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**--DRAFT--  
MITIGATED NEGATIVE DECLARATION**

**Meeting Date:** January 20, 2021

**Project Title:** **Conditional Use Permit 2019-001  
Agriculture Livestock Washout**

**Lead Agency:** Glenn County Planning & Comm. Development Services Agency  
225 North Tehama Street  
Willows, California 95988

**Contact Person:** Andy Popper, Senior Planner  
(530) 934-6540  
[apopper@countyofglenn.net](mailto:apopper@countyofglenn.net)

**Project Summary:** James Olson has applied for a Conditional Use Permit to operate an agriculture livestock washout. No new structures are being proposed; the washout is proposed to operate on an existing cement slab. According to application materials this project will not have any employees and the washout can be accessed 24/7.

**Project Location:** The project site is 7120 County Road 9, approximately 3-miles northeast of Orland. The site is located on the north side of County Road 9, east of County Road P, south of Tehama/Glenn County Line and west of County Road QQ, within the unincorporated area of Glenn County, California.

**APN:** 044-200-007 (19.55± acres)

**Applicant/  
Landowner:** James Olson  
7120 County Road 9  
Orland, CA 95963

**General Plan:** "Intensive Agriculture"

**Zoning:** "AE-40" Exclusive Agriculture (36-acre minimum parcel size)

**FINDINGS FOR MITIGATED NEGATIVE DECLARATION**

An Initial Study has been prepared by the Glenn County Planning & Community Development Services Agency. Based on this study, it is determined that the proposed project will not have a significant effect on the environment. The following Findings are made based on the Initial Study to support a Mitigated Negative Declaration:

### Finding 1 (Aesthetics)

The project will not have a significant impact on aesthetics. The adopted standards for lighting and construction will minimize impacts from future development. The project is compatible with existing uses in the area. Impacts are considered less than significant.

### Finding 2 (Agricultural and Forest Resources)

The project will not have a significant impact on agriculture or forest resources. The proposed project will not conflict with existing zoning for, or cause rezoning of, forestland, timberland, or timberland zoned Timberland Production. The project does not involve construction or conversion of forestland and no trees will be removed. Agricultural activities within the vicinity will not be adversely impacted by this project. No significant change in the current use of the land will result, therefore impacts are considered less than significant.

### Finding 3 (Air Quality)

The project will not have a significant impact on air quality with mitigation measure incorporated. The project will not violate air quality standards or contribute substantially to an existing air quality violation. Additionally, the project will not adversely impact sensitive receptors nor would it create objectionable odors. Impacts are considered less than significant with the following mitigation measure incorporated.

#### Mitigation Measure AQ-1 (Air Quality)

*The applicant shall obtain an Authorization to Construct and Permit to Operate (or exemption thereof) approved by the Glenn County Air Pollution Control District. A fully executed copy shall be provided to the Planning Division prior to operation commencement.*

#### Mitigation Measure AQ-2 (Air Quality)

*The applicant shall submit a copy of an Odor Control Plan (or exemption thereof) approved by the Glenn County Air Pollution Control District. A fully executed copy shall be provided to the Planning Division prior to the issuance of a building permit or any other permit for site development.*

### Finding 4 (Biological Resources)

The project will not have a significant impact on biological resources. There are no identified sensitive habitats or natural communities within the project site; therefore, the project will have a less than significant impact on species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service. Impacts are considered less than significant.

### Finding 5 (Cultural Resources)

The project will not have significant impact on cultural resources with mitigation measures incorporated. State laws are in place in case of accidental discoveries made. Impacts are considered less than significant with mitigation measures incorporated.

Mitigation Measure CR-1 (Cultural Resources)

*If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeologist, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:*

- *If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately and no agency notifications are required.*
- *If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, he or she shall immediately notify the lead federal agency, the lead CEQA agency, and applicable landowner. The agencies shall consult on a finding of eligibility and implement appropriate treatment measures if the find is determined to be eligible for inclusion in the NRHP or CRHR. Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the site either:*
  - 1) is not eligible for the NRHP or CRHR; or*
  - 2) that the treatment measures have been completed to their satisfaction.*
- *If the find includes human remains, or remains that are potentially human, he or she shall ensure reasonable protection measures are taken to protect the discovery from disturbance (Assembly Bill [AB] 2641). The archaeologist shall notify Glenn County Coroner (as per § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California PRC, and AB 2641 will be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the NAHC, which then will designate a Native American Most Likely Descendant (MLD) for the Project (§ 5097.98 of the PRC). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the PRC). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (§ 5097.98 of the PRC). This will also include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the treatment measures have been completed to their satisfaction.*



#### Finding 6 (Energy)

The project will not have a significant impact on energy. The project will comply with California Green Building Standards as well as California Energy Code. The project will not with conflict or obstruct state or local plans for renewable or efficient energy.

#### Finding 7 (Geology and Soils)

The project will not have a significant impact on geology and soils because geologic hazards in the area are minimal and the building codes will require construction to meet standards for soil conditions. Impacts are considered less than significant.

#### Finding 8 (Greenhouse Gas Emissions)

The project will not have a significant impact on global climate change as a result of greenhouse gas emissions. The project is not in conflict with existing guidelines or standards. The project will not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases. The project will not create significant changes in GHG emissions. Impacts are considered less than significant.

#### Finding 9 (Hazards and Hazardous Materials)

Hazards and hazardous materials will not have a significant impact on the environment as a result of the proposed project. The project will not interfere with an adopted emergency response plan nor expose people to risk of loss, injury, or death. The project does not propose the use of hazardous materials either directly or indirectly. Impacts are considered less than significant.

#### Finding 10 (Hydrology/Water Quality)

The project will not have a significant impact on hydrology and water quality because the project will not significantly alter the drainage pattern of the area. The project will not significantly interfere with groundwater recharge in the area. The project will not substantially deplete groundwater supplies or expose people or structures to a significant risk of loss, injury, or death involving flooding. The project will not violate water quality standards or waste discharge requirements. Impacts are considered less than significant.

#### Finding 11 (Land Use and Planning)

The project will not have a significant impact on land use and planning because the project would not physically divide an established community. The project is consistent with the Glenn County General Plan land use designation of “Intensive Agriculture” as well as Title 15 of Glenn County Code. The project will not conflict with an existing habitat conservation plan or natural community conservation plan. No impacts are anticipated.

#### Finding 12 (Mineral Resources)

The project will not have a significant impact on mineral resources; according to the California Department of Conservation Mineral Lands Classification Map, the property does not contain significant Concrete-Grade Mineral Aggregates. Impacts are considered less than significant.

#### Finding 13 (Noise)

The project will not have a significant impact on people residing or working in the area from excessive noise levels. The proposed project will not substantially increase noise levels in the area or expose people in the area to excessive noise levels. Future noise generating activities are required to meet the established standards prescribed by the County Code. The project site is not directly within an airport land use plan and not in the vicinity of a private airstrip which would expose people in the area to unacceptable noise levels. Impacts are considered less than significant.

#### Finding 14 (Population and Housing)

The project will not have a significant impact on population and housing because the project will not displace people or housing. The project does not induce population growth. Impacts are considered less than significant.

#### Finding 15 (Public Services)

The project will not have a significant impact on public services. The services of fire protection, police protection, schools, parks, and other public facilities are sufficient to accommodate the proposed project. Existing requirements for taxes and developmental impact fees are implemented to assist in offsetting impacts.

#### Finding 16 (Recreation)

The project will not have a significant impact on recreation because it would not substantially increase the use of existing recreational facilities nor does the project include such facilities. No impacts are anticipated.

#### Finding 17 (Transportation)

The project will not have a significant impact on transportation/circulation because it will not significantly increase traffic volumes on existing roads. The project will not change air traffic patterns. There is adequate access to the project site. Public roads will provide adequate emergency access to the project site. Alternative transportation plans will not be impacted. Impacts are considered less than significant.

#### Finding 18 (Tribal Cultural Resources)

The project will not have a significant impact on Tribal Cultural Resources with mitigation measures incorporated. Native Tribes were sent project documentation; additionally, the Northeast Information Center of the California Historical Resources Information System states that there are no prehistoric or historic resources in the project area. It is concluded this proposal will not have a significant impact with mitigation measures incorporated.

#### Mitigation Measure TCR -1 (Tribal Cultural Resources)

*In the event that any prehistoric or historic subsurface cultural (including Tribal) resources are discovered during ground disturbing activities, all work within 100 feet of the resources shall be halted and the applicant/operator shall consult with the County and a qualified archaeologist (as approved by the County) and corresponding tribal representative to assess the significance of the find per CEQA Guidelines Section 15064.5. The qualified archaeologist shall determine the nature of the find, evaluate its significance, and, if necessary, suggest preservation or*

*mitigation measures. Appropriate mitigation measures, based on recommendations listed in the archaeological survey report and tribal representative, will be determined by the Glenn County Planning & Community Development Services Agency. Work may proceed on other parts of the project site while mitigation for historical resources, unique archaeological resources, and/or tribal resources is carried out. All significant cultural materials recovered shall be, at the discretion of the consulting archaeologist, subject to scientific analysis, professional museum curation, tribal representative, and documented according to current professional standards.*

Finding 19 (Utilities and Service Systems)

The project will not have a significant impact on utilities and service systems. The project will not require or result in new or expanded municipal facilities that could cause significant environmental effects. Onsite water and future development is required to meet local, state, federal and utility company standards. Impacts are considered less than significant.

Finding 20 (Wildfire)

The project will not have a significant impact on wildfires. The project will not impair an adopted emergency response plan or emergency evacuation plan. The project will not exacerbate wildfire risk, and no new infrastructure is being proposed. The site is relatively flat. Impacts are considered less than significant.

Finding 21 (Mandatory Findings of Significance)

There is no substantial evidence in light of the whole record that the project may have a significant impact on the environment either cumulatively or individually. Impacts are considered less than significant.

## **CHAPTER 1 INTRODUCTION**

### **1.1 INTRODUCTION AND REGULATORY GUIDANCE**

This Initial Study has been prepared by the County of Glenn to evaluate the potential impacts on the environment that could result from the implementation of the proposed project and to identify, if necessary, any mitigation measures that will reduce, offset, minimize, avoid, or otherwise compensate for significant environmental impacts.

This Initial Study has been prepared in accordance with the requirements of the California Environmental Quality Act (CEQA), encoded in Sections 21000 *et seq.* of the Public Resources Code (PRC) with Guidelines for Implementation codified in the California Code of Regulations (CCR), Title 14, Chapter 3, Sections 15000 *et seq.*

An initial study is conducted by a lead agency to determine if a project may have a significant effect on the environment [CEQA Guidelines §15063(a)]. If there is substantial evidence that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) must be prepared, in accordance with CEQA Guidelines §15064(a). However, if the lead agency determines that there is no substantial evidence that the project may have a significant effect on the environment, a Negative Declaration may be prepared [CEQA Guidelines §15064(f)(3)]. The lead agency prepares a written statement describing the reasons a proposed project would not have a significant effect on the environment and, therefore, why an EIR need not be prepared. This document conforms to the content requirements under CEQA Guidelines §15071.

Alternatively, a Mitigated Negative Declaration may be prepared if the Initial Study identifies a potentially significant effect for which the project's proponent, before public release of a proposed Mitigated Negative Declaration, has made or agrees to make project revisions that mitigate the effects [CEQA Guidelines §15064(f)(2)].

Approval of the proposed project requires discretionary action by the County. According to CEQA Guidelines, a discretionary action or project must be reviewed by the lead agency, to determine its potential effects on the environment. Prior to preparation of the Initial Study, a Request for Review, which included a copy of the application and project description, was sent out by the County of Glenn to responsible and trustee state agencies, and local agencies and organizations to identify issues to be addressed in the Initial Study. Comments received were considered during the preparation of the Initial Study.

### **1.2 LEAD AGENCY**

The lead agency is the public agency with primary approval authority over the proposed project. In accordance with CEQA Guidelines §15051(b)(1), "the lead agency will normally be an agency with general governmental powers, such as a city or county, rather than an agency with a single or limited purpose."

The lead agency for the proposed project is Glenn County (Planning & Community Development Services). The contact person for the lead agency to whom inquiries and comments on this environmental document should be addressed is:

Andy Popper, Senior Planner  
Glenn County Planning & Community Development Services Agency  
225 North Tehama Street, Willows, CA 95988  
(530) 934-6540, [apopper@countyofglenn.net](mailto:apopper@countyofglenn.net)

### **1.3 SUMMARY OF FINDINGS**

This document contains the Environmental (Initial Study) Checklist that identifies the potential environmental impacts (by environmental issue) and a brief discussion of each impact resulting from implementation of the proposed project.

In accordance with §15064(f) of the CEQA Guidelines, a Mitigated Negative Declaration (MND) shall be prepared if the proposed project will not have a significant effect on the environment after the inclusion of mitigation measures in the project. Based on the available project information and the environmental analysis presented in this document, there is no substantial evidence that, after the incorporation of mitigation measures, that the proposed project would have a significant effect on the environment. It is proposed that a MND be adopted in accordance with the CEQA Guidelines.

## CHAPTER 2 PROJECT DESCRIPTION

### 2.1 PROJECT DESCRIPTION

This Initial Study has been prepared for a Conditional Use Permit to operate an agriculture livestock washout. No new structures are being proposed; the washout is proposed to operate on an existing cement slab. According to application materials this project will not have any employees and the washout can be accessed 24/7. Additional project information/documentation is included with the application, project narrative, and plot plan. Glenn County Code sections 15.330.040(L) *sales and services to farmers or farm-related activities* and 15.330.040(R) *public dumping and disposal areas* are permitted with a Conditional Use Permit approved by the Glenn County Planning Commission.

### 2.2 Location

The project site is 7120 County Road 9, approximately 3-miles northeast of Orland. The site is located on the north side of County Road 9, east of County Road P, south of Tehama/Glenn County Line and west of County Road QQ, within the unincorporated area of Glenn County, California.

### 2.3 Surrounding Land Uses and Setting

The 19.55± acre property consists of primarily agricultural uses consisting of pasture, the truck wash facility with a drainage ditch, and a as residence with ancillary buildings. The site surroundings include agricultural uses. The land uses within three miles of the facility are primarily agricultural and all parcels within one mile of the project site are zoned for agricultural purposes. Orchards are located on all adjacent properties, excluding to the southwest which is pasture ground. Additionally, there are dairies in the vicinity. Topography at the project site and surrounding areas is relatively flat with an elevation of approximately 215 feet above sea level. There is an existing ingress/egress access to the project site from County Road 9 (Wyo Road). The project is located northeast of Orland. Surface water near the facility consists mainly of irrigation ditches. The north bank of Stony Creek is located approximately 0.9 miles south of the project location.

**Table 1** identifies the existing uses, General Plan designation and Zoning designations for the project site and neighboring properties. All surrounding parcels are zoned for Agriculture and designated Intensive Agriculture in the general plan.

<b>Table 1: Existing Uses and Land Use Designations</b>			
	<b>Existing Uses</b>	<b>General Plan</b>	<b>Zoning Designations</b>
Project Site	Pasture/Residence/Wash	Intensive Agriculture	AE-40
North	Agriculture/Residence	Intensive Agriculture	AE-40
East	Agriculture/Residence	Intensive Agriculture	AE-40
South	Agriculture	Intensive Agriculture	AP-80
West	Agriculture/Residence	Intensive Agriculture	AE-40

## CHAPTER 3 ENVIRONMENTAL CHECKLIST

### PURPOSE OF THIS INITIAL STUDY

This Initial Study has been prepared consistent with CEQA Guidelines Section 15063, to determine if the project, as proposed, may have a significant effect upon the environment.

A significant impact is considered a substantial adverse effect, one that exceeds some critical and accepted threshold for negative environmental effects. CEQA defines a significant effect on the environment as "...a substantial, or potentially substantial, adverse (i.e., negative) change in any of the physical conditions within the area directly or indirectly caused by the Project, including effects on land, air, water, flora, fauna, ambient noise, and objects of historic or aesthetic "significance" (CEQA Guidelines, §15382). As recommended in the CEQA Guidelines, impacts are also identified as "potentially significant" prior to mitigation.

Mitigation Measures are measures to mitigate, avoid, or substantially lessen impacts identified as significant or potentially significant. According to CEQA, the term "mitigation measures" refers to those items that are in addition to standard conditions, uniform codes, or project features that may also reduce potential impacts.

### ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist, and corresponding discussion on the following pages.

<input type="checkbox"/>	Aesthetics	<input type="checkbox"/>	Agriculture and Forestry Resources	<input type="checkbox"/>	Air Quality
<input type="checkbox"/>	Biological Resources	<input type="checkbox"/>	Cultural Resources	<input type="checkbox"/>	Energy
<input type="checkbox"/>	Geology/Soils	<input type="checkbox"/>	Greenhouse Gas Emissions	<input type="checkbox"/>	Hazards & Hazardous Materials
<input type="checkbox"/>	Hydrology/Water Quality	<input type="checkbox"/>	Land Use/Planning	<input type="checkbox"/>	Mineral Resources
<input type="checkbox"/>	Noise	<input type="checkbox"/>	Population/Housing	<input type="checkbox"/>	Public Services
<input type="checkbox"/>	Recreation	<input type="checkbox"/>	Transportation	<input type="checkbox"/>	Tribal Cultural Resources
<input type="checkbox"/>	Utilities/Service Systems	<input type="checkbox"/>	Wildfire	<input type="checkbox"/>	Mandatory Findings of Significance

<b>DETERMINATION:</b> On the basis of this initial evaluation:	
<input type="checkbox"/>	I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
<input checked="" type="checkbox"/>	I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
<input type="checkbox"/>	I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
<input type="checkbox"/>	I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
<input type="checkbox"/>	I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

DRAFT- Signed A.P.

DRAFT

\_\_\_\_\_  
Andy Popper, Senior Planner

\_\_\_\_\_  
Date



## I. AESTHETICS

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c)	In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### a) Would the project have a substantial adverse effect on a scenic vista?

**No Impact.** A scenic vista can be defined as a viewpoint that provides expansive views of a highly valued landscape for the benefit of the public. There is no designated scenic vista on, or adjacent to, the proposal. There will be minimal visual change in operations as seen from the public roadway. The project will not have a substantial adverse impact on a scenic vista.

### b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

**No Impact.** Scenic resources are defined as those landscape patterns and features that are visually or aesthetically pleasing and that, therefore, contribute affirmatively to the definition of a distinct community or region. Scenic areas, open spaces, rural landscapes, vistas, country roads, and other factors interact to produce a net visual benefit upon individuals or communities. Those visual resources that uniquely contribute to that public benefit are scenic resources under CEQA.

The proposed project would not remove scenic resources such as buildings (historic or otherwise), rock outcroppings, or trees. There are no unique scenic resources or structures located at the project site. The roadways in Glenn County are not listed as Eligible or as Officially Designated Scenic Highways according to the California Department of Transportation.<sup>1</sup> The project includes continued operation of an existing operation. The project will not significantly change the existing visual character of the site and will not substantially damage scenic resources within a state scenic highway.

**c) Would the project in nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings?**

**Less Than Significant Impact.** Visual character is descriptive and non-evaluative, which means it is based on defined attributes that are neither good nor bad in and of themselves. It is the objective composition of the visible landscape within a viewshed. It is the viewer's perception of the visual environment and varies based on exposure, sensitivity, and expectation of the viewers. All surrounding properties are zoned "AE-40" (Exclusive Agricultural Zone, 36-acre minimum parcel size) and "AP-80" (Agricultural Preserve Zone, 72-acre minimum parcel size). Properties surrounding the project site consist of agricultural uses, primarily orchards and field crops. There are agricultural accessory structures associated with agricultural uses within the vicinity of the project site. The proposal is agricultural related and has changed the general visual character to a passerby, however, this is considered as a less than significant impact. The project is consistent with the existing visual character of the site and will not conflict with zoning or other regulations governing scenic quality.

**d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?**

**Less Than Significant Impact.** The proposal is not anticipated to produce glare, which may adversely affect day or nighttime views in the area. The project has been constructed and does include additional lighting. Therefore, the glare at the project location does not substantially alter the existing characteristics of the area, because the exterior lighting is already in place and is sufficient distance from surrounding residences. Installation of future lighting, and existing lighting, will be required to conform to the Glenn County Code. Glenn County Code §15.560.080 (Glare and Heat) states the following: *All exterior lighting accessory to any use shall be hooded, shielded or opaque. No unobstructed beam of light shall be directed beyond any exterior lot line.* Exterior lighting will be required to be hooded to reduce glare and retain light to limited areas. Additionally, the light shall not be directed beyond the property lines. This site will not create substantial light or glare that will affect day or nighttime views in the area.

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<sup>1</sup> California Department of Transportation. *Officially Designated State Scenic Highways*.  
<http://www.dot.ca.gov/hq/LandArch/scenic/schwy.htm>.

## II. AGRICULTURE AND FOREST RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d)	Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) **Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?**

**Less Than Significant Impact.** The California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program (FMMP), tracks and categories land with respect to agricultural resources. Farmland is classified according to its ability to support crops or livestock. Land is designated as one of the following and each has a specific definition: Prime Farmland, Farmland of Statewide Importance, Unique Farmland, Farmland of Local Importance, Grazing Land, Urban and Built-Up Land, and Other Land.

The project may have converted minimal Farmland of Local Importance to non-agriculture use because of the truck wash area, and the property being designated Farmland of Local Importance. However, the majority of the approximately 19.55-acre property will continue to be used for the existing agriculture row crops and not be converted to non-agriculture use. The wash facility is related to agricultural uses of the vicinity and assists in onsite crop production. The project is consistent with the existing agricultural uses and the parcel is zoned for agriculture. It is therefore concluded that there will be a less than significant impact.

- b) **Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?**

**Less Than Significant Impact.** All surrounding properties are zoned "AE-40" (Exclusive Agricultural Zone, 36-acre minimum parcel size) and "AP-80" (Agricultural Preserve Zone, 72-acre minimum parcel size). Properties surrounding the project site consist of agricultural uses. These uses consist of orchards and various field crops. There are also agricultural accessory structures and residences associated with agricultural use within the vicinity of the project site. The proposed facility is related to agriculture. The proposed project is consistent with zoning and existing agricultural uses in the area; therefore, there will be a less than significant impact on existing zoning for agricultural use or a Williamson Act contract.

- c) **Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?**

**No Impact.** The proposed project will not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. The project site is not zoned for forest land or timberland nor is it adjacent to land that is zoned for forest land or timberland. The project site is located within the Exclusive Agriculture. Zone. This zoning category is meant to preserve agricultural

uses. The “FA” Foothill Agricultural/Forestry Zone and “TPZ” Timberland Preserve Zone (Chapters 15.320 and 15.450 of the Glenn County Code) are meant to protect timber and forest lands. Areas zoned “FA” and “TPZ” are located within the Mendocino National Forest in the western part of the County. The project does not involve rezoning property. Therefore, it is concluded that the project will have no impact.

**d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?**

**No Impact.** Forest land is defined in Public Resources Code section 12220(g)) as land that can support 10-percent native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits. This project will not result in the loss of forest land as the project site does not contain forest land. Therefore, there will be no impact as a result of this project.

**e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?**

**No Impact.** This project will not involve a change of agricultural-related uses on surrounding parcels. The proposal will not conflict with agriculture operations. The project has been constructed, is in operation, and is agricultural related. Therefore, no significant changes in the existing environment would result in the conversion of Farmland to non-agricultural use or conversion of forestland to non-forest use. The project site is currently being used for agriculture, and will continue to be used for agriculture as a result of this proposal. It is concluded there will be a less than significant impact as a result of this project.

### III. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The Air Quality section addresses the impacts of the proposed project on ambient air quality and the exposure of people, especially sensitive individuals, to unhealthy pollutant concentrations. Examples of criteria pollutants (according to California Ambient Air Quality Standards) include ozone (O<sub>3</sub>), carbon monoxide (CO), sulfur oxides (SO<sub>x</sub>) and nitrogen dioxide (NO<sub>2</sub>)<sup>2</sup>.

Geographic areas are classified under the federal and California Clean Air Act (CCAA) as in either attainment or nonattainment for each criteria pollutant based on whether the Ambient Air Quality Standards have been achieved. The CCAA requires air districts which have been designated as a nonattainment area for California Ambient Air Quality Standards for ozone, carbon monoxide, sulfur dioxide, or nitrogen dioxide to prepare and submit a plan for attaining and maintaining the standards. Glenn County is within the Northern Sacramento Valley Planning Area air district.

The California Clean Air Act of 1988 also requires that districts review their progress made toward attaining the CAAQS every three years. The 2018 Triennial Air Quality Attainment Plan is the latest Air Quality Attainment Plan that has been prepared for the Northern Sacramento Valley Planning Area.

<sup>2</sup> Northern Sacramento Valley Planning Area 2018 Triennial Air Quality Attainment PLAN  
<http://airquality.org/SVBAPCC/Documents/2018%20Triennial%20Report.pdf>

The 2018 plan assesses the progress made in implementing the previous triennial update completed in 2015 and proposes modifications to the strategies necessary to attain the CAAQS by the earliest practicable date. The 2018 plan includes the following:

1. Assessment of progress towards achieving the control measure commitments in the previous Triennial Plan.
2. Summary of the last three years of ozone data to demonstrate improvement of air quality.
3. Comparison of the expected versus actual emission reductions for each measure committed to in the previous Triennial Plan.
4. Updated control measure commitments and growth rates of population, industry, and vehicle related emissions.

**a) Would the project conflict with or obstruct implementation of the applicable air quality plan?**

**Less Than Significant Impact with Mitigations Incorporated.** Air quality standards are set at both the federal and state levels. The Glenn County Air Pollution Control District (GCAPCD) is responsible for the planning and maintenance/attainment of these standards at the local level. The GCAPCD sets operational rules and limitations for businesses that emit significant amounts of criteria pollutants. The GCAPCD is supervised by the U.S. Environmental Protection Agency. Under the federal Clean Air Act, local air quality districts must produce and implement plans for cleaning up any pollutant that exceeds federal standards.

Local air districts are not able to enact rules that restrict "mobile sources" including cars, trucks, locomotives, and other vehicles. Only "stationary sources" of air pollution fall under their control. Mobile sources are regulated by the California Air Resources Board.

The proposal will not conflict with or obstruct implementation of an applicable air quality plan. The Air Quality section of the Glenn County General Plan establishes mitigation measures designed to reduce particulate matter (PM) and ozone precursors in the ambient air as a result of emissions from sources that attract or generate motor vehicle activity.

Glenn County has been designated as an attainment area for ozone; additionally, there have been no exceedances of the maximum ozone values for 1- hour or 8-hour standard since 2010. Because the wash station has been in operation, the permitting of the facility is not anticipated to increase Vehicle Miles Traveled, nor is it anticipated to increase population, both of which are contributors to pollutants. The proposal will not conflict with or obstruct the implementation of the Air Quality Attainment Plan.

The Glenn County Air Pollution Control District was provided project documentation, comments were not received; however, Mitigation Measure AQ-1

and AQ-2 both address the Environmental Health Department comments, and are standard mitigations for similar facilities. It is concluded there will be a less than significant impact with mitigation measures incorporated.

**Mitigation Measure AQ-1 (Air Quality)**

The applicant shall obtain an Authorization to Construct and Permit to Operate (or exemption thereof) approved by the Glenn County Air Pollution Control District. A fully executed copy shall be provided to the Planning Division prior to operation commencement.

*Timing/Implementation: Prior to Operation Commencement*

*Enforcement/Monitoring: Glenn County Air Pollution Control District*

**Mitigation Measure AQ-2 (Air Quality)**

The applicant shall submit a copy of a Dust Control Plan (or exemption thereof) approved by the Glenn County Air Pollution Control District. A fully executed copy shall be provided to the Planning Division prior to the issuance of a building permit or any other permit for site development.

*Timing/Implementation:*

*Prior to Operation commencement*

*Enforcement/Monitoring:*

*Glenn County Air Pollution Control District*

- b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?**

**Less Than Significant Impact.**

Each project with emissions falling under regulatory standards must individually comply with the GCAPCD regulations. In addition, each project would be required to utilize the best available control technology to mitigate impacts to air quality.

Glenn County has been designated as an attainment area for ozone; additionally, there have been no exceedances of the maximum ozone values for 1- hour or 8-hour standard since 2010. An "Attainment" area is defined as a geographic area that meets or exhibits values lower than the level of a criteria air pollutant allowed by the federal standards; a "Nonattainment" area is defined as a geographic area in which the level of a criteria air pollutant is higher than the level allowed by the federal standards.

This project is not anticipated to significantly increase VMT or substantially increase population, both of which are major contributors to pollutants; additionally, Glenn County is designated as an Attainment Area it is concluded that the impact from the proposal is less than significant.



**c) Would the project expose sensitive receptors to substantial pollutant concentrations?**

**Less Than Significant Impact.** Neither California statutes nor regulations define “sensitive receptors” but this term normally refers to locations where uses and/or activities result in increased exposure of persons more sensitive to the unhealthy effects of emissions (such as children and the elderly). Examples of sensitive receptors include schools, hospitals, churches, recreation areas and residential areas.

The proposed project is located in an area zoned for agriculture uses. Land use within the vicinity of the project site is primarily agriculture uses. There are no schools, churches, hospitals, recreation areas, or other public facilities within the direct vicinity of the project site.

All uses at the site are still required to comply with applicable local, state and federal laws and regulations regarding contaminants and pollutants (Glenn County Code §15.560.040). These requirements include, but are not limited to, emissions of suspended particles, carbon monoxide, hydrocarbons, odors, toxic or obnoxious gases and fumes. As none of these impacts are expected to occur beyond lawful limits and due to the lack of sensitive receptors in the area, impacts are anticipated to be less than significant.

**d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?**

**Less Than Significant Impact with Mitigations Incorporated.** Odors are generally labeled as a nuisance and not a health risk to a community. It is a violation for odor to cause a nuisance according to GCAPCD, which has jurisdiction over odor complaints and can issue Notices of Violation according to state and local nuisance regulations if warranted. "Nuisance" includes anything which is injurious to human health, indecent or offensive to the senses, interferes with the comfortable enjoyment of life or property, affects at the same time an entire community, neighborhood, household or any considerable number of persons although the extent of annoyance or damage inflicted upon an individual may be unequal, and which occurs as a result of the storage, removal, transport, processing or disposal of solid waste.

All land uses are required to comply with applicable local, state and federal laws and regulations regarding contaminants and pollutants (Glenn County Code §15.560.040). These requirements include, but are not limited to, emissions of suspended particles, carbon monoxide, hydrocarbons, odors, toxic or obnoxious gases and fumes. GCAPCD will regulate future uses that may generate objectionable odors through the enforcement of applicable law.

The project site and vicinity consist of agriculture uses. It is anticipated that this project will not generate objectionable odors, which will affect a substantial number of people. Potential receptors in agricultural areas are subject to Glenn County's Right to Farm Ordinance and should expect inconveniences caused by odors associated with existing standard agricultural operations or practices. Homeowners must sign and acknowledge this ordinance prior to the construction of a home in or adjacent to an agricultural zone.

The Glenn County Air Pollution Control District was provided project documentation; Mitigation Measure AQ-3 has been established based upon Air Pollution Control Districts comments for similar proposals.

**Mitigation Measure AQ-3 (Air Quality)**

The applicant shall submit a copy of an Odor Control Plan (or exemption thereof) approved by the Glenn County Air Pollution Control District. A fully executed copy shall be provided to the Planning Division prior to the issuance of a building permit or any other permit for site development.

*Timing/Implementation*      *Prior to Operation commencement*

*Enforcement/Monitoring:*      *Glenn County Air Pollution Control District*

#### IV. BIOLOGICAL RESOURCES

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Regulatory Background

#### Special-Status Species

Special-status species include those plants and wildlife species that have been formally listed, are proposed as endangered or threatened, or are candidates for such listing under the federal Endangered Species Act (ESA) or California Endangered Species Act (CESA). These acts afford protection to both listed and proposed species. In addition, California Department of Fish and Wildlife (CDFW) Species of Special Concern, which are species that face extirpation in California if current population and habitat trends continue, U.S. Fish and Wildlife Service (USFWS) Birds of Conservation Concern, and CDFW special-status invertebrates are all considered special-status species. Although CDFW Species of Special Concern generally have no special legal status, they are given

special consideration under the California Environmental Quality Act (CEQA). In addition to regulations for special-status species, most birds in the United States, including non-status species, are protected by the Migratory Bird Treaty Act of 1918. Under this legislation, destroying active nests, eggs, and young is illegal. Plant species on the California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (Inventory) with California Rare Plant Ranks (Rank) of 1 and 2 are also considered special-status plant species and must be considered under CEQA. Rank 3 and Rank 4 species are afforded little or no protection under CEQA.

#### Waters of the United States

The U.S. Army Corps of Engineers (Corps) regulates “Waters of the United States” under Section 404 of the Clean Water Act. Waters of the U.S. are defined in the Code of Federal Regulations (CFR) as waters susceptible to use in commerce, including interstate waters and wetlands, all other waters (intrastate waterbodies, including wetlands), and their tributaries (33 CFR 328.3). Potential wetland areas, according to the three criteria used to delineate wetlands as defined in the *Corps of Engineers Wetlands Delineation Manual*<sup>3</sup>, are identified by the presence of (1) hydrophytic vegetation, (2) hydric soils, and (3) wetland hydrology. Areas that are inundated at a sufficient depth and for a sufficient duration to exclude growth of hydrophytic vegetation are subject to Section 404 jurisdiction as “other waters” and are often characterized by an ordinary high-water mark. Other waters, for example, generally include lakes, rivers, and streams. The placement of fill material into Waters of the U.S generally requires an individual or nationwide permit from the Corps under Section 404 of the Clean Water Act.

#### Waters of the State

The term “Waters of the State” is defined by the Porter-Cologne Act as “any surface water or groundwater, including saline waters, within the boundaries of the state.” The Regional Water Quality Control Board (RWQCB) protects all waters in its regulatory scope and has special responsibility for wetlands, riparian areas, and headwaters. These waterbodies have high resource value, are vulnerable to filling, and are not systematically protected by other programs. RWQCB jurisdiction includes “isolated” wetlands and waters that may not be regulated by the Corps under Section 404. Waters of the State are regulated by the RWQCB under the State Water Quality Certification Program, which regulates discharges of fill and dredged material under Section 401 of the Clean Water Act and the Porter-Cologne Water Quality Control Act. Projects that require a Corps permit, or fall under other federal jurisdiction, and have the potential to impact Waters of the State, are required to comply with the terms of the Water Quality Certification determination. If a proposed project does not require a federal permit, but does involve dredge or fill activities that may result in a discharge to Waters of the State, the RWQCB has the option to regulate the dredge and fill activities under its state authority in the form of Waste Discharge Requirements.

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<sup>3</sup> Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*. Department of the Army, Waterways Experiment Station, Vicksburg, Mississippi 39180-0631.

### Streams, Lakes, and Riparian Habitat

Streams and lakes, as habitat for fish and wildlife species, are subject to jurisdiction by CDFW under Sections 1600-1616 of California Fish and Game Code. Alterations to or work within or adjacent to streambeds or lakes generally require a 1602 Lake and Streambed Alteration Agreement. The term “stream”, which includes creeks and rivers, is defined in the California Code of Regulations (CCR) as “a body of water that flows at least periodically or intermittently through a bed or channel having banks and supports fish or other aquatic life [including] watercourses having a surface or subsurface flow that supports or has supported riparian vegetation” (14 CCR 1.72). In addition, the term “stream” can include ephemeral streams, dry washes, watercourses with subsurface flows, canals, aqueducts, irrigation ditches, and other means of water conveyance if they support aquatic life, riparian vegetation, or stream-dependent terrestrial wildlife.<sup>4</sup> “Riparian” is defined as “on, or pertaining to, the banks of a stream.” Riparian vegetation is defined as “vegetation which occurs in and/or adjacent to a stream and is dependent on, and occurs because of, the stream itself”.<sup>5</sup> Removal of riparian vegetation also requires a Section 1602 Lake and Streambed Alteration Agreement from CDFW.

### **Site Conditions**

This site is located approximately three miles northeast of Orland. The site is zoned Exclusive Agricultural and is designated Intensive Agriculture in the Glenn County General Plan. Properties within the project site vicinity are primarily agriculture with agriculture related outbuildings and residences.

- a) **Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?**

**Less Than Significant Impact.** This project will not have a substantial adverse effect on species identified as a candidate, sensitive, or special-status species. According to the Glenn County General Plan and the California Department of Fish and Wildlife Natural Diversity Database, there are no areas within the project or surrounding areas that contain habitat for sensitive species. Birds may continue to forage in the open space located at the project site and in the surrounding areas. No endangered plant species exist within the project site due to previous grading disturbance. The project does not include activities that would adversely affect fisheries because the site is not located within any major watercourses. The existing use of the site would not change from this proposal, the site has previously been disturbed and developed (the project is in operation and row crops will continue); therefore, the type of habitat will not change.

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<sup>4</sup> California Department of Fish and Game. 1994. *A Field Guide to Lake and Streambed Alteration Agreements, Sections 1600-1607, California Fish and Game Code*. Environmental Services Division, Sacramento, CA.

<sup>5</sup> California Department of Fish and Game. 1994. *A Field Guide to Lake and Streambed Alteration Agreements, Sections 1600-1607, California Fish and Game Code*. Environmental Services Division, Sacramento, CA.

No special status or endangered species have been documented within or around the project site. As previously discussed, the site has been significantly disturbed by agricultural activities. As such, it is concluded that the project will have a less than significant impact on species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.

- b) **Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?**

**Less Than Significant Impact.** According to the Glenn County General Plan, riparian communities formerly occupied extensive stands within Glenn County; however, current riparian communities are principally located along the Sacramento River, Willow Creek, and Walker Creek.<sup>6</sup> The project site is not located in the vicinity of any riparian community.

The project site is not located in the vicinity of any of the twelve important biological areas defined in Table 2-5 of Volume III of the General Plan. These important biological areas are primarily located within the riparian zones of the Sacramento River. The project site is also not located within an area of special biological importance as shown on Figure 3-14 of Volume I of the General Plan.

There is no riparian habitat or other sensitive natural community located at the project site. The site does not encompass a riparian habitat or other sensitive habitat. It is concluded that there would be a less than significant impact on riparian habitat or other sensitive natural community.

- c) **Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

**Less Than Significant Impact.** According to the Confined Animal Facilities Element of the Glenn County General Plan, wetlands comprise approximately 4,278 acres of Glenn County, and include marshes, ponds, fringes of small lakes, sloughs, and swamps. The largest wetland assemblages occur within the Sacramento River floodplain, including the managed wetlands of the Sacramento National Wildlife Refuge. Wetlands may also be found in areas with suitable soil and hydrologic conditions.<sup>7</sup>

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<sup>6</sup> Quad Consultants. January 22, 1993. *Glenn County General Plan, Volume III, Environmental Setting Technical Paper*, Section 2.4.1, Vegetation.

<sup>7</sup> Quad Knopf. May 2005. *Confined Animal Facilities Element of the Glenn County General Plan*, Section 2.4, Biological Resources.

Since the 1970s, the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency have used the following definition for wetlands for regulatory purposes: *“Wetlands are areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.”*

According to the National Wetlands Inventory of the U.S. Fish and Wildlife Service<sup>8</sup>, there is an area designated as a 1.03-acre Freshwater Emergent Wetland habitat is classified as a PEM1Cx. Based on field observations and the wetlands mapper, the Freshwater Emergent Wetland primarily consists of the drainage ditch for the existing wash station and previous pasture drainage.

According to the California Central Valley Wetlands and Riparian GIS data sets of the California Department of Fish and Wildlife<sup>9</sup>, the project site is not designated as a protected wetland site. Neither contains sufficient spring or summer runoff to provide fishery resources. Continued operation of the facility will not interfere with the movement of any native resident or migratory fish or wildlife species or with established migratory wildlife corridors, or impede the use of native wildlife nursery sites. Therefore, it is concluded that there will be a less than significant impact on federally protected wetlands as a result of this project.

- d) **Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

**Less Than Significant Impact.** According to the Glenn County General Plan, there is a large expanse of deer range located in the western portion of the County next to the Mendocino National Forest.<sup>10</sup> Major migration corridors are located in the western part of the County. Based on the project site's location in the eastern portion of the County, there will be a less than significant impact on migration corridors.

Glenn County is located within the Pacific Flyway; a migratory corridor for birds moving between their winter and summer ranges. Winter waterfowl habitat is located within and surrounding the Sacramento National Wildlife Refuge, which is located in the southern part of the County. Many of these birds are protected by

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<sup>8</sup> United States Fish and Wildlife Service. *National Wetlands Inventory*: <http://www.fws.gov/nwi>.

<sup>9</sup> California Department of Fish and Wildlife. 2014. *California Central Valley Wetlands and Riparian GIS Data Sets*: <http://www.dfg.ca.gov/biogeodata/wetlands/>.

<sup>10</sup> Quad Consultants. January 22, 1993. *Glenn County General Plan, Volume III, Environmental Setting Technical Paper*, Section 2.4.2, Wildlife.



the Migratory Bird Treaty Act, which prohibits killing, possessing, or trading in migratory birds except in accordance with regulations prescribed by the United States Secretary of the Interior. The project would have no impact on migratory waterfowl and other birds migrating through the region because the project does not include features, which would draw migratory fowl to the area.

The existing facility will not interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established migratory wildlife corridors, or impede the use of native wildlife nursery sites.

**e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

**No Impact.** The proposed project would not create a conflict with local policies or ordinances protecting biological resources because there are none within the area of the project. Therefore, it is concluded that there will be no impact.

**f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**

**No Impact.** The proposed project would not create a conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or state habitat conservation plan because no plans have been adopted for this specific area. Therefore, it is concluded that there will be no impact.



## V. CULTURAL RESOURCES

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cultural resources include prehistoric and historic period archeological sites; historical features, such as rock walls, cemeteries, water ditches and flumes, and architectural features. Cultural resources consist of any human-made site, object (i.e., artifact), or feature that defines and illuminates the past.

- a) **Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?**
- b) **Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**
- c) **Would the project disturb any human remains, including those interred outside of formal cemeteries?**

**a), b) and c) Less Than Significant Impact with Mitigations Incorporated** The project site is currently graded and there is no evidence to suggest the presence of any human remains or burial sites located on or near the project site. The project site contains no known paleontological resources or unique geologic sites.

Future development would be required to comply with the required procedures of conduct following the accidental discovery of human remains as mandated in the Health and Safety Code Section 7050.5, Public Resources Code Section 5097.98 and the California Code of Regulations Section 15064.5(e) (CEQA).

Section 7050.5 of the California Health and Safety Code states that if human remains are found during construction activities, all operations are to cease until the County coroner has determined that the remains are not subject to the provisions of law concerning investigation of the circumstances in the manner provided in Section 5097.98 of the Public Resources Code. The potential exists to possibly uncover previously unidentified resources; therefore, it is concluded that there is a less than significant impact with mitigation measure incorporated.

### **Mitigation Measure CR-1 (Cultural Resources)**

If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeologist, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:

- If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately and no agency notifications are required.
- If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, he or she shall immediately notify the lead federal agency, the lead CEQA agency, and applicable landowner. The agencies shall consult on a finding of eligibility and implement appropriate treatment measures if the find is determined to be eligible for inclusion in the NRHP or CRHR. Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the site either: is not eligible for the NRHP or CRHR; or that the treatment measures have been completed to their satisfaction.
- If the find includes human remains, or remains that are potentially human, he or she shall ensure reasonable protection measures are taken to protect the discovery from disturbance (Assembly Bill [AB] 2641). The archaeologist shall notify Glenn Butte County Coroner (as per § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California PRC, and AB 2641 will be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the NAHC, which then will designate a Native American Most Likely Descendant (MLD) for the Project (§ 5097.98 of the PRC). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the PRC). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (§ 5097.98 of the PRC). This will also include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the treatment measures have been completed to their satisfaction.

*Timing/Implementation: During Construction/Excavation Activities*

*Enforcement/Monitoring:*

*Glenn County Planning & Community Development Services Agency*

## VI. ENERGY

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) **Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?**

**Less Than Significant Impact.** The project does not include new or expanded sources of significant energy consumption. The proposal will not result in a significant impact due to wasteful, inefficient or unnecessary consumption. The project must comply with California Green Building Standards as well as California Energy Code. Impacts are anticipated to be less than significant.

- b) **Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?**

**Less Than Significant Impact.** This proposal will not conflict with any state or local renewable energy plan or efficiently. This proposal is required to conform with Glenn County Energy Element. Construction of this project would be required to comply with the updated Title 24 of the California Code of Regulations established by the Energy Commission regarding emergency conservation standards.

## VII. GEOLOGY AND SOILS

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i)	Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii)	Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii)	Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv)	Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f)	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) **Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:**
- i) **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.**
  - ii) **Strong seismic ground shaking?**

**Less Than Significant Impact.** Fault rupture occurs when an active fault displaces in two separate directions during an earthquake. Concern about the growing number of structures located on or near active and potentially active faults led the State of California to enact the Alquist-Priolo Geologic Hazard Zone Act of 1972. The Act was revised in 1975 and renamed the Alquist-Priolo Special Studies Zone Act. Sudden surface rupture from severe earthquakes can cause extensive property damage, but even the slow movement known as “fault creep” can cause displacement that results in offset or disfiguring of curbs, streets, and buildings.

According to the Glenn County General Plan, Glenn County is in a generally inactive seismic area. There are no Alquist-Priolo Special Studies Zones within the County. During the past 100 years, the County has experienced only minor earthquakes within its boundaries and secondary impacts from earthquakes centered out of the area. Projections of future impacts are low to moderate.<sup>11</sup> Glenn County is in a Seismic Design Load “D” according to the Uniform Building Code (UBC). All construction in the County is required to meet the standard set by the UBC for this area.

According to the Glenn County General Plan, the highest historic intensity rating for an earthquake affecting Glenn County is VII as measured by the Modified Mercalli Intensity Scale. The UBC establishes standards for structures to survive earthquakes of an intensity of VII with little or no damage. The UBC also classifies all of Glenn County as being within a Seismic Risk Zone 3. Seismic risk zones are based, in part, on the distribution of earthquakes and the Modified Mercalli Intensity Scale rating of known earthquakes. A Seismic Risk Zone 3 requires that special precautions be taken, in accordance with the UBC, during construction to avoid or minimize earthquake damage.

The United States Geologic Survey (USGS) and California Geologic Survey (CGS) produced a Seismic Shaking Hazards in California map (revised April 2003), which depicts the peak ground acceleration (pga) percentage that has a 10% potential of occurring in the next fifty years.<sup>12</sup> Glenn County, as well as areas on the west side

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<sup>11</sup> Quad Consultants. January 22, 1993. *Glenn County General Plan, Volume III, Environmental Setting Technical Paper*, Section 3.3.1, Seismicity.

<sup>12</sup> United States Geological Survey and California Geologic Survey. *Seismic Shaking Hazards in California*. <http://www.consrv.ca.gov/cgs/rghm/psha/Pages/pga.aspx>.

of the central valley, are rated as 10%–30% on a scale of 0%–100%. Additionally, no earthquake greater than a magnitude 5.5 has occurred in Glenn County in over 200 years.<sup>13</sup>

The seismic history of Glenn County shows the area to be generally stable. Glenn County's stability can be correlated with its location away from tectonic plate boundary convergence/divergence and its location away from major active faults with high slip rates. The project includes continued operation of an existing facility, no new development is being proposed at this time, any future development shall comply with California Unified Building Code including section 1613 Earthquake Loads. Given this data, seismic related activities such as rupture of known earthquake faults and strong seismic ground shaking would have a less than significant impact on people and structures in the area of the project.

### iii) Seismic-related ground failure, including liquefaction?

**Less Than Significant Impact.** Liquefaction is defined as the transformation of a granular material from a solid state into a liquefied state resulting from increased pore water pressure. Ground shaking resulting from an earthquake is capable of providing the mechanism for liquefaction.

Due to the lack of seismic activity in Glenn County, it is unlikely that liquefaction or other ground failure of this type would occur. Liquefaction generally occurs in low-lying areas with saturated soils and its effects are commonly observed near water bodies. Soils with a loose structure, such as sand, are more susceptible to liquefaction when saturated.

Depending on the level of saturation, soils at the site may be subject to liquefaction during strong shaking in a seismic event. However, since 1800, there have been no recorded earthquakes in Glenn County above a magnitude 5.5. The Earthquake Shaking Potential for California map published by the California Geologic Survey in 2008 indicates that Glenn County is in an area that only will experience lower levels of ground shaking.<sup>14</sup> Further, the California Geologic Survey does not list Glenn County as an area where seismic activity affects soil stability. It is concluded that there is a less than significant impact.

### iv) Landslides?

**No Impact.** Landslides include phenomena that involve the downslope displacement and movement of material, either triggered by static (gravity) or dynamic (earthquake) forces. Areas susceptible to landslides are typically characterized by steep, unstable slopes in weak soil or bedrock units. The highest

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<sup>13</sup> California Department of Conservation, California Geologic Survey. *Map 49, California Earthquakes, 1800-2000*. <http://www.consrv.ca.gov/CGS/rghm/quakes/Pages/index.aspx>.

<sup>14</sup> United States Geological Survey and California Geological Survey. 2008. *Earthquake Shaking Potential for California*. [http://www.consrv.ca.gov/cgs/information/publications/ms/Documents/MS48\\_revised.pdf](http://www.consrv.ca.gov/cgs/information/publications/ms/Documents/MS48_revised.pdf).

potential for landslides exists in the western portion of the County. Figure 4-2 of Volume II of the General Plan depicts the project site as being in an area with the least potential for landslide.<sup>15</sup> The topography of the site and surrounding area is generally flat; therefore, it is not susceptible to slope failures and landslides. Therefore, it is concluded that there will be no impact.

**b) Would the project result in substantial soil erosion or the loss of topsoil?**

**Less Than Significant Impact.** Soil erosion occurs through either water or wind action. Erosion by water includes sheet, rill, ephemeral gully, classical gully, and stream bank erosion. The project site is generally flat. Severe erosion typically occurs on moderate slopes of sand and steep slopes of clay subjected to concentrated water runoff. Disruption of soils on the site is not expected to create significant soil erosion due to the flat topography on the site. Any future construction at the site is required to conform to the Glenn County Code, which includes Glenn County Code Section 15.700 (Leveling of Land-Drainage Changes). The project would therefore not result in substantial soil erosion or the loss of topsoil. It is concluded that there will be a less than significant impact.

**c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?**

**Less Than Significant Impact.** This proposal will have a less than significant impact on soil involving unstable soils that may result in on- or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse. Soils and the geology of the project site are generally stable because of the area's seismic stability and low relief (see Section VI. a) i) above).

On or Off-Site Landslide

Landslide potential in the County generally correlates with relief. Landslides are not a threat because the site is not located in an area with a great amount of relief. Figure 4-2 of Volume II of the General Plan shows that the project area is in an area of least landslide potential.<sup>16</sup>

Lateral Spreading

There is a low probability for lateral spreading to occur because of the area's seismic stability. All future construction is required to meet the standards set by the UBC, which will reduce impacts from lateral spreading.

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<sup>15</sup> Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume II, Issues*, Public Safety Issue Paper, Figure 4-2.

<sup>16</sup> Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume II, Issues*, Public Safety Issue Paper, Figure 4-2.

### Subsidence

Land subsidence is a gradual settling or sudden sinking of the Earth's surface. The principal causes of subsidence are aquifer-system compaction, drainage of organic soils, underground mining, hydrocompaction, natural compaction, sinkholes, and thawing permafrost.<sup>17</sup>

According to the Glenn County General Plan, potential subsidence areas occur in the eastern portion of the County where extensive groundwater withdrawals have occurred.<sup>18</sup> Extraction of natural gas reservoirs located in these same areas can also contribute to local subsidence of the land surface.

Glenn County is being monitored for subsidence through 58 monitoring stations. There have been cases of Subsidence within Glenn County; however, there have been no cases of subsidence at the project site or project vicinity<sup>19</sup>. All future construction is required to meet the standards set by the UBC, which will reduce impacts from possible subsidence. Farming intensity at the project site will not increase and will not have a significant impact on subsidence.

### Liquefaction/Collapse

Liquefaction occurs when loosely packed sandy or silty materials saturated with water are shaken enough to lose strength and stiffness. Liquefied soils behave like a liquid and are responsible for damage during an earthquake, causing pipes to leak, roads and airport runways to buckle, and building foundations to be damaged. There is a low probability for liquefaction and ground collapse to occur because of the area's seismic stability. Future construction in compliance with the UBC will reduce impacts from liquefaction and collapse.

There is no record of any incidents of unstable geologic units in the project area. Based on the information provided above, it is concluded that there will be a less than significant impact.

- d) **Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?**

**Less Than Significant Impact.** Expansive soils are those that shrink or swell with the change in moisture content. The volume of change is influenced by the quantity of moisture, by the kind and amount of clay in the soil, and by the original porosity of the soil. According to Figure 4-5 of Volume II of the Glenn County General Plan,

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<sup>17</sup> U.S. Geological Survey. December 2000. *Land Subsidence in the United States*, USGS Fact Sheet -165-00. <http://water.usgs.gov/ogw/pubs/fs00165/>.

<sup>18</sup> Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume II, Issues*, Public Safety Issue Paper, Section 4.1.3, Subsidence.

<sup>19</sup> CA. Department of Water Resources. February 2015. Glenn County GPS Subsidence



most of Glenn County has high expansive soils.<sup>20</sup> Soils containing a high clay content often exhibit a generally high potential to expand when saturated, and contract when dried out. This shrink/swell movement can adversely affect building foundations, often causing them to crack or shift, with resulting damage to the buildings they support.

Additionally, there would be no substantial risks to life or property from this project because any future development will require compliance with the UBC to avoid potential unstable earth conditions or changes in geologic substructures. If any new structures are proposed in the future the Glenn County Building Division will ensure that the foundations of new structures are adequately designed for the shrink/swell characteristics of expansive soils and no significant impacts to life or property are expected. An engineer will be required to design the footings for future structures to address soil conditions. California Building Code compliance reduces potential impacts from expansive soils to a less than significant level.

- e) **Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?**

**Less Than Significant Impact.** The project does not include the installation of a septic system. Compliance with Glenn County Environmental Health standards would ensure that any future septic systems are properly operating and any expansion of the system is designed with respect to on-site soil capabilities for the safe treatment and disposal of wastewater and the protection of groundwater quality. Therefore, this impact would be less than significant.

In addition, the California Central Valley Water Resources Control Board made the following comment(s).

*Depending on the quantity and characteristics of the onsite wastewater and how the it is managed, wastewater discharges to land may need to be regulated by the Central Valley Water Board's Waste Discharge Requirements program.*

- f) **Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**

**Less Than Significant Impact.** The project site contains no known paleontological resources or unique geologic sites; therefore, it is concluded there will be a less than significant impact.

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<sup>20</sup> Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume II, Issues*, Public Safety Issue Paper, Figure 4-5.

## VIII. GREENHOUSE GAS EMISSIONS

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Legislative/Regulatory

The Governor of California signed Executive Order S-3-05 (EO), in June 2005, which established statewide reduction targets for greenhouse gases. The EO states that emissions shall be reduced to 2000 levels by 2010, to 1990 levels by 2020, and by 2050 reduced to 80 percent of the 1990 levels. Assembly Bill 32, the California Global Warming Solutions Act, 2006 (AB 32), was signed into law in September 2006. AB 32 finds that global warming poses a serious threat to the economic wellbeing, public health, natural resources, and the California environment. It establishes a state goal of reducing greenhouse gas emissions to 1990 levels by the year 2020, which would be a 25 percent reduction from forecasted emission levels.

Senate Bill 97 (SB 97) was approved by the Governor of California in August 2007. SB 97 requires the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit guidelines to the Resources Agency for the feasible mitigation of greenhouse gas emissions or the effects of greenhouse gas emissions, as required by CEQA. In April 2009, OPR submitted to the Secretary for Natural Resources its proposed amendments to the CEQA Guidelines for greenhouse gas emissions, as required by Senate Bill 97 (Chapter 185, 2007). The Natural Resources Agency (Resources Agency) conducted formal rulemaking prior to certifying and adopting the amendments, as required by Senate Bill 97. The Resources Agency adopted the proposed amendments, and transmitted the amendments to the Office of Administrative Law on December 31, 2009. The Office of Administrative Law reviewed the Adopted Amendments and the Natural Resources Agency's rulemaking file. The Adopted Amendments were filed with the Secretary of State, and became effective March 18, 2010.

These CEQA Guidelines amendments provide guidance to public agencies regarding the analysis and mitigation of the effects of greenhouse gas emissions in draft CEQA documents. The greenhouse gas guidelines fit within the existing CEQA framework by amending existing Guidelines to reference climate change.

Greenhouse gases (GHGs), as defined by the Health and Safety code, include but are not limited to water vapor, carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), ozone (O<sub>3</sub>), and chlorofluorocarbons (CFCs) (Health and Safety Code §38500 et seq.). These gases all act as effective global insulators, reflecting back to earth visible light and infrared radiation.

GHGs are present in the atmosphere naturally, released by natural sources, or formed from secondary reactions taking place in the atmosphere. In the last 200 years, substantial quantities of GHGs have been released into the atmosphere. These extra emissions are increasing GHG concentrations in the atmosphere, enhancing the natural greenhouse effect, which is believed to be causing global warming. While manmade GHGs include carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), some (like CFCs) are completely new to the atmosphere.

Natural sources of carbon dioxide (CO<sub>2</sub>) include respiration (breathing) of animals and plants and evaporation from the oceans. Together, these natural sources release about 150 billion tons of CO<sub>2</sub> each year, far outweighing the seven billion tons of manmade emissions from fossil fuel burning, waste incineration, deforestation, and cement manufacture. Nevertheless, natural removal processes such as photosynthesis by land and ocean-dwelling plant species cannot keep pace with this extra input of manmade CO<sub>2</sub>, and consequently the gas is building up in the atmosphere.

Methane (CH<sub>4</sub>) is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Manmade sources include the mining and burning of fossil fuels, digestive processes in ruminant animals such as cattle, rice paddies, and the burying of waste in landfills. Total annual emissions of CH<sub>4</sub> are about 500 million tons, with manmade emissions accounting for the majority. The major removal process of atmospheric methane – chemical breakdown in the atmosphere – cannot keep pace with source emissions, and CH<sub>4</sub> concentrations in the atmosphere are increasing.<sup>21</sup>

**a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

**Less Than Significant Impact.** A project cannot generate enough GHG emissions to influence global climate change on its own. A project participates in potential climate change by its incremental contribution (positive or negative) of GHG emissions that, when combined with the cumulative increase of all other natural and anthropogenic sources of GHGs, impact global climate change. Therefore, global climate change is a type of cumulative impact and a project's participation in this cumulative impact is through its incremental contribution of GHG emissions.

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<sup>21</sup> State of California. September 2006. *Assembly Bill 32 California Global Warming Solutions Act of 2006*, [http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab\\_0001-0050/ab\\_32\\_bill\\_20060927\\_chaptered.pdf](http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab_0001-0050/ab_32_bill_20060927_chaptered.pdf)

Energy efficiency standards have been updated, and new technology has allowed construction to be more energy efficient. Future construction would be required to comply with the updated Title 24 of the California Code of Regulations established by the Energy Commission regarding emergency conservation standards.

This part of the County is used primarily for agriculture and contains limited residential use. Vehicle Miles Traveled are a major contributor to Greenhouse Gas Emissions, there is not anticipated to be a significant increase in Vehicle Miles Traveled as a result of this proposal.

As the proposal is not anticipated to significantly increase Vehicle Miles the proposal is not anticipated to significantly increase greenhouse gas emissions that may have a significant impact on the environment. It is concluded there will be a less than significant impact.

**b) Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

See Section VIII a) (above)

**Less Than Significant Impact.** AB 32 is the State of California's primary GHG emissions regulation. The project would not conflict with the state's ability to achieve the reduction targets under AB 32. The project will not result in a change in greenhouse gas emissions or conflict with any adopted plans, policies, or regulations adopted for the purpose of reducing greenhouse gas emissions. Impacts are anticipated to be less than significant.

## IX. HAZARDS AND HAZARDOUS MATERIALS

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g)	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- a) **Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?**

**Less Than Significant Impact.** The California Health and Safety Code defines a Hazardous Material as “any material that because of its quantity, concentration, or physical or chemical characteristics poses a significant present or potential hazard

to human health and safety or the environment if released into the workplace or environment". Thus, hazardous material is a wide-ranging term for all substances that may be hazardous (there is no single list) and includes hazardous substances and hazardous wastes. Substances that are flammable, corrosive, reactive oxidizers, radioactive, combustible, or toxic are considered hazardous. Examples include: oil, fuels, paints, thinners, cleaning solvents, compressed gasses (acetylene, carbon dioxide, oxygen, nitrogen, etc.), radioactive materials, and pesticides.

The Glenn County Air Pollution Control District (GCAPCD) is the Administering Agency and the Certified Unified Program Agency (CUPA) for Glenn County with responsibility for regulating hazardous materials handlers, hazardous waste generators, underground storage tank facilities, above ground storage tanks, and stationary sources handling regulated substances.

The project site is subject to Glenn County Code §15.560.070 for fire and explosion hazards. This section states: *All uses involving the use or storage of combustible, explosive, caustic or otherwise hazardous materials shall comply with all applicable local, state and federal safety standards and shall be provided with adequate safety devices against the hazard of fire and explosion, and adequate fire-fighting and fire suppression equipment.*

The transport, use, and storage of hazardous materials during construction would be subject to and therefore conducted in accordance with all applicable state and federal laws, such as the Hazardous Materials Transportation Act, Resource Conservation and Recovery Act, the California Hazardous Material Management Act, and the California Code of Regulations, Title 8 and Title 22.

The project does not include the routine transport or disposal of hazardous materials. The project has a less than significant impact related to the use hazardous materials onsite

- b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

**Less Than Significant Impact with Mitigation Incorporated**

Uses involving the storage and handling of hazardous materials are monitored by the Glenn County Air Pollution Control District (GCAPCD), which is the Certified Unified Program Agency (CUPA) for Glenn County.

According to the GCAPCD, businesses that handle hazardous materials are required by law to provide an immediate verbal report of any release or threatened release of hazardous materials. Local, state, and federal regulations for use and handling of hazardous materials will reduce impacts to the public and the environment. The project has the potential to release hazardous materials to the environment if a spill of fuel or equipment leaks were to occur onsite.

A Hazardous Materials Business Plan is required for any facility that store hazardous materials greater than 55 gallons, 500 lbs or 200 cubic feet or facilities that generate any amount of hazardous waste. The mitigation measures HA-1 has been established based upon GCAPCD's regulations. It is concluded there will be a less than significant impact with Mitigation Measures incorporated.

**Mitigation Measure HA-1 (Hazards and Hazardous Materials)**

Prior to Operation Commencement, the applicant shall provide Glenn County Planning Division a Hazardous Materials Business Plan approved by Glenn County Air Pollution Control District, or an exemption thereof.

Timing/Implementation: Prior to Operation Commencement

Enforcement/Monitoring: Glenn County Air Pollution Control District

- c) **Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

**No Impact.** Project operations will not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste. The project is not located within one-quarter mile of a school. Due to lack of hazardous emissions and no schools being located within one-quarter mile it is concluded that there will be no impact as a result of this project.

- d) **Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

**No Impact.** The project is not located on a site which is included on a list of hazardous materials sites compiled pursuant to California Government Code §65962.5. According to the database of cleanup sites provided through the California Department of Toxic Substance Control (DTSC), there are no cleanup sites within the vicinity of the project.<sup>22</sup> Therefore, it is concluded that there will be no impact.

- e) **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

**No Impact.** The project site is located approximately three miles from the Orland Haigh Field Airport. This airport is the closest public use airport to the project site.

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<sup>22</sup> California Department of Toxic Substance Control. *Envirostor: Cleanup Sites and Hazardous Waste Permitted Facilities*. <http://www.envirostor.dtsc.ca.gov/public/>.

The project site is not located within the airport land use planning boundary for this airport. This airport would have no impact on the project site and would not create a significant hazard for people residing or working in the project area. Therefore, it is concluded that there will be no impact.

**f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

**Less Than Significant Impact.** The project would not interfere with an adopted emergency response or evacuation plan. All roads in the area would remain open. The project site is located on private property with adequate access to county roads. The project will not interfere with adjacent roadways that may be used for emergency response or evacuation.

Designated emergency evacuation routes in the event of flood or dam failure are listed in Section 3.7 of Volume II of the Glenn County General Plan.<sup>23</sup> The proposed project does not pose a unique or unusual use or activity that would impair the effective and efficient implementation of an adopted emergency response or evacuation plan. The project will not obstruct or compromise the safety of emergency response vehicles or aircraft and their ability to effectively respond in an emergency. It is concluded this project will have a less than significant impact.

**g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?**

**No Impact.** The proposed project would not expose people, agricultural lands, or structures to a significant risk of loss, injury, or death involving wildland fires surrounding the project site. The project site is not located within a State Responsibility Area managed by the California Department of Forestry and Fire Protection (CAL FIRE). It is adjacent to the State Responsibility Area. The site is not ranked by CAL FIRE. The project site is not located within one of the fire hazard zones. The most severe wildland fires occur in the western portion of the County within the Mendocino National Forest. It is concluded that there will be no impact on the project from wildland fires.

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<sup>23</sup> Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume II, Issues*, Public Safety Issue Paper, Section 3.7, Emergency Response Plan.



## X. HYDROLOGY AND WATER QUALITY

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i)	result in a substantial erosion or siltation on- or off-site	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii)	substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii)	create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv)	impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) **Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?**

**Less Than Significant Impact.** The RWQCB is the agency which oversees water quality, The project is monitored by the RWQCB. The project must remain in compliance with, and directly report to, the RWQCB.

- b) **Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?**

**Less Than Significant Impact.** The water supply for the facility is supplied by a groundwater well located in the northwest corner of the property. This well is used to supply the trailer wash, irrigation, and the residence.

The project will not decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin. The water used for the wash is secondarily used to irrigate the agriculture fields of the property, no soaps or chemicals are used in the process.

- c) **Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:**

- i) **result in a substantial erosion or siltation on- or off-site;**
- ii) **substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;**
- iii) **create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or**

**Less Than Significant Impact.** There will not be a significant increase in surface runoff, which would result in erosion or siltation on- or off-site. Development is required to conform to the Glenn County Code, which includes Glenn County Code Section 15.700 (Leveling of Land-Drainage Changes). As is the case under current land use designations and zoning, future development would be required to adhere to standard practices designed to prevent erosion and siltation, such as slope protection and dust control.

Any future drainage changes, as well as all onsite activities, shall meet the requirements of Chapter 15.650 of the County Code, as well as, all required Regional Water Quality Board Regulations.

**iv) impede or redirect flood flows?**

**Less Than Significant Impact.** The project site is located within Flood Zone “X” according to Flood Insurance Rate Map (FIRM) No. 06021C0170D, dated August 5, 2010 issued by the Federal Emergency Management Agency (FEMA). Flood Zone “X” (unshaded) consists of areas of minimal risk outside the 1-percent and 0.2-percent annual chance floodplains. No base flood elevations or base flood depths are shown within this zone. Per direction the majority of the property has been sloped so wash waters will remain on the premises as well as irrigate on site crops. The wash water will be retained on the premises; with no offsite discharge. The grading and drainage patterns of the site are designed in a manner to not increase surface runoff which would result in flooding on- or off-site.

**d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?**

**Less Than Significant Impact.** A seiche is a surface wave created when a body of water is shaken, usually by earthquake activity. Glenn County has low potential for earthquakes. Seiches are potentially hazardous when the wave action created in lakes is strong enough to threaten life and property. Tsunamis are large ocean waves generated by major seismic events and mudflows are landslide events in which a mass of saturated soil flows downhill as a very thick liquid. There would be no impact on the project site from inundation by seiche or tsunami because the project area is not located near large bodies of water that would pose a seiche or tsunami hazard. The project site is located within Flood Zone “X” according to Flood Insurance Rate Map. It is concluded that there will be a less than significant impact on release of pollutants due to local, state, and federal regulations, as well as, the project being monitored by the Central Valley Regional Water Quality Control Board.

**e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?**

**Less than Significant Impact.** The project would not result in a substantial amount of runoff; therefore, it would not exceed the capacity of a stormwater drainage system. The proposal will not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. The proposed project will not substantially degrade water quality. The proposed project would not substantially decrease groundwater supplies or interfere with groundwater recharge as no significant increases in groundwater use are planned.

## XI. LAND USE AND PLANNING

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### a) Would the project physically divide an established community?

**No Impact.** The proposed project is not in allocation that could physically divide an established community. The project would not block a public street, trail, or other access route or result in a physical barrier that would divide a community. The proposed use is integrated into the property. It is concluded that there will be no impact as a result of this project.

### b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

**No Impact.** The General Plan land use designation is “Intensive Agriculture” and the zoning designation is “AE-40” (Exclusive Agriculture (36-acre minimum parcel size)). The proposed project would meet the density requirements for this designation. This project is consistent with and will not conflict with the “AE-40” zoning designation (Glenn County Code Chapter 15.330). The project is consistent with the General Plan land use goals and policies and no significant land use impacts will occur. It is concluded that there will be no impact on land use.

## XII. MINERAL RESOURCES

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The purpose of the Mineral Resources section is to identify and evaluate the potential for the project to adversely affect the availability of known mineral resources. The mineral resources of concern include metals, industrial minerals (e.g., aggregate, sand and gravel), oil and gas, and geothermal resources that would be of value to the region and residents of the State of California.

Notable mineral resources in Glenn County include natural gas and construction grade aggregate material. In addition, published reports indicate past attempts to exploit deposits of chromite, molybdenite and copper. Primary areas for gravel extraction occur along Stony Creek and the Sacramento River, although there are other pockets of gravel scattered throughout the County.

Several gas fields contribute to a significant quantity of natural gas production in Glenn County. Of these, the Malton-Black Butte field located on the border with Tehama County in eastern Glenn County, and the Willows-Beehive Bend field located in southeastern Glenn County account for nearly 80 percent of total gas production in the County. No oil or geothermal resources have been discovered in the County.

Mining in Glenn County was primarily related to the extraction of strategic minerals during World Wars I and II. The extraction of chrome and manganese essentially ended in the late 1940s with the loss of government demand and subsidies.<sup>24</sup>

- a) **Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?**
- b) **Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

<sup>24</sup> Quad Consultants. January 22, 1993. *Glenn County General Plan, Volume III, Environmental Setting Technical Paper*, Section 2.5, Mineral and Energy Resources.

**Less Than Significant Impact.** According to the California Department of Conservation, the project site is not located within a Mineral Resource Zone, which are areas that have a high likelihood of containing significant aggregate deposits.<sup>25</sup> None of the project areas are located on active mine sites. There is no other evidence that any of the project areas have mineral resources that may add value to the region and residents of the state, or are important mineral resource recovery sites. Therefore, no significant impacts to mineral resources are anticipated.

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<sup>25</sup> California Department of Conservation, Mineral Lands Classification,  
<https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=mlc>

### XIII. NOISE

Would the project result in:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- a) **Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

**Less Than Significant Impact.** The area is agricultural. Noise is generated from passing traffic, tractors, harvesters, and processing. There may be periodic increases in noise during the project activities. Construction-related noises between the hours of 7:00 A.M. and 7:00 P.M. are exempt from the local noise standards per Glenn County Code §15.560.100(F)(5). Construction-related noise levels at other times are regulated by Glenn County Code §15.560.100.

The Glenn County General Plan Noise Element provides a basis for local policies to control and abate environmental noise, and to protect the citizens of Glenn County from excessive noise exposure. The County also enforces its Noise Ordinance (Chapter 15.560.100) in the County Code. This ordinance contains noise level standards for residential and non-residential land uses. Section 6.10 of the Glenn County General Plan supplies noise/land use compatibility guidelines and noise level standards. The property is adjacent to County Road 9, which produces associated traffic noise. The project will not result in a substantial temporary or permanent increase in ambient noise levels in the project vicinity. It is concluded there will be less than significant impact.

**b) Generation of excessive groundborne vibration or groundborne noise levels??**

**Less Than Significant Impact.** The proposed project would not generate excessive groundborne vibrations. Vibrations are regulated by Glenn County Code §15.560.130, which states that no use shall generate ground vibrations which are perceptible without instruments beyond the lot line. Ground vibration caused by motor vehicles, aircraft, temporary construction work or agricultural equipment are exempt from the vibration performance standard as stated under Glenn County Code §15.560.130. The impact from construction-related groundborne vibration and groundborne noise is considered less than significant.

**c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

**No Impact.** There are no private airports or private airstrips located within the vicinity of the project site. According to topographic maps and aerial photos, the project site is not located within the vicinity of a private airstrip. Additionally, the project site is located outside of airport land use planning boundaries.<sup>26</sup> This airport is the closest public use airport to project site. The project site is outside of the noise contour based on the Community Noise Equivalent Level (CNEL) as defined in the Willows Glenn County Airport Master Plan. It is concluded that there will be a less than significant impact as a result of this project.

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#### **XIV. POPULATION AND HOUSING**

<sup>26</sup> Glenn County Airport Land Use Commission. June 30, 1990. *Comprehensive Airport Land Use Plan Willows Glenn County Airport*. [http://gcppwa.net/documents/Willows\\_Airport\\_Land\\_Use\\_Plan-1990.pdf](http://gcppwa.net/documents/Willows_Airport_Land_Use_Plan-1990.pdf)



Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Population impacts are often associated with substantial increases in population from a project. Housing impacts may result directly from the construction of new housing units or indirectly from changes in housing demand associated with new non-residential development, such as office, manufacturing, and industrial uses that increase employment in an area.

**a) Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

**No Impact.** The proposed project would not induce substantial population growth directly or indirectly. In accordance with Glenn County General Plan §3.0.2 (Intensive Agriculture), the proposed project will not violate the population density standard of 12 persons per square mile (640 acres). The proposed project would not induce substantial population growth directly or indirectly. Therefore, it is concluded that there will be no impact on population growth.

**b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?**

**No Impact.** The proposal would not displace existing housing or people within the area of the project. Construction of replacement housing would not be necessary with this proposal. Therefore, it is concluded that there will be no impact.

## XV. PUBLIC SERVICES

		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i)	Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii)	Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii)	Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv)	Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
v)	Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:**

**i) Fire protection?**

**Less Than Significant Impact.** This topic is also discussed in section VIII above.

The project site is serviced by Orland Rural Protection District. County roads provide adequate transportation routes to reach the project site in the event of a fire. Response time is not anticipated to be affected by the proposed project. Compliance with state laws will reduce impacts from fire. Therefore, it is concluded that the impact from the proposal is less than significant.

**ii) Police protection?**

**Less Than Significant Impact.** Law enforcement for unincorporated portions of Glenn County, including the project site, is provided by the Glenn County Sheriff's Department. There is a sheriff's office located in the City of Willows and substations located in the City of Orland and Hamilton City. The California Highway Patrol is responsible for patrolling all interstate and state highways. Transportation routes to the project site are adequate for law enforcement to reach the area in the event of an emergency. Response time would not be affected by the proposed project. This project is not anticipated to require the staffing of additional peace officers or the purchase of additional equipment to support law enforcement activities. The project will not generate substantial additional population in the area and therefore would not require additional police surveillance over existing conditions. Based on this information, it is concluded that the project would have a less than significant impact on police protection.

**iii) Schools?**

The project will not result in an increase in demand on the public-school system as the project includes the construction a new private school. The project site is located within the Plaza Unified School District. It is concluded that there is no impact from the project.

**iv) Parks?**

**No Impact.** The County provides for maintenance and upkeep of the existing parks within the unincorporated area. The County has no park facilities within the area of the project. The proposed project would have no impact on the County's ability to maintain its parks and no new substantial demands on the current facilities would be generated by this proposal.

**v) Other public facilities?**

**Less Than Significant Impact.** The proposed project may have incremental increases on demands for other public services and facilities; however, this would be a less than significant impact. The project will not generate substantial additional population to the area and therefore will not have a need for public facilities such as libraries, postal service, hospitals, etc. Public agencies have reviewed this proposal for impacts to public services and facilities and a potentially significant impact has not been identified for this proposed project. Therefore, it is concluded that there is a less than significant impact to other public facilities.

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## **XVI. RECREATION**

		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- a) **Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?**

**No Impact.** The project will have no impact on recreation. No new demand will be generated for the use of the existing area parks. The project does not include recreation facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment.

- b) **Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

**No Impact.** The project does not include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment.

## XVII. TRANSPORTATION

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Glenn County Roads Overview:

The major north-south road is Interstate 5 (I-5), which provides major connection between Glenn County and major cities to the north, such as Red Bluff and Redding, and to the south to cities such as Sacramento. East of I-5, State Routes 32 and 162 are the major east-west roads. Route 32 provides a connection through Orland to Chico, the closest of the major urban areas of California to Glenn County residents. To the south State Route 162 provides a similar connection to Oroville. The next major east-west road to the south is Highway 20, which provides a connection to the Yuba City- Marysville area. Highway 45 is the only major north-south road east of I-5. It serves adjoining land uses as well as providing a connection between State Routes 32, 162, and 20.

State Route 162 is the only state route west of I-5. The route originally began at Highway 101 in Mendocino County and continued into Glenn County, but a 70-mile break currently exists (34 miles of which is in Mendocino County and 36 miles in Glenn County). The intermediate mileage is a seasonal road owned and maintained by Mendocino and Glenn Counties. This travel corridor is the only east-west route between I-5 and Highway 101 between State Routes 20 and 36, a distance of approximately 75 miles.

The jurisdictions responsible for public roads within Glenn County include the County of Glenn, the incorporated cities of Orland and Willows, the State of California, and the U.S. Forest Service.

### a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

**Less Than Significant Impact.** The project site is adjacent to County Road 9 (Wyo Road). Traffic in the area of the project is generally agricultural, passerby,

and limited residential. The majority of truck traffic for this project is from the nearby meat processing plant, also operated by the applicant. Current vehicle traffic in the area consists of farm vehicles, trucks, and equipment. Additional vehicle traffic as a result of this project would not have a significant impact on current access roads or nearby connecting roads. Parking is available at the wash station. The project is not anticipated to result in a significant increase in traffic from current operations. The project will not conflict with any program, plan, ordinance or policy addressing the circulation system including transit, roadway, bicycle and pedestrian facilities.

**b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b) § 15064.3 Determining the Significance of Transportation Impacts (b) Criteria for Analyzing Transportation Impacts**

**(1) Land Use Projects.** *“Vehicles miles traveled exceeding an applicable threshold of significance may indicate a significant impact. Generally, projects within one-half mile of either an existing major transportation stop or a stop along an existing high-quality transit corridor should be presumed to cause a less than significant impact. Projects that decrease vehicle miles traveled in the project area compared to existing conditions should be presumed to have a less than significant impact”.*

**Less Than Significant Impact.** Section 15064.3 was recently added to the CEQA Guidelines and states that “vehicle miles traveled” (VMT) is the preferred method for evaluating transportation impacts. This project includes continued operation of an existing processing facility. The project will not result in a substantial increase in vehicle miles traveled by project-related traffic, because the wash will be used primarily by trucks already in the vicinity. It is concluded there will not be a significant increase in VMT as a result of this proposal; therefore; there will be a less than significant impact.

**c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?**

**Less Than Significant Impact.** The proposed project would not substantially increase traffic hazards due to geometric design feature or incompatible uses. The project does not include potentially hazardous design features such as sharp curves or dangerous intersections. County Road 9 will provide adequate ingress and egress to the proposed facility.

Additionally, the Glenn County Public Works Agency commented on the project with the following requirements, which will be integrated in to the project.

## **COMMENTS**

That prior to any work being done in the County Right-of-Way an Encroachment Permit shall be required. (15.120 GCC)

**CONDITIONS**

Permittee shall pave the approaches at both the entry and exit locations per Glenn County Subdivision Standard S-19 for Private Road Intersection.

**d) Would the project result in inadequate emergency access?**

**Less Than Significant Impact.** The project would not result in inadequate emergency access because of the access to County Road 9. Emergency services agencies have been contacted and have no objections to the proposal. It is concluded that there will be a less than significant impact on emergency access.

## XVIII. TRIBAL CULTURAL RESOURCES

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i)	Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii)	A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AB 52 was enacted on July 1, 2015 and establishes that “a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment” (Public Resources Code Section 21084.2). AB 52 further states that the lead agency shall establish measures to avoid impacts that would alter the significant characteristics of a tribal cultural resource when feasible (PRC Section 21084.3).

Public Resources Code Section 21074 (a)(1)(A) and (B) defines tribal cultural resources as “sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe” and meets either of the following criteria:

- Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or



- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying these criteria, the lead agency shall consider the significance of the resource to a California Native American tribe.

AB 52 also establishes a formal consultation process for California cities, counties, and tribes regarding tribal cultural resources. Under AB 52, lead agencies are required to “begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project.” Native American tribes to be included in the process are those that have requested notice of projects proposed within the jurisdiction of the lead agency.

- a) **Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:**
- i) **Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or**
  - ii) **A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.**
- i) and ii) Less than significant with Mitigations Incorporated.** The project includes continued operation of an existing wash facility, the project is to permit the project.

Pursuant to AB 52, project notifications were sent to Glenn County to tribes that have requested notice of projects proposed within the County to invite consultation and avoid potential impacts to tribal cultural resources. It is concluded the proposal will have a less than significant impact with mitigations incorporated.

#### Discovery of Cultural Resources

In accordance with State and Federal Laws if any potentially prehistoric, protohistoric, and/or historic cultural resources are accidentally encountered during future excavation of the site, all work shall cease in the area of the find pending an examination of the site and materials by a qualified archaeologist.

### **Mitigation Measure TCR -1 (Tribal Cultural Resources)**

In the event that any prehistoric or historic subsurface cultural (including Tribal) resources are discovered during ground disturbing activities, all work within 100 feet of the resources shall be halted and the applicant/operator shall consult with the County and a qualified archaeologist (as approved by the County) and corresponding tribal representative to assess the significance of the find per CEQA Guidelines Section 15064.5. The qualified archaeologist shall determine the nature of the find, evaluate its significance, and, if necessary, suggest preservation or mitigation measures. Appropriate mitigation measures, based on recommendations listed in the archaeological survey report and tribal representative, will be determined by the Glenn County Planning & Community Development Services Agency. Work may proceed on other parts of the project site while mitigation for historical resources, unique archaeological resources, and/or tribal resources is carried out. All significant cultural materials recovered shall be, at the discretion of the consulting archaeologist, subject to scientific analysis, professional museum curation, tribal representative, and documented according to current professional standards.

#### *Timing/Implementation:*

During Construction/Excavation Activities

#### *Enforcement/Monitoring:*

Glenn County Planning & Community Development Services Agency

## XIX. UTILITIES AND SERVICE SYSTEMS

Would the project:		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) **Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?**

**Less Than Significant Impact.** The proposed project will not exceed wastewater treatment requirements of the Regional Water Quality Control Board. There is no municipal wastewater treatment facility proposed with this project. The project will not require or result in new or expanded municipal facilities that could cause significant environmental effects. The proposal will rely on individual sewage disposal systems for wastewater treatment of the existing residence. The wash water, when required, will provide irrigation to the agricultural crops of the property.

The proposed project would not require or result in the construction of new storm water drainage facilities or the expansion of existing facilities; therefore, no

significant environmental damage would result from the construction of such facilities. The project will not require significant alterations to existing electric power, natural gas, or telecommunications facilities. It is concluded there will be a less than significant impact as a result of this project.

**b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?**

**Less Than Significant Impact.** The project will have sufficient water supplies available. The wash water is also used to irrigate the onsite agricultural field. It is concluded the project will have sufficient water supplies available to serve the project and foreseeable future development during normal, dry and multiple dry years.

**c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?**

**Less Than Significant Impact.** The property does not have connection to a municipal wastewater treatment provider; therefore, the project will not result in the requirement for the expansion of municipal system.

**d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?**

**Less Than Significant Impact.** The Glenn County Environmental Health Department made the following comments regarding the proposal, which will be integrated in to the project.

1. In order to remain an excluded activity under CalRecycle regulations all compostable material from the agriculture livestock washout, on-site at any one time, shall not exceed 100 cubic yards and 750 square feet.

2. In addition, all compostable material from the agriculture livestock washout shall be applied to that same agricultural property, or an agricultural site owned or leased by the owner, parent, or subsidiary of the composting activity.

➤ *Title 14 CCR § 17855. Excluded Activities*

*(a) Except as provided otherwise in this Chapter, the activities listed in this section do not constitute compostable material handling operations or facilities and are not required to meet the requirements set forth herein. Nothing in this section precludes the EA or the Department from inspecting an excluded activity to verify that the activity is being conducted in a manner that qualifies as an excluded activity or from taking any appropriate enforcement action.*

*(4) Composting green material, agricultural material, food material, and vegetative food material, alone or in combination, is an excluded activity if the*

*total amount of feedstock and compost on-site at any one time does not exceed 100 cubic yards and 750 square feet.*

*[NOTE: Persons handling compostable material under the above exclusion are obligated to obtain all permits, licenses, or other clearances that may be required by other regulatory agencies including, but not limited to local health entities and local land use authorities.]*

Note: A solid waste facility permit may be required by the LEA if operations are not conducted in a manner that maintains compliance with CalRecycle regulations as an excluded activity.

3. All waste water from the agriculture livestock washout shall be stored and applied to that same agricultural property.

4. All waste water from the agriculture livestock washout shall be stored and applied in an area and manner that maintains at least 100 feet of separation from any water well.

5. Measures shall be taken in all phases of the agriculture livestock washout operation to prevent flies and odors from becoming a nuisance

**e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?**

**Less Than Significant Impact.**

In compliance with guidelines set forth by AB 939 (California Integrated Waste Management Act of 1989), the County of Glenn has adopted a Source Reduction and Recycling Element (SRRE) to define goals and objectives for waste reduction, recycling, and diversion. The SRRE defines guidelines to implement these goals and objectives through seven main programs, consisting of Source Reduction, Recycling, Composting, Special Waste Materials, Public Education, Policy Incentives, and Facility Recovery. The proposed project will be required to comply with all federal, state, and local statutes and regulations related to solid waste disposal. As a result, there would be a less than significant impact on solid waste regulations.

## XX. WILDFIRE

		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

**Less Than Significant Impact.** The project would not interfere with an adopted emergency response or emergency evacuation plan. All roads in the area would remain open. The project site is located on private property with adequate access to county roads. The project will not interfere with adjacent roadways that may be used for emergency response or evacuation. The project will not prohibit subsequent plans from being established or prevent the goals and objectives of existing plans from being carried out. The proposed project does not pose a unique or unusual use or activity that would impair the effective and efficient implementation of an adopted emergency response or evacuation plan. According to Figure 3-2 of Volume II of the Glenn County General Plan, the project site is not located within a fire hazard severity zone. The most severe wildland fires occur in the western portion of the County within the Mendocino National Forest. The project will not obstruct or compromise the safety of emergency response vehicles or aircraft and their ability to effectively respond in an emergency. Therefore, it is concluded that there is a less than significant impact.

- b) **Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?**

**Less Than Significant Impact.** The project site is relatively flat with minimal slope. The project site has no features that would exacerbate wildfire risk including slope or prevailing winds; therefore, it is concluded there will be a less than significant impact.

- c) **Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?**

**No Impact.** This project would not require the installation or maintenance of additional infrastructure that may exacerbate fire risk impacts to the environment. It is concluded there will be no impact.

- d) **Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?**

**Less Than Significant Impact.** The project site is relatively flat. No people or structures will be exposed to a significant risk due to post-fire slope instability or drainage changing. It is concluded there will be a less than significant impact.

## XXI. MANDATORY FINDINGS OF SIGNIFICANCE

		Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b)	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) **Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?**

**Less Than Significant Impact.** All impacts associated with the project have been identified in this document. Impacts on biological resources and cultural resources were discussed in sections IV and V above. The project would not degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory. All uses at the site are subject to applicable codified federal, state, and local laws and regulations. It is concluded that there will be a less than significant impact.



- b) **Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?**

**Less Than Significant Impact.** As detailed throughout this document, the proposed project would have a less than significant impact. Total impacts from the project will not be cumulatively considerable. Therefore, impacts are considered less than significant.

- c) **Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?**

**Less Than Significant Impact.** The proposed project would not create significant hazards or health safety concerns. Aspects of this project, which have the potential to have an effect on human beings or the environment, have been discussed in this document. The impacts of the project have been concluded to be less than significant. The project as proposed will not have substantial adverse effects on human beings, either directly or indirectly. It is concluded that there will be a less than significant impact.

## REFERENCES

In addition to the resources listed below, Initial Study analysis may also be based on on-site field observations, discussions with the affected agencies, analyses of adopted plans and policies, review of existing studies, and specialized environmental studies. Most resource materials are on file in the office of the Glenn County Planning & Community Development Services Agency, 225 North Tehama Street, Willows, CA 95988, Phone (530) 934-6540.

### **Records of, or consultation with the following:**

California Department of Conservation, California Geologic Survey  
California Department of Fish and Wildlife  
California Department of Transportation (Caltrans)  
California Environmental Protection Agency, Regional Water Quality Control Board, Central Valley Region  
Glenn County Agricultural Commissioner  
Glenn County Air Pollution Control District/Certified Unified Program Agency  
Glenn County Environmental Health Department  
Glenn County Planning & Public Works Agency, Building Inspection Division  
Glenn County Planning & Public Works Agency, Engineering & Surveying Division  
Glenn County Planning & Public Works Agency, Solid Waste Division  
Glenn County Sheriff's Office  
Northeast Information Center (NEIC) of the California Historical Resources Information System (CHRIS)  
Orland Rural Fire Protection District  
Orland Unit Water Users' Association  
Pacific Gas and Electric Company (PG&E)

California Department of Conservation, California Geologic Survey. *Map 49, California Earthquakes, 1800-2000.*  
<http://www.consrv.ca.gov/CGS/rghm/quakes/Pages/index.aspx>.

California Department of Conservation, Division of Land Resource Protection. *Farmland Mapping and Monitoring Program.*  
<http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>.

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources. 2001. *Oil, Gas, and Geothermal Fields in California.*

California Department of Conservation. 1997. *Mined Land Classification Map for Concrete-Grade Aggregate Resources Central Glenn County.*

California Department of Fish and Game. 1994. *A Field Guide to Lake and Streambed Alteration Agreements, Sections 1600-1607, California Fish and Game Code.* Environmental Services Division, Sacramento, CA.

California Department of Fish and Wildlife. *California Central Valley Wetlands and Riparian GIS Data Sets*: <http://www.dfg.ca.gov/biogeodata/wetlands/>.

California Department of Fish and Wildlife. *California Natural Diversity Database*.  
<https://www.wildlife.ca.gov/Data/CNDDB>

California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones in State Responsible Areas (SRA, Fire and Resource Assessment Program (FRAP)*.  
[http://frap.cdf.ca.gov/webdata/maps/glenn/fhszs\\_map.11.jpg](http://frap.cdf.ca.gov/webdata/maps/glenn/fhszs_map.11.jpg).

California Department of Justice, Office of the Attorney General. *Global Warming*.  
<http://ag.ca.gov/globalwarming/index.php>

California Department of Toxic Substance Control. *Envirostor: Cleanup Sites and Hazardous Waste Permitted Facilities*. <http://www.envirostor.dtsc.ca.gov/public/>.

California Department of Transportation. *Officially Designated State Scenic Highways*.  
<http://www.dot.ca.gov/hq/LandArch/scenic/schwy.htm>.

California Environmental Protection Agency, Air Resources Board. *Climate Change Program*.  
<http://www.arb.ca.gov/cc/cc.htm>

California Environmental Protection Agency, Air Resources Board. *State Area Designations*. <http://www.arb.ca.gov/desig/adm/adm.htm>.

Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*. Department of the Army, Waterways Experiment Station, Vicksburg, Mississippi 39180-0631.

Federal Emergency Management Agency. Flood Insurance Rate Maps (FIRM) for Glenn County, as revised to date.

Glenn County Airport Land Use Commission. February 27, 1991. *Comprehensive Airport Land Use Plan: Orland-Haigh Field Airport*.  
[http://gcppwa.net/documents/Orland\\_Airport\\_Land\\_Use\\_Plan-1991.pdf](http://gcppwa.net/documents/Orland_Airport_Land_Use_Plan-1991.pdf).

Glenn County Planning & Public Works Agency. Glenn County Geographic Information System.

Institute of Transportation Engineers. 1997. *Trip General Manual*.

Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume I, Policy Plan*.

Quad Consultants. June 15, 1993. *Glenn County General Plan, Volume II, Issues, Public Safety Issue Paper*.

Quad Consultants. January 22, 1993. *Glenn County General Plan, Volume III, Environmental Setting Technical Paper.*

Quad Knopf. May 2005. *Confined Animal Facilities Element of the Glenn County General Plan.*

State of California. September 2006. *Assembly Bill 32 California Global Warming Solutions Act of 2006*, [http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab\\_0001-0050/ab\\_32\\_bill\\_20060927\\_chaptered.pdf](http://www.leginfo.ca.gov/pub/05-06/bill/asm/ab_0001-0050/ab_32_bill_20060927_chaptered.pdf)

Title 15 (Unified Development Code) of the Glenn County Code, as revised to date. [http://www.countyofglenn.net/govt/county\\_code/?cc\\_t\\_id=17](http://www.countyofglenn.net/govt/county_code/?cc_t_id=17)

United States Department of Agriculture (USDA), Farm Service Agency. 2014. Aerial Photography Field Office, National Agriculture Imagery Program (NAIP). <http://www.fsa.usda.gov/FSA/apfoapp?area=home&subject=proq&topic=nai>

United States Department of Agriculture (USDA), Natural Resource Conservation Service. Soil Survey Geographic (SURGO) Database. <http://soils.usda.gov/survey/geography/ssurgo/>

United States Department of Agriculture, Soil Conservation Service and Forest Service. 1968. Soil Survey of Glenn County, California.

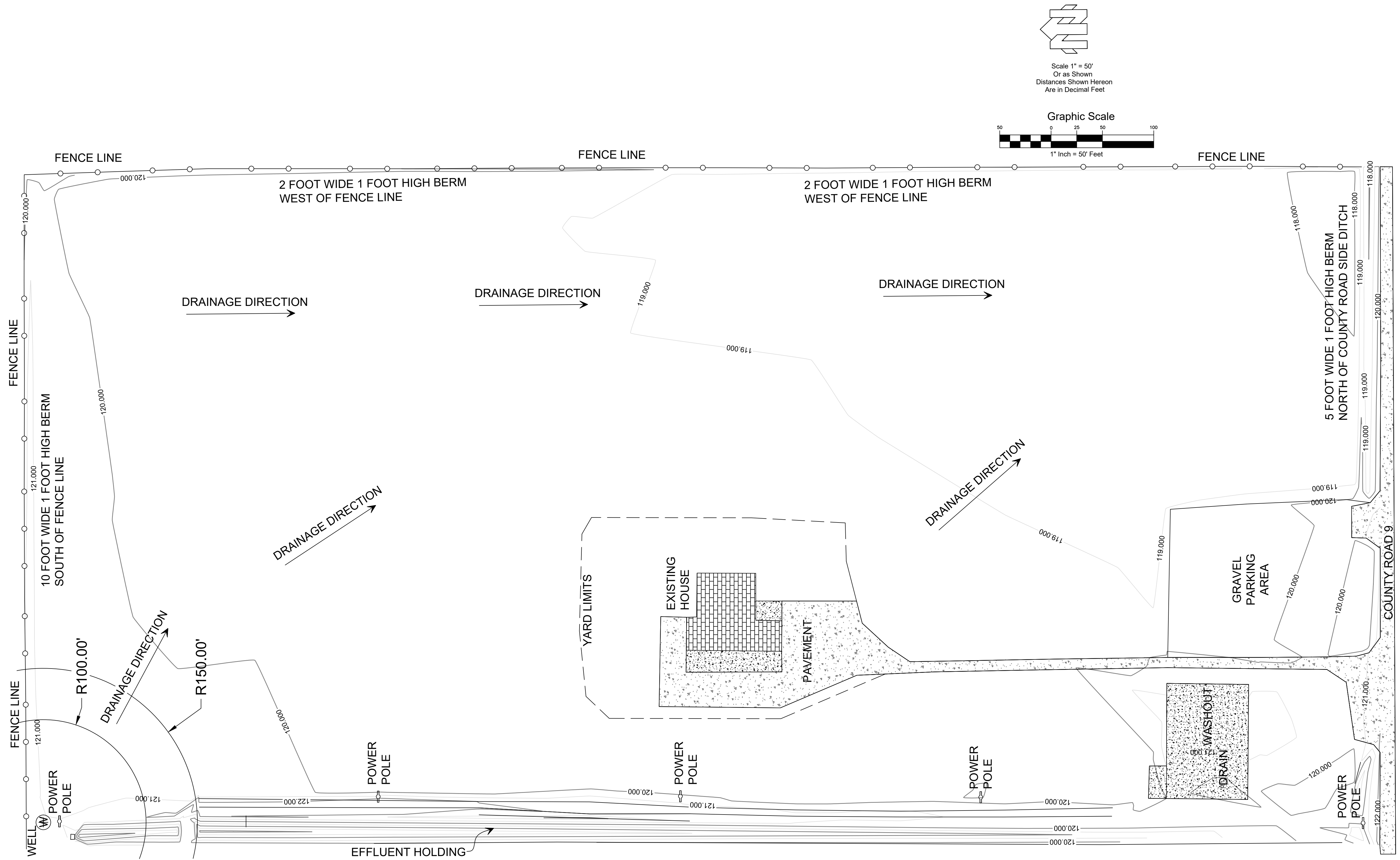
United States Fish and Wildlife Service. *National Wetlands Inventory*: <http://www.fws.gov/nwi>.

United States Environmental Protection Agency. *Indoor Water use in the United States*. <http://www.epa.gov/WaterSense/pubs/indoor.html>

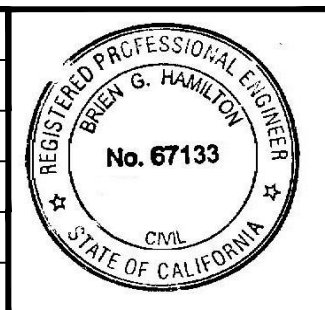
United States Geological Survey. December 2000. *Land Subsidence in the United States*, USGS Fact Sheet -165-00. <http://water.usgs.gov/ogw/pubs/fs00165/>.

United States Geological Survey and California Geological Survey. 2008. *Earthquake Shaking Potential for California*. [http://www.consrv.ca.gov/cgs/information/publications/ms/Documents/MS48\\_revised.pdf](http://www.consrv.ca.gov/cgs/information/publications/ms/Documents/MS48_revised.pdf).

United States Geological Survey and California Geologic Survey. *Seismic Shaking Hazards in California*. <http://www.consrv.ca.gov/cgs/rghm/psha/Pages/pga.aspx>.



DESIGNED	APPROVED	REVISION	DATE	BY
DRAWN B.Hamilton	B.Hamilton			
CHECKED: B.Hamilton	DATE			



Engineer  
*Brien G. Hamilton*  
Brien G. Hamilton R.C.E. 67133

Owner  
**JAMES & MARIE OLSON**

Sheet Title  
**Topographic Survey**

Project Location:  
**7120 CO. RD. 9**

Project Coordination

Consultant  
**Hamilton Engineering Incorporated**  
P.O. Box 978 Orland, California 95963  
Phone: (530) 865-8551 Fax: (530) 267-8347

1" = 50' Horizontal  
Scale:  
1.00' Contour Interval  
Scale:

Job Number  
20-144  
Sheet 1 of 1

# GLENN COUNTY

## Planning & Community Development Services Agency

777 N. Colusa Street  
Willows, CA 95988  
530.934.6530 Fax 530.934.6533  
[www.countyofglenn.net](http://www.countyofglenn.net)



Donald Rust, Director

### REQUEST FOR REVIEW

#### COUNTY DEPARTMENTS/DISTRICTS

- ☒ Glenn County Agricultural Commissioner
- ☒ Glenn County Air Pollution Control District/CUPA
- ☒ Glenn County Assessor
- ☒ Glenn County Building Inspector
- ☒ Glenn County Engineering & Surveying Division
- ☒ Glenn County Environmental Health Department
- ☒ Glenn County Sheriff's Department
- ☐ Glenn County Board of Supervisors
- ☐ Glenn County Counsel
- ☐ Glenn County Planning Commission
- ☐ Glenn LAFCO

#### FEDERAL AGENCIES

- ☐ U.S. Army Corps of Engineers
- ☐ U.S. Fish and Wildlife Service
- ☐ U.S. Department of Agriculture
- ☐ U.S. Bureau of Reclamation - Willows

#### OTHER

- ☐ Western Area Power Administration
- ☐ California Water Service Co. (Chico)
- ☐ Sacramento River National Wildlife Refuge
- ☐ City of Willows
- ☐ Comcast Cable (Chico Office)
- ☐ Community Services District:
- ☒ Pacific Gas and Electric Company (PG&E)
- ☒ Fire Protection District: Orland Rural
- ☐ Glenn County Resource Conservation District
- ☒ School District: Lake

#### STATE AGENCIES

- ☐ Central Valley Flood Protection Board
- ☒ Central Valley Regional Water Quality Control Board (RWQCB)
- ☐ State Water Resources Control Board – Division of Drinking Water
- ☐ Department of Alcoholic Beverage Control (ABC)
- ☐ Department of Conservation, Division of Land Resource Protection
- ☐ Department of Conservation, Office of Mine Reclamation (OMR)
- ☐ Department of Conservation, Division of Oil, Gas, and Geothermal Resources
- ☒ Department of Fish and Wildlife
- ☐ Department of Food and Agriculture
- ☐ Department of Forestry and Fire Protection (Cal Fire)
- ☐ Department of Housing and Community Development (HCD)
- ☐ Department of Public Health
- ☐ Department of Toxic Substances Control (DTSC)
- ☐ Department of Transportation (Caltrans)
- ☐ Department of Water Resources (DWR)
- ☐ Office of the State Fire Marshall
- ☐ CalRecycle

- ☐ Northeast Center of the California Historical Resources Information System
- ☒ Grindstone Rancheria of Wintun-Wailaki
- ☒ Paskenta Band of Nomlaki Indians
- ☒ Mechoopda Indian Tribe of Chico Rancheria
- ☒ Middletown Rancheria of Pomo Indians California
- ☐ Railroad:
- ☐ Reclamation District:
- ☐ Glenn Ground Water District:
- ☐ Special District:
- ☒ Capay Rancho Water District

DATE: July 9, 2019

PROJECT: Conditional Use Permit 2019-001  
Agriculture Livestock Washout

PLANNER: Greg Conant, Assistant Planner; [gconant@countyofglenn.net](mailto:gconant@countyofglenn.net)

APPLICANT: James Olson  
7120 County Road 9  
Orland, CA 95963

LANDOWNER James & Marie Olson  
7120 County Road 9  
Orland, CA 95963

PROPOSAL: Conditional Use Permit 2019-001  
Agriculture Livestock Washout

James Olson has applied for a Conditional Use Permit to operate an agriculture livestock washout. No new structures are being proposed; the washout is proposed to operate on an existing cement slab. According to application materials this project will not have any employees and the washout can be accessed 24/7.

Additional project information/documentation has been included. Please refer to the attached application, project narrative, and plot plan.

LOCATION: The project site is 7120 County Road 9, approximately 3-miles northeast of Orland. The site is located on the north side of County Road 9, east of County Road P, south of Tehama/Glenn County Line and west of County Road QQ, within the unincorporated area of Glenn County, California.

ZONING: “AE-40” Exclusive Agriculture Zone (36-acre minimum parcel size)

GENERAL PLAN: “Intensive Agriculture”

APN: 044-200-007 (19.55± acres)

FLOOD ZONES: Flood Zone “X” according to Flood Insurance Rate Map (FIRM) No. 06021C0170D, dated August 5, 2010 issued by the Federal Emergency Management Agency (FEMA). Flood Zone “X” (unshaded) consists of areas of minimal risk outside the 1-percent and 0.2-percent annual chance floodplains. No base flood elevations or base flood depths are shown within this zone.

The Glenn County Planning Division is requesting comments on this proposal for determination of completeness, potential constraints, and/or proposed conditions of approval. If comments are not received by **Friday, July 26, 2019**, it is assumed that there are no specific comments to be included in the analysis of the project. Comments submitted by e-mail are acceptable. Thank you for considering this matter.

**AGENCY COMMENTS:**

Please consider the following:

1. Is the information in the application complete enough to analyze impacts and conclude review?
2. Comments may include project-specific code requirements unique to the project. Cite code section and document (i.e. General Plan, Subdivision Map Act, etc.).
3. What are the recommended Conditions of Approval for this project and justification for each Condition? When should each Condition be accomplished (i.e. prior to any construction at the site, prior to recording the parcel map, filing the Final Map, or issuance of a Certificate of Occupancy, etc.)?
4. Are there significant environmental impacts? What mitigation(s) would bring the impacts to a less than significant level? When should mitigation(s) be accomplished (i.e. prior to recording parcel map, filing Final Map, or Certificate of Occupancy, etc.)?





# Project CUP 2019-001



Project Site

USGS 7.5 Minute Quadrangle Map  
Portion of Section 7 & 8, T22N, R2W, Kirkwood

0 250 500 1,000 Feet



Glenn County Planning and Community  
Development Services Agency 2019

CUP \_\_\_\_\_

GLENN COUNTY  
PLANNING AND PUBLIC WORKS AGENCY  
777 North Colusa Street  
WILLOWS, CA 95988  
(530) 934-6540  
FAX (530) 934-6533  
[www.countyofglenn.net](http://www.countyofglenn.net)

### APPLICATION FOR CONDITIONAL USE PERMIT

NOTE: FAILURE TO ANSWER APPLICABLE QUESTIONS AND REQUIRED ATTACHMENTS COULD DELAY THE PROCESSING OF YOUR APPLICATION.

1. Applicant(s):

Name: James Olson

Address: 7120 Road 9 Orland Ca 95963

Phone:(Business) \_\_\_\_\_ (Home) 530 865-3186

Fax: \_\_\_\_\_ E-mail: rememberyourgoals@gmail.com

2. Property Owner(s):

Name: James & Marie Olson

Address: 7120 Road 9 Orland Ca 95963

Phone:(Business) \_\_\_\_\_ (Home) (530) 865-3186

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

3. Engineer/Person who Prepared Site Plan (if applicable):

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone:(Business) \_\_\_\_\_ (Home) \_\_\_\_\_

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

4. Name and address of property owner's duly authorized agent (if applicable) who is to be furnished with notice of hearing (Section 65091 California Government Code).

Name: James Olson

Mailing Address: 7120 Road 9 Orland Ca 95963

5. Request or Proposal: Application for Conditional use Permit for agricultural livestock Wash Out.

6. Address and Location of Project: 7120 Road 9 Orland

7. Current Assessor's Parcel Number(s): 044 - 200 - 007

8. Existing Zoning: AE

9. Existing Use of Property: Agricultural

10. Provide any additional information that may be helpful in evaluating this request: Internal Questions can be directed to Donald Rust, Director.
- \_\_\_\_\_
- \_\_\_\_\_

**DECLARATION UNDER PENALTY OF PERJURY**

(Must be signed by Applicant(s) and Property Owner(s))

(Additional sheets may be necessary)

The Applicant(s) and/or Property Owner(s), by signing this application, shall be deemed to have agreed to defend, indemnify, release and hold harmless the County, its agents, officers, attorneys, employees, boards and commissions from any claim, action or proceeding brought against the foregoing individuals or entities, the purpose of which is to attack, set aside, void or null the approval of this development entitlement or approval or certification of the environmental document which accompanies it, or to obtain damages relating to such action(s). This indemnification agreement shall include, but not be limited to, damages, costs expenses, attorney fees or expert witness fees that may be asserted by any person or entity, including the applicant, arising out of or in connection with the approval of the entitlement whether or not there is concurrent passive or active negligence on the part of the County.

Applicant(s):

Signed: 

Print: James Olson

Date: June 12~~th~~ 2019

Address: 7120 Road 9 Orland Ca 95963

I am (We are) the owner(s) of property involved in this application and I (We) have completed this application and all other documents required.

I am (We are) the owner(s) of the property involved in this application and I (We) acknowledge the preparation and submission of this application.

I (We) declare under penalty of perjury that the foregoing is true and correct.

Property Owner(s):

Signed: 

Print: Marie Olson

Date: June 12 2019

Address: 7120 Road 9 Orland Ca 95963



Case \_\_\_\_\_

GLENN COUNTY  
PLANNING AND PUBLIC WORKS AGENCY  
777 North Colusa Street  
WILLOWS, CA 95988  
(530) 934-6540  
FAX (530) 934-6533  
[www.countyofglenn.net](http://www.countyofglenn.net)

**ENVIRONMENTAL INFORMATION FORM**

To be completed by applicant or engineer

Use extra sheets if necessary

This list is intended to meet the requirements of State of California Government Code Section 65940.

I. GENERAL INFORMATION:

1. Name: James Olson  
Address, City, State, Zip: 7120 Road 9  
Orland Ca 95963  
Telephone: (530) 865-3186 Fax: \_\_\_\_\_  
E-mail: remembergargals@gmail.com
2. Name: \_\_\_\_\_  
Address, City, State, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail: \_\_\_\_\_
3. Address and Location of Project: 7120 Road 9  
Orland Ca 95963
4. Current Assessor's Parcel Number(s): 044 - 200 - 007
5. Existing Zoning: AE
6. Existing Use: AE
7. Proposed Use of Site (project for which this form is prepared): AE
8. Indicate the type of permit(s) application(s) to which this form pertains: Conditional Use Permits.

9. If the project involves a variance, conditional use permit, or rezoning application, state this and indicate clearly why the application is required:

Conditional use Permit: Donald Rust indicated  
that it was needed

10. List and describe any other related permit(s) and other public approvals required for this project, including those required by city, regional, state, and federal agencies: None

11. Have any special studies been prepared for the project site that are related to the proposed project including, but not limited to traffic, biology, wetlands delineation, archaeology, etc? No

II. ENVIRONMENTAL SETTING:

1. Describe in detail the project site as it exists before the project, including information on topography, soil stability, plants and animals (wetlands, if any), different crops, irrigation systems, streams, creeks, rivers, canals, water table depth, and any cultural historical or scenic aspects. Describe any existing structures on the site, and the use of the structures. Attach photographs of the site. Snapshots or Polaroid photos will be accepted.

20 acre parcel w/ a dwelling.  
The remaining acres of land are  
used to wash down equipment and grow  
a crop.

2. Describe the surrounding properties, including information on plants, animals, and any cultural, historical or scenic aspects. Indicate the type of land use (residential, commercial, agricultural, etc.), intensity of land use (one-family, apartment houses, shops, department stores, dairy, row crops, orchards, etc.) Attach photographs of the vicinity. Snapshots or Polaroid photos will be accepted.

North: Walnut Orchard

East: Olive Orchard

South: Empty AE Field.

West: Almond Orchard

3. Describe noise characteristics of the surrounding area (include significant noise sources): White noise emanating from  
Road 9.

III. SPECIFIC ITEMS OF IMPACT:

1. Drainage:

Describe how increased runoff will be handled (on-site and off-site): all  
water is contained on-site

Will the project change any drainage patterns? (Please explain): no

Will the project require the installation or replacement of storm drains or channels? If yes, indicate length, size, and capacity: no

Are there any gullies or areas of soil erosion? (Please explain): no

Do you plan to grade, disturb, or in any way change swales, drainages, ditches, gullies, ponds, low lying areas, seeps, springs, streams, creeks, river banks, or other area on the site that carries or holds water for any amount of time during the year? no

If yes, you may be required to obtain authorization from other agencies such as the Army Corps of Engineers or California Department of Fish and Game.

2. Water Supply:

Indicate and describe source of water supply (domestic well, irrigation district, private water company): Domestic Ag Well

Will the project require the installation or replacement of new water service mains? no

3. Liquid Waste Disposal:

Will liquid waste disposal be provided by private on-site septic system or public sewer?: no

If private on-site septic system, describe the proposed system (leach field or seepage pit) and include a statement and tests explaining percolation rates, soil types, and suitability for any onsite sewage disposal systems: \_\_\_\_\_

Will any special or unique sewage wastes be generated by this project other than normally associated with resident or employee restrooms? Industrial, chemical, manufacturing, animal wastes? (Please describe) Diluted Animal  
Waste

Should waste be generated by the proposed project other than that normally associated with a single family residence, Waste Discharge Requirements may be required by the Regional Water Quality Control Board.

4. Solid Waste Collection:

How will solid waste be collected? Individual disposal, private carrier, city? Manure Separator

5. Source of Energy:

What is the source of energy (electricity, natural gas, propane)? Electric

If electricity, do any overhead electrical facilities require relocation? Is so, please describe: NO

If natural gas, do existing gas lines have to be increased in size? If yes, please describe: N/A

Do existing gas lines require relocation? If yes, please describe: N/A

6. Fire Protection:

Indicate number and size of existing and/or proposed fire hydrants and distance from proposed buildings: N/A

Indicate number and capacity of existing and/or proposed water storage facilities and distance from proposed buildings: N/A



IV. FOR ZONE CHANGE, ZONE VARIANCE, AND SPECIAL USE PERMIT APPLICATION:

1. Number and sizes of existing and proposed structures: 1 Residential Dwelling:  
\_\_\_\_\_  
\_\_\_\_\_  
  
Square footage (structures) 0 S.F.; 4,400 S.F.  
(New) (Existing)
2. Percentage of lot coverage: 5%
3. Amount of off-street parking provided: all of Property
4. Will the project be constructed in phases? If so, please describe each phase briefly: N/A  
\_\_\_\_\_  
\_\_\_\_\_
5. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected: N/A
6. If commercial, indicate type, estimated employment per shift, days and hours of operation, estimated number of daily customers/visitors on site at peak time, and loading facilities: N/A
7. If industrial, indicate type, estimated employment per shift, and loading facilities: N/A
8. If institutional, indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project: N/A
9. List types and quantities of any hazardous or toxic materials, chemicals, pesticides, flammable liquids, or other similar product used as a part of the operation and storage container sizes:  
none N/A

Submit Material Safety Data Sheets (MSDS) for any proposed hazardous materials. If hazardous materials are proposed, it is recommended that the applicant contact the Air Pollution Control District/CUPA for permitting requirements.

10. Describe any earthwork (grading) to be done and dust control methods to be used during construction: None
11. Describe any potential noise or vibration sources associated with the project (i.e. compressor, machine noise, heavy equipment). None
12. Describe source, type, and amount of air pollutant emissions (smoke, odors, steam, gases, water vapor, dust, chemicals) from the project. Describe what methods would be used to reduce emissions: None

V. CERTIFICATION:

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements and information presented are true and correct to the best of my knowledge and belief.

Date: June 12, 2019 Signature: \_\_\_\_\_

For: \_\_\_\_\_

According to Section 65943 for the California Government Code, your application will be reviewed within 30 days and you or your agent will receive written notice regarding the completeness of your application. Any reviewing agency may, in the course of processing the application, request the applicant to clarify, amplify, correct, or otherwise supplement the information required for the application.

According to Section 65944 (C), additional information may be requested in order to comply with Division 13 of the State of California Public Resources Code.

This project is already completed – we are submitting this application at the request of Donald Rust Glenn County Director. this is a Slab of cement where we can rinse out livestock trailers and agricultural equipment. There are no employees. The pad of cement can be accessed 24/7. Wood chips are generated on site and are handled by the property owner. This will not be a danger to the public or traffic safety due the easements that were installed back in 2017. This make for easy entry and exit's to the property. This is an agricultural operation not a commercial truck wash facility. This operation removes material from a waste stream, thus helping the environment and those in county.

# PRELIMINARY REPORT

**To:**

MARK OLSON

**Title Officer:**

TITLE OFFICER: DEBBIE FALTESEK  
TIMIOS TITLE  
750 MAIN STREET  
RED BLUFF, CA 96080  
PHONE NO.: 530-988-5590

ESCROW NO: 71-00150049

**Property Address:**

7120 COUNTY ROAD 9  
ORLAND, CA, 95963-9607

**Title No:**

71-00150048

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy Forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

**It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.**

**This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a binder or commitment should be requested.**

The form of Policy of title insurance contemplated by the report is:

**ALTA STANDARD OWNER'S POLICY 2006**

Issued by: FIRST AMERICAN TITLE INSURANCE COMPANY

Dated as of: JUNE 3, 2019 at 8:00 a.m.

The Estate or Interest in the land hereinafter described or referred to covered by this report is:

Fee Simple

Title to said estate of interest at the date hereof is vested in:

JAMES E. OLSON AND MARIE B. OLSON, HUSBAND AND WIFE AS JOINT TENANTS

At the date hereof exceptions to coverage in addition to the printed exceptions and exclusions contained in said policy form would be as follows:

1. PROPERTY TAXES, INCLUDING ANY ASSESSMENTS COLLECTED WITH TAXES, TO BE LEVIED FOR THE FISCAL YEAR 2019-2020 THAT ARE A LIEN NOT YET DUE.
2. THE LIEN OF SUPPLEMENTAL OR ESCAPED ASSESSMENTS OF PROPERTY TAXES, IF ANY, MADE PURSUANT TO THE PROVISIONS OF PART 0.5, CHAPTER 3.5 OR PART 2, CHAPTER 3, ARTICLES 3 AND 4 RESPECTIVELY (COMMENCING WITH SECTION 75) OF THE REVENUE AND TAXATION CODE OF THE STATE OF CALIFORNIA AS A RESULT OF THE TRANSFER OF TITLE TO THE VESTEE NAMED IN SCHEDULE A; OR AS A RESULT OF CHANGES IN OWNERSHIP OR NEW CONSTRUCTION OCCURRING PRIOR TO THE DATE OF THE POLICY.
3. THE LAND HEREIN DESCRIBED LIES WITHIN THE BOUNDARIES OF CAPAY RANCHO WATER DISTRICT AND IS SUBJECT TO ALL TAXES, ASSESSMENTS AND OBLIGATIONS THEREOF.
4. RIGHTS OF THE PUBLIC IN AND TO THAT PORTION OF SAID LAND LYING WITHIN COUNTY ROAD 9.
5. SEISMIC SURVEY AND OIL AND GAS LEASE OPTION AGREEMENT MEMORANDUM UPON THE TERMS, COVENANTS AND CONDITIONS CONTAINED IN AN UNRECORDED SEISMIC SURVEY AND LEASE OPTION AGREEMENT REFERRED TO THEREIN DATED OCTOBER 15, 1997, RECORDED JANUARY 7, 1998, GLENN COUNTY RECORDER'S FILE NO. 98-0098 OF OFFICIAL RECORDS.  
LESSOR: DOMINIQUE SICARI AND ESTELLE SICARI, HUSBAND AND WIFE AS JOINT TENANTS  
LESSEE: WESTERN CONTINENTAL OPERATING COMPANY, A CALIFORNIA CORPORATION
6. OIL, GAS AND MINERAL LEASE MEMORANDUM UPON THE TERMS, COVENANTS AND CONDITIONS CONTAINED IN AN UNRECORDED LEASE REFERRED TO THEREIN RECORDED DECEMBER 15, 1998, GLENN COUNTY RECORDER'S FILE NO. 98-6975 OF OFFICIAL RECORDS.  
LESSOR: DOMINIQUE SICARI AND ESTELLE SICARI, HUSBAND AND WIFE AS JOINT TENANTS  
LESSEE: KEY PRODUCTION COMPANY, INC., A DELAWARE CORPORATION  
  
THE PRESENT OWNERSHIP OF SAID LEASEHOLD AND OTHER MATTERS AFFECTING THE LEASE ARE NOT SHOWN HEREIN.
7. AGRICULTURAL STATEMENT OF ACKNOWLEDGEMENT EXECUTED BY JAMES E. OLSON AND MARIE B. OLSON, DATED MAY 20, 2003, RECORDED MAY 20, 2003, GLENN COUNTY RECORDER'S INSTRUMENT NO. 2003-3338 OF OFFICIAL RECORDS.
8. A DEED OF TRUST TO SECURE AN INDEBTEDNESS IN THE ORIGINAL AMOUNT SHOWN BELOW.  
AMOUNT: \$290,000.00  
DATED: MAY 2, 2013  
TRUSTOR: MARIE B. OLSON AND JAMES E. OLSON, WIFE AND HUSBAND AS JOINT TENANTS  
TRUSTEE: T. D. SERVICE COMPANY  
BENEFICIARY: SIERRA CENTRAL CREDIT UNION  
RECORDED: MAY 8, 2013 AS INSTRUMENT NO. 2013-1932 OF OFFICIAL RECORDS.
9. A DEED OF TRUST TO SECURE AN INDEBTEDNESS IN THE ORIGINAL AMOUNT SHOWN BELOW.  
AMOUNT: \$150,000.00  
DATED: MARCH 15, 2017  
TRUSTOR: JAMES E. OLSON AND MARIE B. OLSON, WHO ARE MARRIED TO EACH OTHER  
TRUSTEE: PLACER TITLE COMPANY  
BENEFICIARY: TRI COUNTIES BANK  
RECORDED: MARCH 27, 2017 AS INSTRUMENT NO. 2017-1329 OF OFFICIAL RECORDS.

THE ABOVE DEED OF TRUST STATES THAT IT SECURES A LINE OF CREDIT. BEFORE THE CLOSE OF ESCROW, WE REQUIRE EVIDENCE SATISFACTORY TO US THAT (A) ALL CHECKS, CREDIT CARDS OR OTHER MEANS OF DRAWING UPON THE LINE OF CREDIT HAVE BEEN SURRENDERED TO ESCROW, (B) THE BORROWER HAS NOT DRAWN UPON THE LINE OF CREDIT SINCE THE LAST TRANSACTION REFLECTED IN THE LENDER'S PAYOFF DEMAND, AND (C) THE BORROWER HAS IN WRITING INSTRUCTED THE BENEFICIARY TO TERMINATE THE LINE OF CREDIT USING SUCH FORMS AND FOLLOWING SUCH PROCEDURES AS MAY BE REQUIRED BY THE BENEFICIARY.

10. RIGHTS AND CLAIMS OF PARTIES IN POSSESSION.
11. WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS ARE SHOWN BY THE PUBLIC RECORDS.

## NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

### NOTES:

- A. **ACCORDING TO THE PUBLIC RECORDS, THERE HAS BEEN NO CONVEYANCE OF THE LAND WITHIN A PERIOD OF TWENTY-FOUR MONTHS PRIOR TO THE DATE OF THIS REPORT, EXCEPT AS FOLLOWS:**

**NONE**

- B. **NONE OF THE ITEMS SHOWN IN THIS REPORT WILL CAUSE THE COMPANY TO DECLINE TO ATTACH CLTA ENDORSEMENT FORM 100 TO AN ALTA POLICY, WHEN ISSUED.**

- C. **THERE IS LOCATED ON SAID LAND A SINGLE FAMILY RESIDENCE KNOWN AS 7120 COUNTY ROAD 9, IN THE CITY OF ORLAND, COUNTY OF GLENN, STATE OF CALIFORNIA.**

- D. **THE POLICY TO BE ISSUED MAY CONTAIN AN ARBITRATION CLAUSE. WHEN THE AMOUNT OF INSURANCE IS LESS THAN THE CERTAIN DOLLAR AMOUNT SET FORTH IN ANY APPLICABLE ARBITRATION CLAUSE, ALL ARBITRABLE MATTERS SHALL BE ARBITRATED AT THE OPTION OF EITHER THE COMPANY OR THE INSURED AS THE EXCLUSIVE REMEDY OF THE PARTIES. IF YOU DESIRE TO REVIEW THE TERMS OF THE POLICY, INCLUDING ANY ARBITRATION CLAUSE THAT MAY BE INCLUDED, CONTACT THE OFFICE THAT ISSUED THIS COMMITMENT OR REPORT TO OBTAIN A SAMPLE OF THE POLICY JACKET FOR THE POLICY THAT IS TO BE ISSUED IN CONNECTION WITH YOUR TRANSACTION.**

- E. **CANCELLATION FEES**

**NOTE: PURSUANT TO RULE NO. 2 OF BULLETIN NO. NS-35 OF CALIFORNIA STATE INSURANCE COMMISSIONER THIS REPORT IS ISSUED SUBJECT TO A MINIMUM FEE OF \$400.00**

- F. **NOTE TAXES FOR PRORATION PURPOSES ONLY FOR THE FISCAL YEAR 2018-2019.**

<b>FIRST INSTALLMENT:</b>	<b>\$2707.16</b>	<b>MARKED PAID</b>
<b>SECOND INSTALLMENT:</b>	<b>\$2707.16</b>	<b>MARKED PAID</b>
<b>TAX RATE AREA:</b>	<b>076001</b>	
<b>ASSESSMENT NO.:</b>	<b>044-200-007-000</b>	

### LEGAL DESCRIPTION

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE UNINCORPORATED AREA, COUNTY OF GLENN, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE WEST ONE-HALF OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 22 NORTH, RANGE 2 WEST, M.D.B.&M., ACCORDING TO THE OFFICIAL MAP THEREOF.

EXCEPTING THEREFROM THE UNDIVIDED ONE-HALF INTEREST IN ALL OIL, GAS AND OTHER HYDROCARBONS AND MINERALS RESERVED BY ALVINA M. RHONE IN DEED RECORDED FEBRUARY 5, 1947 IN BOOK 204 OF OFFICIAL RECORDS AT PAGE 273.

APN: 044-200-007-000



**EXHIBIT A**  
**LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)**  
**CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10)**  
**EXCLUSIONS**

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
  - (a) building;
  - (b) zoning;
  - (c) land use;
  - (d) improvements on the Land;
  - (e) land division; and
  - (f) environmental protection.
 This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
  - (a) that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
  - (b) that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
  - (c) that result in no loss to You; or
  - (d) that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
  - (a) to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - (b) in streets, alleys, or waterways that touch the Land.
 This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.

**LIMITATIONS ON COVERED RISKS**

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows: For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16: 1% of Policy Amount or \$2,500.00 (whichever is less)	\$10,000.00
Covered Risk 18: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 19: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 21: 1% of Policy Amount or \$2,500.00 (whichever is less)	\$5,000.00

**ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)**  
**EXCLUSIONS**

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
  - (a) and use
  - (b) improvements on the land
  - (c) and division
  - (d) environmental protection
 This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date. This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
  - (a) a notice of exercising the right appears in the public records on the Policy Date
  - (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
  - (a) that are created, allowed, or agreed to by you
  - (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
  - (c) that result in no loss to you
  - (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
  - (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
  - (b) in streets, alleys, or waterways that touch your land
 This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

**2006 ALTA LOAN POLICY (06-17-06)**  
**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

**2006 ALTA OWNER'S POLICY (06-17-06)**  
**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters

- (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
  - (e) in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
    - (a) a fraudulent conveyance or fraudulent transfer, or
    - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
  5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

#### ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10) EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;
 or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
  - (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.

**CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY – 1990  
SCHEDULE B**

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interest, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) whether or not recorded in public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state of insolvency or similar creditors' rights laws.

## PRIVACY INFORMATION

### **We Are Committed to Safeguarding Customer Information**

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information. We agree that you have right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

### **Applicability**

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other sources, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

### **Types of Information**

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

### **Use of Information**

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

### **Former Customers**

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

### **Confidentiality and Security**

We will use our best efforts to ensure that no unauthorized parties have access to any of our information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

### **Information Obtained Through Our Web Site**

### **Business Relationships**

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

### **Cookies**

Some of First American's Web site may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

### **Fair Information Values**

**Fairness** We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

**Public Record** We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

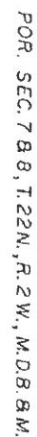
**Use** We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

**Accuracy** We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

**Education** We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

**Security** We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

## MAP



44-20

NOTE - Assessor's Block Numbers Shown in Ellipses  
Assessor's Parcel Numbers Shown in Circles

Assessor's Map Bk. 44 - Pg. 20  
County of Glenn, Calif.



Address 7120 Co Road 9, Orland, CA, 95963

APN#004-200-007



Property Line: Approximate acre's 20

Ag Well

Shop

Home Dwelling

Current Pad of Cement

Land Use  
North: Not Applicable  
East: Not Applicable  
West: Almond Orchard.

Wyo Ave

Google

May 4, 2020

Mr. George Low  
CA Regional Water Quality Control Board  
364 Knollcrest Drive, Suite 205  
Redding, CA 96002

**RE: Response and update to letter dated 12 December 23019 - MTM Trailer Wash, Orland, CA**

Dear Mr. Low:

MTM Trailer Wash (MTM) submitted a Report of Waste Discharge (RWD) on November 22, 2019. The Board requested additional information in a Review of the RWD in a letter dated December 12, 2019. This response addresses the following additional information requested in this review.

1. *Initial filing/application fee of \$2,286 paid to the State Water Resources Control Board*

The filing fee has been paid by MTM.

2. *Documentation of CEQA compliance. The lead agency for the Facility is the Glenn County Planning and Community Services Department which has required a Conditional Use Permit for MTM Trailer Wash Facility to operate. To date documentation required by Glenn County to deem the Conditional Use Permit Application complete has not been submitted. As such the Facility does not have an approved Conditional Use Permit to operate. Please provide documentation that the Facility has an approved Conditional Use Permit to operate the Facility.*

The facility has contacted the Glenn County Planning Department regarding the Conditional Use Permit and has made progress toward getting final approval. However, the shutdown due to COVID has slowed the progress on getting the Conditional Use Permit in place.

3. *Please provide a detailed Facility Map that identifies locations of onsite pond, trailer washing area, solids processing area and land application area.*

See Attachment A.

4. *Provide characterization of pond water effluent or effluent being applied to your land application area (LAA). As part of this characterization, you can use water quality data collected from your pond during our 8 January 2019 inspection in your water quality*



*evaluation if you believe that data is still representative of current wastewater discharges.*

An additional effluent sample was taken on January 30, 2020. The results from this sample are provided in Attachment B. A summary of water quality results is provided below:

Effluent Water Quality

BOD (mg/L)	1410
Specific Conductance (µmhos/cm)	4070
Total Nitrogen (mg/L)	320
Nitrate+Nitrite as N (mg/L)	0.2
TKN (mg/L)	320
pH	8
TDS (mg/L)	2570

5. *Provide additional information regarding irrigation practices on your land application areas including, the total acreage of land that is being irrigated, how often the land is irrigated, volume of irrigation water required, source of irrigation water (i.e. wastewater from pond(s) or agricultural supply well).*

Wastewater is stored in the designated pond and applied via a portable pump to the adjacent 15.7 acre land application area during scheduled irrigation events. This has historically been done sparingly and only done during the crop growing season in conjunction with fresh water. Freshwater is sourced from an agricultural well located at the northern end of the property.

Nutrient and hydraulic loading rates from the operation are small. Fresh water applications are currently not measured but is applied as needed to meet crop requirements. Wastewater is applied as needed to ensure adequate pond capacity and supplement crop water needs.

6. *Additional details pertaining to storm water management at the site. Is stormwater and irrigation runoff contained onsite? If so, please describe any tailwater return structures or any storm water management infrastructure that are in place at the Facility.*

In 2018 an earthen berm was constructed along the western side of the pond to prevent run-on from the adjacent property into the pond. Substantial freeboard mitigates the potential for an inadvertent discharge. The facility wash station is concrete with an engineered drainage into the sump collection basin located to the west of the wash area.

Storm water from the truck wash area is contained in the pond. Irrigations are timed to prevent runoff from the land application area.

7. *Information pertaining to soils underlying the Facility. Information shall include, but not be limited to information such as soil types, soil thicknesses, percolation rates, infiltration rates and depth to groundwater.*

To effectively manage the LAA, properties of the LAA soils must be evaluated, understood, and considered in day-to-day management. Custom soil resource reports including a soils map were developed for the LAA (Appendix C) through the United States Department of Food and Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (<https://websoilsurvey.sc.egov.usda.gov>).

Descriptions for the two soil series found in the LAA are provided in Appendix C. These appendices provide detailed soil profile descriptions of the representative soil series and are useful in understanding the vertical variability in soil properties. This information should be used as a management tool. Adequate percolation through the rootzone is provided by the soils with no evidence of perched or shallow groundwater. The soils found at the site location are conducive for growing crops and do not restrict the growing of crops.

The saturated hydraulic conductivity (ksat) rates for each soil can be used to guide irrigation application rates to prevent prolonged periods of standing water and to minimize runoff. The ksat of the soils in the LAA is characterized as moderately high and is appropriate for flood irrigation.

Another critical soil physical property for irrigation management is Available Water Holding Capacity (AWHC) of the root zone. The AWHC is used in irrigation scheduling and soil-water balance calculations to determine soil moisture status and the maximum allowable depletion (MAD) which guides irrigation run times. The “representative” AWHCs for the LAA is generally 0.14 in/in or 8.4 inches for an approximately 60-inch root zone. The goal of irrigation for fields is to maintain the AWHC at a minimum of 50% of the total AWHC, or 4.2 inches in this case.

8. *Information pertaining to local and regional groundwater should be provided. Information should include evaluation of available data to determine hydrogeological properties which included but are not limited to water quality, depth to groundwater and groundwater flow direction.*

Groundwater elevation and depth to groundwater information was obtained from the Department of Water Resources (DWR). Two groundwater level monitoring wells were found in the general area of the Facility. One is a multicompletion monitoring well located Groundwater in the area is approximately 50 to 80 ft deep and generally flows towards the north/northwest. A seasonal trend in groundwater levels is evident with groundwater levels in the spring being higher than groundwater levels in the fall. Hydrographs from two wells, one located west of the Facility and one located north of the Facility have been included. Additionally, the DWR Spring 2018 groundwater contours are provided in Appendix D.

Groundwater quality information from a cluster of wells located west of the facility is available from CASGEM. Groundwater quality in the area is generally good and is suitable for growing crops, industrial and municipal use. Groundwater quality results from CASGEM are provided in Appendix D.

9. *Provide information related to the design specifics of the onsite storage pond(s). This information should include design drawings depicting dimensions of the pond(s), such as height, depth and length, as well as the overall design capacity.*

The pond width and the depth were increased by the facility. No design drawings are available from this modification. The depth of the pond and dimensions were measured in multiple points during a site visit to develop an estimate of the pond dimensions and volume. The pond is wider towards the north end and slightly narrower in the southern portion. Drawings of the approximate pond dimensions are provided in Appendix E.

10. *A water balance for the pond(s) should be conducted to demonstrate adequate containment capacity for the receipt of the process wastewater from trailer washing operations, average and 100-year return period total annual precipitation while maintaining a minimum of two feet of freeboard in each pond(s) at all times.*

A normal year and 100 year water balance for the facility is included as Appendix F. Maximum annual rainfall of 44 inches from the CSU Chico University Farm weather station was used for the 100 year water balance. Information from University of California, Cal Poly's Irrigation Training and Research Center evapotranspiration (ET) data for zone 12 was used for the normal year rainfall and the crop ET data. To be conservative, a pond percolation rate of 0 inches/day was assumed for both water balances.

The water balances show that during a normal year, the facility has the capacity to contain rainfall. During a 100 year scenario, the pond capacity is about equal to the amount of storage required (Calculated required pond capacity was approximately 6,500 gallons more than what is estimated to be available). To minimize the likelihood of encroaching on the 2 ft freeboard, the facility should empty the pond prior to the rainy season.

11. *In the event the Facility's pond(s) do not have the capacity to either contain annual wastewater flows and average or 100-year return annual precipitation please indicate what the contingency plan would be to mitigate overtopping of the pond(s) berms and discharges to surface water drainages.*

The facility monitors the level of the wastewater and land applies wastewater in the fall prior to the wet (winter) rain season to ensure maximum storage capacity. Applying the wastewater to the land application area when the weather and crop demand allow irrigations will help prevent the ponds from overtopping.

In the event of an unanticipated precipitation event, the pond would be pumped out as necessary onto the land application area to prevent over topping of the pond berms. An irrigation run of over 1,250 feet would function as a vegetative buffer for wastewater nutrients.

12. *Provide additional details pertaining to the Facility's solids management. Information provided states that most of the solids generated were saw dust chips, however processing includes the use of a manure separator. Please clarify the volume of solids generated at the Facility by type (i.e. saw dust or manure).*

Manure and bedding solids are produced by the washing and sanitizing of trucks. Wastewater is collected in a centralized sump containment facility and pumped through a mechanical solids separator. Separated solids are typically transported offsite to farming operations, however, they may be land applied to the fields onsite. Solids collected are primarily saw dust chips with minimal amounts of manure incorporated. The facility uses a manure separator as a mechanical separator because it was available and works well for removing the saw dust chips from the wastewater.

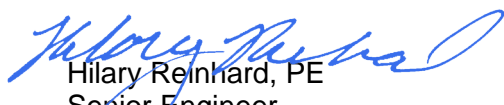
Pond solids are to be removed as necessary via contracted excavation. The solids may be applied to the land application area or exported off-site. Due to the efficiency of the solids separation equipment the manual excavation of the pond is infrequent.

13. *Provide additional details regarding the application of saw dust or manure to your irrigated fields. This information should include the annual volume of solids by type of applied to your fields. What time of year this material is applied and how the material is incorporated into your soils. You should also specify the application rate of material applied to your fields (i.e. pounds per acre).*

Solids are generally exported for use as a soil amendment. Solids are kept in a concrete bunker and are hauled offsite when necessary to maintain adequate storage. If the solids are applied to the land application area in the future, the solids will be spread evenly using a mechanical spreader. The solids will be applied to dry soils and the amount applied will be estimated based on the volume distributed.

Please contact us for additional information regarding the facility.

Respectfully,

  
Hilary Reinhard, PE  
Senior Engineer  
Provost & Pritchard Consulting Group

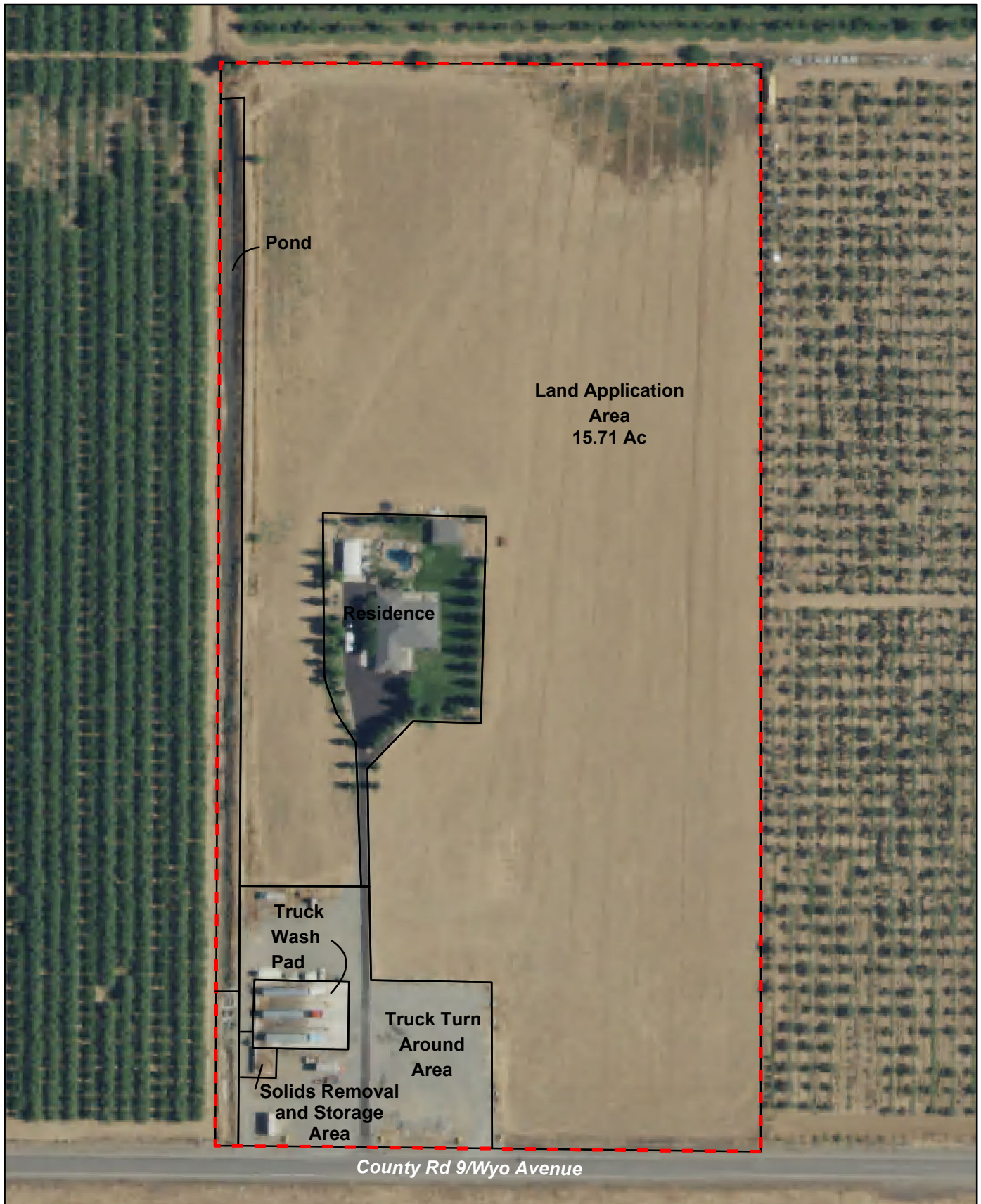
  
Joe Corp  
Environmental Specialist  
Provost & Pritchard Consulting Group

Cell: (530) 520-6232



c: Mark Olson – Facility Owner/Operator

## **Appendix A**



## **Appendix B**

February 5, 2020

**Mark Olson**

7120 County Road 9

Orland, CA 95963

**CH 2070840:1 COLIFORM BACTERIA ANALYSIS**

Customer ID : 7-5112

System Number :

Project Name : Olson Truck Wash

### Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	CH 2070840-001	Waste Water	Waste-Other	Joe Corp	Mark Olson	01/30/2020 13:00	01/30/2020 16:45 BTZ	02/01/2020 BTZ

### Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	Waste Water	---	---	SM 9221B	MPN/100ml	> 1600	> 1600	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

‡ Client Notification details.

Analyses were performed using Standard Methods 22nd edition. If you have any questions regarding your results, please call.

RRH:RRH

Reviewed and  
Approved By

**Raquel R. Harvey**



Digitally signed by Raquel R. Harvey  
Title: Tech Director Microbiology  
Date: 2020-02-05

**Corporate Offices & Laboratory**

853 Corporation Street  
Santa Paula, CA 93060  
TEL: (805)392-2000  
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063  
CA ELAP Certification No. 1573

**Office & Laboratory**

2500 Stagecoach Road  
Stockton, CA 95215  
TEL: (209)942-0182  
FAX: (209)942-0423  
CA ELAP Certification No. 1563

**Office & Laboratory**

563 E. Lindo Avenue  
Chico, CA 95926  
TEL: (530)343-5818  
FAX: (530)343-3807  
CA ELAP Certification No. 2670

**Office & Laboratory**

3442 Empresa Drive, Suite D  
San Luis Obispo, CA 93401  
TEL: (805)783-2940  
FAX: (805)783-2912  
CA ELAP Certification No. 2775

**Office & Laboratory**

9415 W. Goshen Avenue  
Visalia, CA 93291  
TEL: (559)734-9473  
FAX: (559)734-8435  
CA ELAP Certification No. 2810



February 19, 2020

**Mark Olson**  
 7120 County Road 9  
 Orland, CA 95963

Lab ID : CH 2070840  
 Customer : 7-5112

### Laboratory Report

**Introduction:** This report package contains total of 5 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(1 page) : Results for each sample submitted.
Quality Control	(2 pages) : Supporting Quality Control (QC) results.

### Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Waste Water	01/30/2020	01/30/2020	CH 2070840-001	WW

**Sampling and Receipt Information:** The sample was received, prepared and analyzed within the method specified holding except those as listed in the table below.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
CH 2070840-001	pH	15	226.8 Minutes

All samples arrived at room temperature. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

**Quality Control:** All samples were prepared and analyzed according to the following tables:

### Inorganic - Wet Chemistry QC

2510B	02/05/2020:201866 All analysis quality controls are within established criteria.
	02/05/2020:201326 All preparation quality controls are within established criteria.
2540CE	02/04/2020:201286 All preparation quality controls are within established criteria.
351.2	02/11/2020:201562 All preparation quality controls are within established criteria.
4500-H B	01/30/2020:710147 All preparation quality controls are within established criteria.

February 19, 2020  
Mark Olson

Lab ID : CH 2070840  
Customer : 7-5112

**Inorganic - Wet Chemistry QC**

4500HB	01/30/2020:710192 All analysis quality controls are within established criteria.
4500NO3F	01/31/2020:201627 All analysis quality controls are within established criteria.
	01/31/2020:201159 All preparation quality controls are within established criteria.
5210B	02/05/2020:202130 All analysis quality controls are within established criteria.
	01/31/2020:201135 All preparation quality controls are within established criteria, except: The following note applies to BOD: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
EPA351.2	02/14/2020:202447 All analysis quality controls are within established criteria.

**Certification::** I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2020-02-19

February 19, 2020

Lab ID : CH 2070840-001

Customer ID : 7-5112

**Mark Olson**

7120 County Road 9

Orland, CA 95963

Sampled On : January 30, 2020-13:00

Sampled By : Joe Corp

Received On : January 30, 2020-16:45

Matrix : Waste Water

Description : Waste Water

Project : Olson Truck Wash

### Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry								
BOD	1410	520*	mg/L		5210B	01/31/20:201135	5210B	02/05/20:202130
Specific Conductance	4070	1	umhos/cm		2510B	02/05/20:201326	2510B	02/05/20:201866
Nitrogen, Total as Nitrogen	320	--	mg/L		351.2	02/11/20:201562	EPA351.2	02/14/20:202447
Nitrate + Nitrite as N	0.2	0.2	mg/L		4500NO3F	01/31/20:201159	4500NO3F	01/31/20:201627
Kjeldahl Nitrogen	320	10*	mg/L		351.2	02/11/20:201562	EPA351.2	02/14/20:202447
pH	8.0	--	units		4500-H B	01/30/20:710147	4500HB	01/30/20:710192
Total Dissolved Solids (TFR)	2570	20*	mg/L		2540CE	02/04/20:201286	2540C	02/05/20:201872

ND=Non-Detected. PQL=Practical Quantitation Limit. \* PQL adjusted for dilution.

February 19, 2020  
Mark Olson

Lab ID : CH 2070840  
Customer : 7-5112

### Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Conductivity	2510B	02/05/20:201866sta	ICB CCV CCV	umhos/cm umhos/cm umhos/cm	999.0 999.0 999.0	0.11 99.1 % 98.2 %	1 95-105 95-105	
E. C.	2510B	02/05/20:201326sta (SP 2001371-001)	Blank Dup	umhos/cm umhos/cm		ND 0.2%	<1 5	
Total Dissolved Solids (TFR)	2540CE	02/04/20:201286CTL (SP 2001413-001) (VI 2040781-010)	Blank LCS Dup Dup	mg/L mg/L mg/L mg/L	993.0	ND 95.1 % 2.1% 2.4%	<20 90-110 5 5	
Nitrogen, Total Kjeldahl	351.2	02/11/20:201562jba (SP 2001413-001) (STK2031482-001)	Blank LCS MS MSD MSRPD MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	ND 97.5 % 68.7 % 74.0 % 6.8% 82.3 % 82.3 % 0.0%	<0.5 73-124 54-136 54-136 ≤27 54-136 54-136 ≤27	
pH	4500-H B	(CH 2070822-001) (CH 2070840-001)	Dup Dup	units units		0.1% 0.0%	4.80 4.80	
	4500HB	01/30/20:710192BTZ	CCV CCV	units units		0% 0%	95-105 95-105	
	4500NO3F	(SP 2001362-014)	MS MSD MSRPD	mg/L mg/L mg/L	28.04 28.04 28.04	36.6 % 36.9 % 1.0%	5-285 5-285 ≤30.4	
Nitrate + Nitrite as N	4500NO3F	01/31/20:201627JDD	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	11.22 11.22 11.22 11.22	0.093 94.5 % 0.065 93.9 %	0.2 90-110 0.2 90-110	
	5210B	01/31/20:201135VVH (CH 2070708-001) (CH 2070708-001) (CH 2070708-001)	RgBlk LCS Dup Dup	mg/L mg/L mg/L mg/L	198.0	0.31 92.9 % 11.6% 21.3% 49.2%	2 84.6-115 15.9 15.9 15.9	440 440
	5210B	02/05/20:202130VVH	CCV CCV	mg/L mg/L	1.000 1.000	102 % 102 %	80-120 80-120	
Nitrogen, Total Kjeldahl	EPA351.2	02/14/20:202447JDD	CCB CCV CCB CCV	mg/L mg/L mg/L mg/L	5.000 5.000 5.000 5.000	0.059 107 % 0.102 105 %	0.5 90-110 0.5 90-110	
<b>Definition</b> ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria. CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria. CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria. Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result. LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery. MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery. Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis. MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis. ND : Non-detect - Result was below the DQO listed for the analyte.								

February 19, 2020  
**Mark Olson**

Lab ID : CH 2070840  
Customer : 7-5112

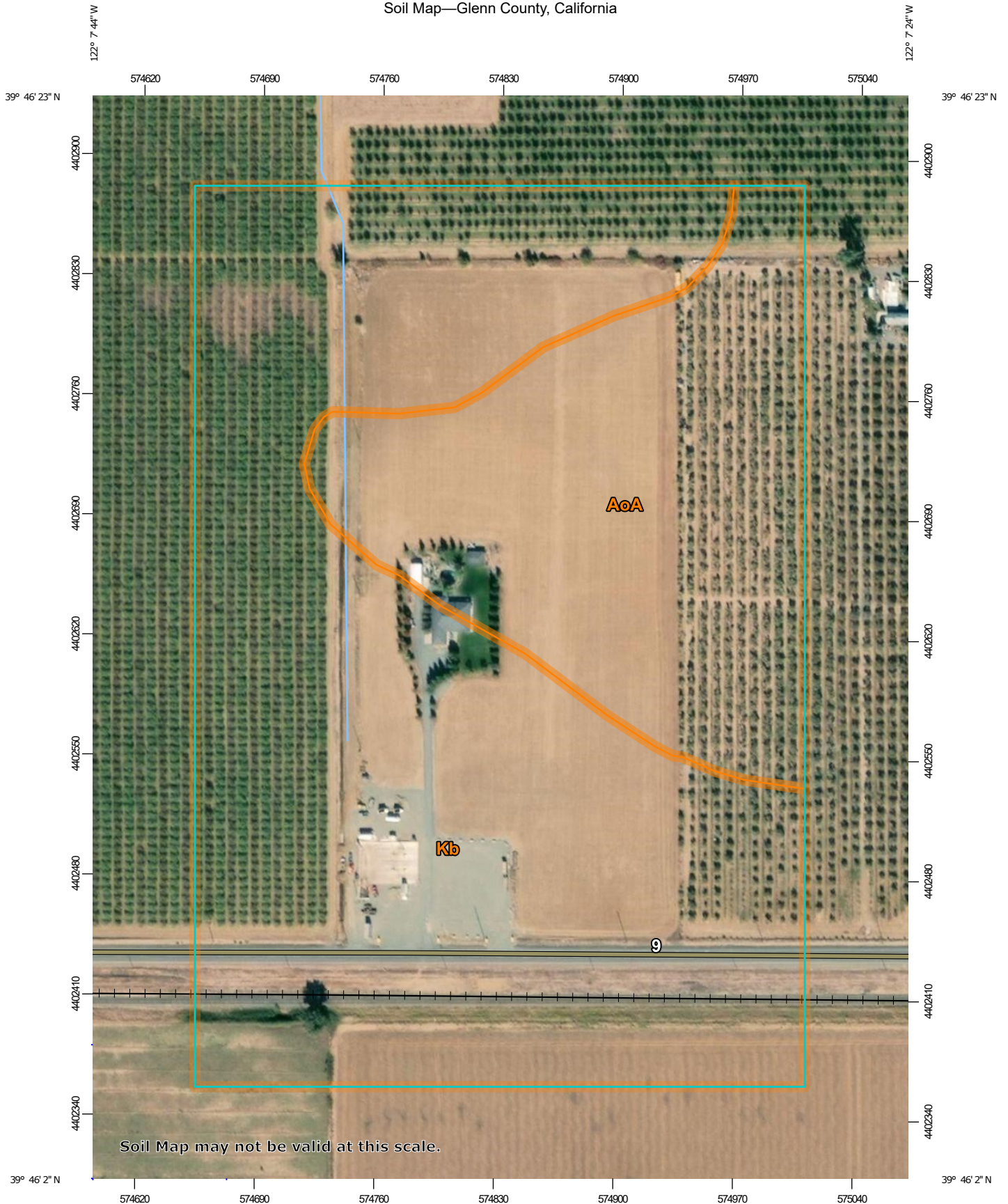
### Quality Control - Inorganic

<b>Definition</b>	
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
<b>Explanation</b>	
440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

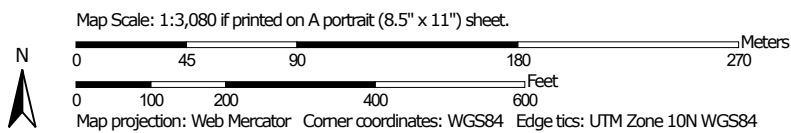
## **Appendix C**



# Soil Map—Glenn County, California



Soil Map may not be valid at this scale.



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

3/2/2020  
Page 1 of 3

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Glenn County, California

Survey Area Data: Version 15, Sep 16, 2019

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

Date(s) aerial images were photographed: Mar 30, 2017—Nov 4, 2017

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.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AoA	Arbuckle gravelly loam, 0 to 2 percent slopes, MLRA 17	14.3	30.7%
Kb	Kimball loam, 0 to 2 percent slopes	32.2	69.3%
<b>Totals for Area of Interest</b>		<b>46.5</b>	<b>100.0%</b>

## Glenn County, California

### AoA—Arbuckle gravelly loam, 0 to 2 percent slopes, MLRA 17

#### Map Unit Setting

*National map unit symbol:* 2t7r8

*Elevation:* 30 to 1,420 feet

*Mean annual precipitation:* 20 to 32 inches

*Mean annual air temperature:* 61 to 63 degrees F

*Frost-free period:* 200 to 280 days

*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Arbuckle and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Arbuckle

##### Setting

*Landform:* Stream terraces

*Landform position (two-dimensional):* Toeslope

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium derived from metamorphic and sedimentary rock

##### Typical profile

*A1 - 0 to 2 inches:* gravelly loam

*A2 - 2 to 14 inches:* gravelly loam

*Bt1 - 14 to 25 inches:* gravelly loam

*Bt2 - 25 to 59 inches:* gravelly sandy clay loam

*Bt3 - 59 to 72 inches:* very gravelly loam

##### Properties and qualities

*Slope:* 0 to 2 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high (0.28 to 1.28 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Salinity, maximum in profile:* Nonsaline (0.3 to 0.5 mmhos/cm)

*Available water storage in profile:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2s

*Land capability classification (nonirrigated): 3s*

*Hydrologic Soil Group: B*

*Hydric soil rating: No*

#### **Minor Components**

##### **Maywood**

*Percent of map unit: 5 percent*

*Hydric soil rating: No*

##### **Hillgate**

*Percent of map unit: 5 percent*

*Hydric soil rating: No*

##### **Cortina**

*Percent of map unit: 5 percent*

*Hydric soil rating: No*

## **Data Source Information**

Soil Survey Area: Glenn County, California

Survey Area Data: Version 15, Sep 16, 2019

## Glenn County, California

### Kb—Kimball loam, 0 to 2 percent slopes

#### Map Unit Setting

*National map unit symbol:* hd8t

*Elevation:* 30 to 1,000 feet

*Mean annual precipitation:* 12 to 25 inches

*Mean annual air temperature:* 59 to 64 degrees F

*Frost-free period:* 250 to 300 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Kimball and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Kimball

##### Setting

*Landform:* Terraces

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium

##### Typical profile

*H1 - 0 to 16 inches:* loam

*H2 - 16 to 27 inches:* clay

*H3 - 27 to 60 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 0 to 2 percent

*Depth to restrictive feature:* About 16 inches to abrupt textural change

*Natural drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Very low (about 2.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3s

*Land capability classification (nonirrigated):* 3s

*Hydrologic Soil Group:* D

*Hydric soil rating:* No

### **Minor Components**

#### **Unnamed**

*Percent of map unit:* 5 percent

*Landform:* Depressions

*Hydric soil rating:* Yes

#### **Unnamed**

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

#### **Moda**

*Percent of map unit:* 5 percent

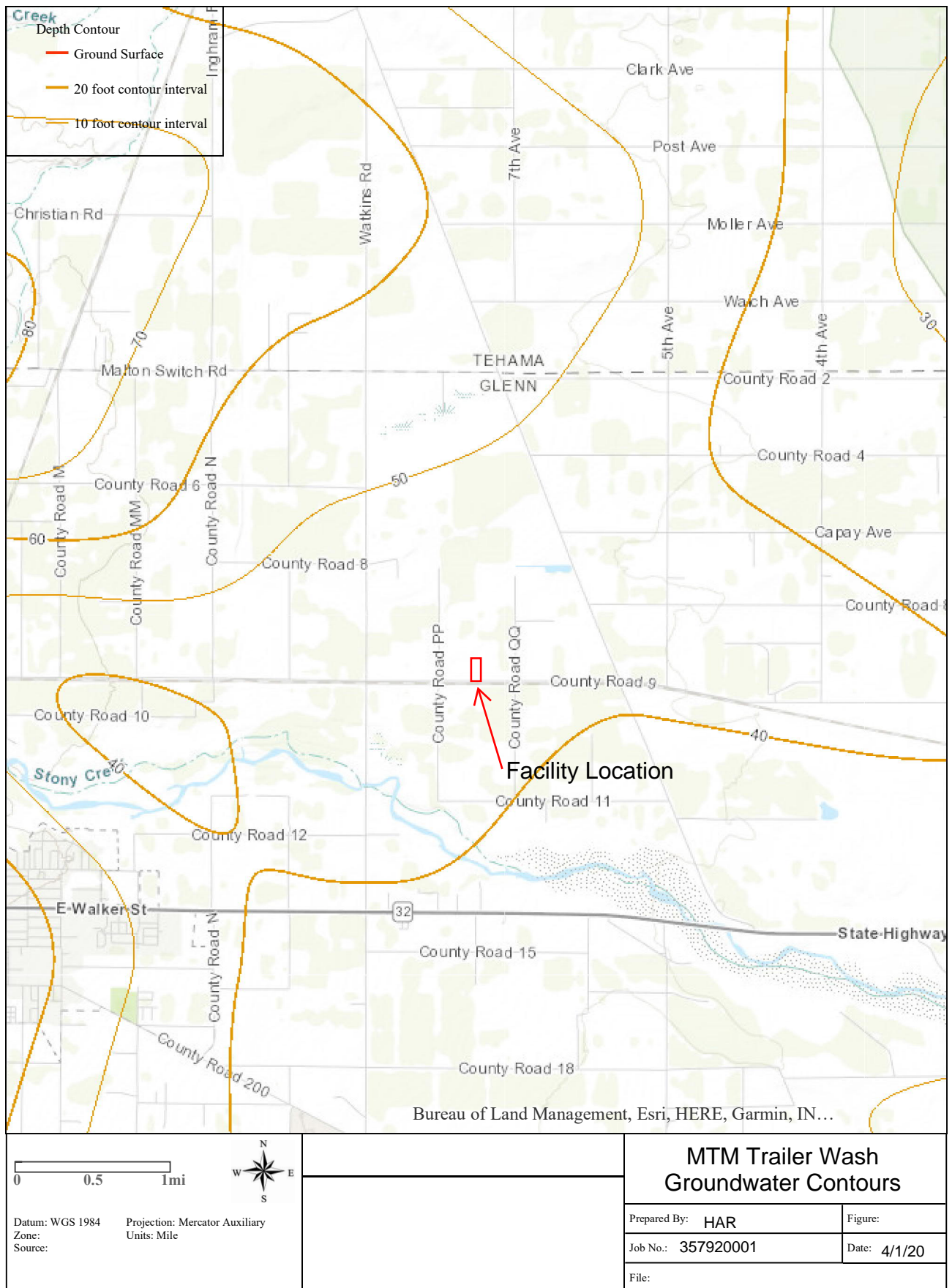
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Glenn County, California

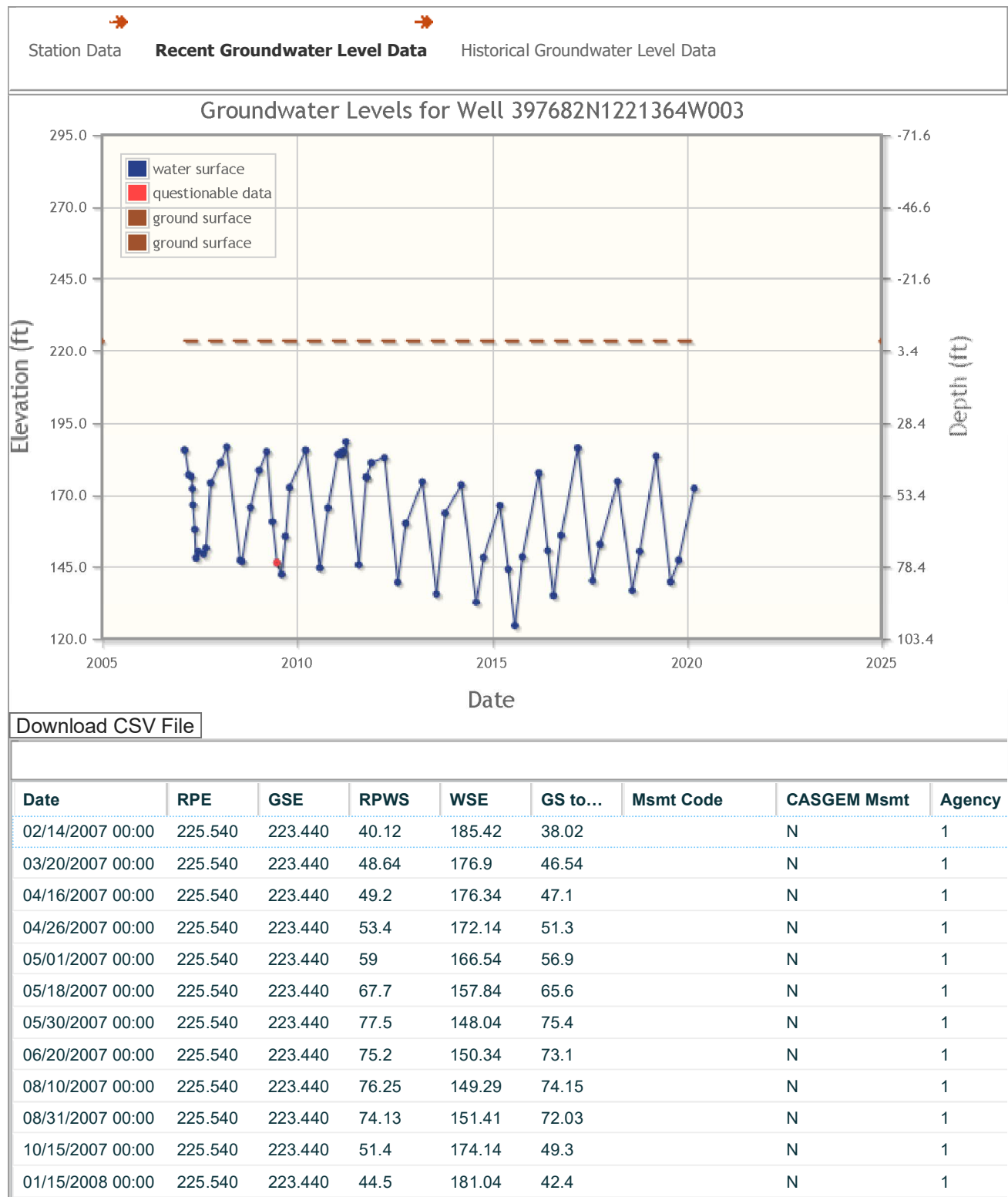
Survey Area Data: Version 15, Sep 16, 2019

## **Appendix D**



## Groundwater Levels for Station 397682N1221364W003

Data for your selected well is shown in the tabbed interface below. To view data managed in the updated WDL tables, including data collected under the CASGEM program, click the "Recent Groundwater Level Data" tab. To view data stored in the former WDL tables, click the "Historical Groundwater Level Data" tab. To download the data in CSV format, click the "Download CSV File" button on the respective tab. Please note that the vertical datum for "recent" measurements is NAVD88, while the vertical datum for "historical" measurements is NGVD29. To change your well selection criteria, click the "Perform a New Well Search" button.





03/13/2008 00:00	225.540	223.440	39.06	186.48	36.96		N	1
07/16/2008 00:00	225.540	223.440	78.32	147.22	76.22		N	1
08/05/2008 00:00	225.540	223.440	78.69	146.85	76.59		N	1
10/22/2008 00:00	225.540	223.440	59.86	165.68	57.76		N	1
01/12/2009 00:00	225.540	223.440	47.11	178.43	45.01		N	1
03/23/2009 00:00	225.540	223.440	40.68	184.86	38.58		N	1
05/15/2009 00:00	225.540	223.440	64.93	160.61	62.83		N	1
06/26/2009 00:00	225.540	223.440	79.1	146.44	77	Q-2	N	1
08/10/2009 00:00	225.540	223.440	83.15	142.39	81.05		N	1
09/16/2009 00:00	225.540	223.440	70.06	155.48	67.96		N	1
10/23/2009 00:00	225.540	223.440	52.99	172.55	50.89		N	1
03/22/2010 00:00	225.540	223.440	40.16	185.38	38.06		N	1
08/02/2010 00:00	225.540	223.440	80.95	144.59	78.85		N	1
10/18/2010 00:00	225.540	223.440	59.98	165.56	57.88		N	1
01/18/2011 00:00	225.540	223.440	41.59	183.95	39.49		N	1
02/14/2011 00:00	225.540	223.440	40.97	184.57	38.87		N	1
02/23/2011 00:00	225.540	223.440	41.68	183.86	39.58		N	1
03/10/2011 00:00	225.540	223.440	40.55	184.99	38.45		N	1
04/05/2011 00:00	225.540	223.440	37.25	188.29	35.15		N	1
08/01/2011 00:00	225.540	223.440	79.83	145.71	77.73		N	1
10/12/2011 00:00	225.540	223.440	49.47	176.07	47.37		Y	1
10/12/2011 00:00	225.540	223.440	49.47	176.07	47.37		N	1
11/28/2011 00:00	225.540	223.440	44.52	181.02	42.42		N	1
03/30/2012 00:00	225.540	223.440	42.76	182.78	40.66		Y	1
08/01/2012 00:00	225.540	223.440	85.89	139.65	83.79		Y	1
10/17/2012 00:00	225.540	223.440	65.59	159.95	63.49		Y	1
03/19/2013 00:00	225.540	223.440	51.04	174.5	48.94		Y	1
07/30/2013 00:00	225.540	223.440	89.94	135.6	87.84		Y	1
10/20/2013 00:00	225.540	223.440	61.81	163.73	59.71		Y	1
03/19/2014 00:00	225.540	223.440	52.08	173.46	49.98		Y	1
08/06/2014 00:00	225.540	223.440	92.88	132.66	90.78		Y	1
10/14/2014 23:00	225.540	223.440	77.35	148.19	75.25		Y	1
03/17/2015 00:00	225.540	223.440	59.2	166.34	57.1		Y	1
06/02/2015 00:00	225.540	223.440	81.38	144.16	79.28		Y	1
08/04/2015 00:00	225.540	223.440	101.02	124.52	98.92		Y	1
10/14/2015 23:00	225.540	223.440	77.13	148.41	75.03		Y	1
03/16/2016 00:00	225.540	223.440	48.02	177.52	45.92		Y	1
06/08/2016 00:00	225.540	223.440	74.96	150.58	72.86		Y	1
08/01/2016 00:00	225.540	223.440	90.45	135.09	88.35		Y	1
10/11/2016 00:00	225.540	223.440	69.74	155.8	67.64		Y	1
03/16/2017 00:00	225.540	223.440	39.4	186.14	37.3		Y	1
08/02/2017 00:00	225.540	223.440	85.35	140.19	83.25		Y	1
10/11/2017 00:00	225.540	223.440	72.79	152.75	70.69		Y	1
03/22/2018 00:00	225.540	223.440	50.91	174.63	48.81		Y	1
08/08/2018 12:00	225.540	223.440	88.75	136.79	86.65		Y	1
10/17/2018 12:00	225.540	223.440	75.21	150.33	73.11		Y	1
03/19/2019 00:00	225.540	223.440	42.18	183.36	40.08		Y	1

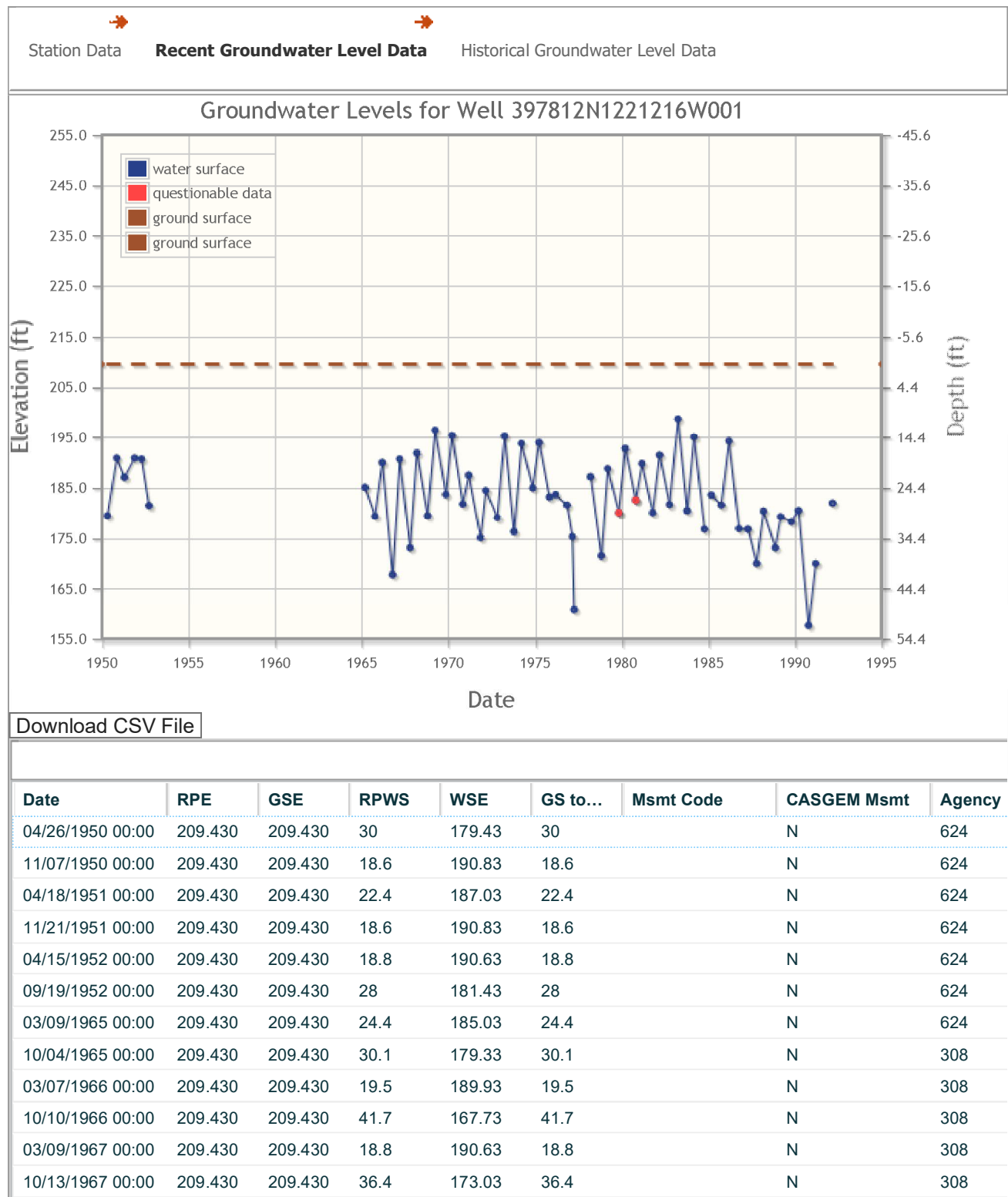
08/02/2019 12:00	225.540	223.440	85.75	139.79	83.65	Y	1
10/17/2019 15:22	225.540	223.440	78.26	147.28	76.16	Y	1
03/12/2020 15:52	225.540	223.440	53.26	172.28	51.16	Y	1

All elevation and depth measurements are in feet. The vertical datum for recent measurements is NAVD88.

[Perform a New Well Search](#)

## Groundwater Levels for Station 397812N1221216W001

Data for your selected well is shown in the tabbed interface below. To view data managed in the updated WDL tables, including data collected under the CASGEM program, click the "Recent Groundwater Level Data" tab. To view data stored in the former WDL tables, click the "Historical Groundwater Level Data" tab. To download the data in CSV format, click the "Download CSV File" button on the respective tab. Please note that the vertical datum for "recent" measurements is NAVD88, while the vertical datum for "historical" measurements is NGVD29. To change your well selection criteria, click the "Perform a New Well Search" button.



03/07/1968 00:00	209.430	209.430	17.6	191.83	17.6		N	308
10/17/1968 00:00	209.430	209.430	30	179.43	30		N	308
03/24/1969 00:00	209.430	209.430	13	196.43	13		N	308
11/06/1969 00:00	209.430	209.430	25.8	183.63	25.8		N	308
03/17/1970 00:00	209.430	209.430	14.1	195.33	14.1		N	308
10/29/1970 00:00	209.430	209.430	27.7	181.73	27.7		N	308
03/01/1971 00:00	209.430	209.430	22	187.43	22		N	308
11/09/1971 00:00	209.430	209.430	34.4	175.03	34.4		N	308
02/28/1972 00:00	209.430	209.430	25	184.43	25		N	308
10/27/1972 00:00	209.430	209.430	30.4	179.03	30.4		N	308
03/28/1973 00:00	209.430	209.430	14.2	195.23	14.2		N	308
10/12/1973 00:00	209.430	209.430	33.2	176.23	33.2		N	308
03/19/1974 00:00	209.430	209.430	15.7	193.73	15.7		N	308
11/12/1974 00:00	209.430	209.430	24.5	184.93	24.5		N	308
03/26/1975 00:00	209.430	209.430	15.5	193.93	15.5		N	308
10/30/1975 00:00	209.430	209.430	26.3	183.13	26.3		N	308
03/08/1976 00:00	209.430	209.430	25.8	183.63	25.8		N	308
11/05/1976 00:00	209.430	209.430	27.9	181.53	27.9		N	308
02/28/1977 00:00	209.430	209.430	34.2	175.23	34.2		N	308
04/04/1977 00:00	209.430	209.430	48.7	160.73	48.7		N	308
03/15/1978 00:00	209.430	209.430	22.3	187.13	22.3		N	308
10/30/1978 00:00	209.430	209.430	38	171.43	38		N	308
03/12/1979 00:00	209.430	209.430	20.7	188.73	20.7		N	308
10/31/1979 00:00	209.430	209.430	29.4	180.03	29.4	Q-3	N	308
03/17/1980 00:00	209.430	209.430	16.7	192.73	16.7		N	308
10/22/1980 00:00	209.430	209.430	26.9	182.53	26.9	Q-3	N	308
03/02/1981 00:00	209.430	209.430	19.7	189.73	19.7		N	308
10/15/1981 00:00	209.430	209.430	29.4	180.03	29.4		N	308
03/08/1982 00:00	209.430	209.430	18	191.43	18		N	308
10/07/1982 00:00	209.430	209.430	27.8	181.63	27.8		N	308
04/01/1983 00:00	209.430	209.430	10.8	198.63	10.8		N	308
10/12/1983 00:00	209.430	209.430	29	180.43	29		N	308
03/05/1984 00:00	209.430	209.430	14.4	195.03	14.4		N	308
10/11/1984 00:00	209.430	209.430	32.7	176.73	32.7		N	308
03/04/1985 00:00	209.430	209.430				N-1	N	308
03/07/1985 00:00	209.430	209.430	25.9	183.53	25.9		N	308
10/02/1985 00:00	209.430	209.430	27.9	181.53	27.9		N	308
03/12/1986 00:00	209.430	209.430	15.2	194.23	15.2		N	308
10/09/1986 00:00	209.430	209.430	32.6	176.83	32.6		N	308
04/16/1987 00:00	209.430	209.430	32.7	176.73	32.7		N	308
10/15/1987 00:00	209.430	209.430	39.5	169.93	39.5		N	308
03/07/1988 00:00	209.430	209.430	29.1	180.33	29.1		N	308
11/12/1988 00:00	209.430	209.430	36.4	173.03	36.4		N	308
03/06/1989 00:00	209.430	209.430	30.2	179.23	30.2		N	308
10/19/1989 00:00	209.430	209.430	31.2	178.23	31.2		N	1
03/16/1990 00:00	209.430	209.430	29	180.43	29		N	1
10/15/1990 00:00	209.430	209.430	51.8	157.63	51.8		N	1

03/14/1991 00:00	209.430	209.430	39.5	169.93	39.5		N	1
10/03/1991 00:00	209.430	209.430				N-1	N	1
03/03/1992 00:00	209.430	209.430	27.5	181.93	27.5		N	308
10/08/1992 00:00	209.430	209.430				N-0	N	1
03/13/1993 00:00	209.430	209.430				N-0	N	1
10/06/1993 00:00	209.430	209.430				N-0	N	1
All elevation and depth measurements are in feet. The vertical datum for recent measurements is NAVD88.								

[Perform a New Well Search](#)

## Water Quality Report

Station Name: <u>22N02W18C001M</u>			Station Number: 22N02W18C001M	
Collection Date: 02/15/2007 12:25			Sample Code: NB0207B0088	
Depth: 0 Meters Matrix: Water, Natural		Purpose: Normal Sample Sample Parent: 0		
Description:				
Analyte	Result	Rpt Limit	Units	Method [*]
Total Alkalinity	208	1	mg/L as CaCO3	Std Method 2320 B (Filtered) [1]
Dissolved Aluminum	10.2	0.1	µg/L	EPA 1638 (D) [1]
Total Aluminum	12.5	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Ammonