of Interest			0.1	100.0%

Description

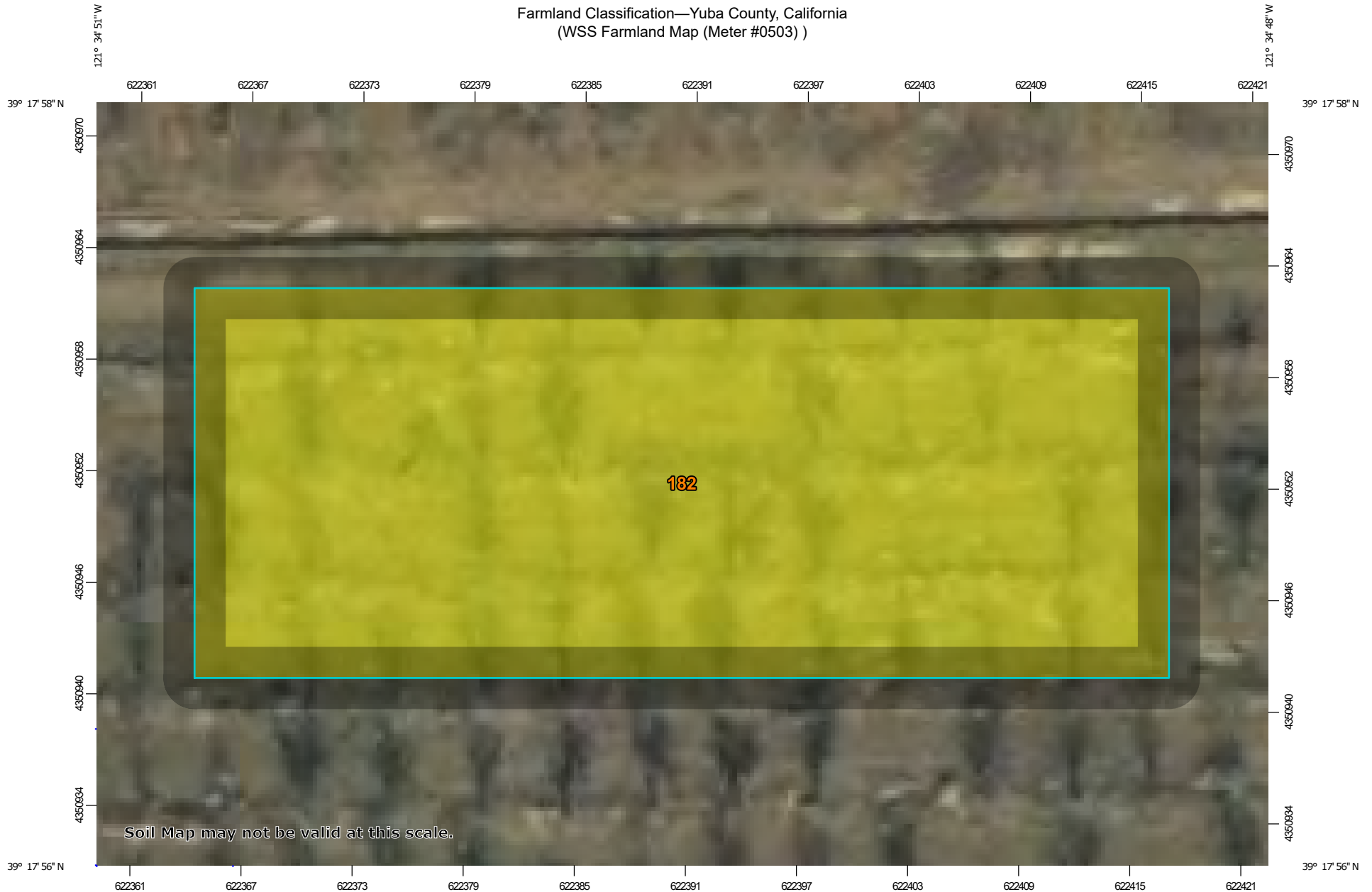
Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

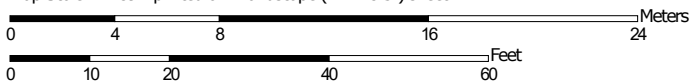
Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Farmland Classification—Yuba County, California
(WSS Farmland Map (Meter #0503))



Map Scale: 1:289 if printed on A landscape (11" x 8.5") sheet.




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

Farmland Classification—Yuba County, California
(WSS Farmland Map (Meter #0503))









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60





































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available





















Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Yuba County, California
(WSS Farmland Map (Meter #0503))

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium		Farmland of unique importance		Prime farmland if subsoiled, completely removing the root inhibiting soil layer
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Soil Rating Points Not prime farmland		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
	Prime farmland if irrigated and reclaimed of excess salts and sodium		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season		Prime farmland if drained		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if warm enough		Prime farmland if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance
	Farmland of statewide importance, if drained		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if thawed		Prime farmland if irrigated		Farmland of statewide importance, if drained
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season				Farmland of local importance		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
	Farmland of statewide importance, if irrigated				Farmland of local importance, if irrigated		Prime farmland if irrigated and drained		Farmland of statewide importance, if irrigated
							Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		

Farmland Classification—Yuba County, California
(WSS Farmland Map (Meter #0503))

<ul style="list-style-type: none">  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if irrigated and drained  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60 	<ul style="list-style-type: none">  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough  Farmland of statewide importance, if thawed  Farmland of local importance  Farmland of local importance, if irrigated 	<ul style="list-style-type: none">  Farmland of unique importance  Not rated or not available <p>Water Features</p> <ul style="list-style-type: none">  Streams and Canals <p>Transportation</p> <ul style="list-style-type: none">  Rails  Interstate Highways  US Routes  Major Roads  Local Roads <p>Background</p> <ul style="list-style-type: none">  Aerial Photography 	<p>The soil surveys that comprise your AOI were mapped at 1:24,000.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Yuba County, California Survey Area Data: Version 18, Aug 28, 2023</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Dec 6, 2018—Dec 12, 2018</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>
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Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
182	Kilaga clay loam, 0 to 1 percent slopes	Prime farmland if irrigated	0.3	100.0%
Totals for Area of Interest			0.3	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

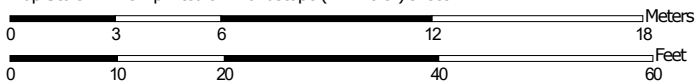
Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Farmland Classification—Yuba County, California
(WSS Farmland Map - Meter #8663)



Map Scale: 1:215 if printed on A landscape (11" x 8.5") sheet.




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



Farmland Classification—Yuba County, California
(WSS Farmland Map - Meter #8663)









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60




































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available






















Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
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-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Yuba County, California
(WSS Farmland Map - Meter #8663)

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium		Farmland of unique importance		Prime farmland if subsoiled, completely removing the root inhibiting soil layer
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Soil Rating Points Not prime farmland		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
	Prime farmland if irrigated and reclaimed of excess salts and sodium		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season		Prime farmland if drained		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if warm enough		Prime farmland if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance
	Farmland of statewide importance, if drained		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if thawed		Prime farmland if irrigated		Farmland of statewide importance, if drained
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season				Farmland of local importance		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
	Farmland of statewide importance, if irrigated				Farmland of local importance, if irrigated		Prime farmland if irrigated and drained		Farmland of statewide importance, if irrigated
							Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		

Farmland Classification—Yuba County, California
(WSS Farmland Map - Meter #8663)

<ul style="list-style-type: none">  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if irrigated and drained  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60 	<ul style="list-style-type: none">  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough  Farmland of statewide importance, if thawed  Farmland of local importance  Farmland of local importance, if irrigated 	<ul style="list-style-type: none">  Farmland of unique importance  Not rated or not available <p>Water Features</p> <ul style="list-style-type: none">  Streams and Canals <p>Transportation</p> <ul style="list-style-type: none">  Rails  Interstate Highways  US Routes  Major Roads  Local Roads <p>Background</p> <ul style="list-style-type: none">  Aerial Photography 	<p>The soil surveys that comprise your AOI were mapped at 1:24,000.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Yuba County, California Survey Area Data: Version 18, Aug 28, 2023</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Dec 6, 2018—Dec 12, 2018</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>
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Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
182	Kilaga clay loam, 0 to 1 percent slopes	Prime farmland if irrigated	0.2	100.0%
Totals for Area of Interest			0.2	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower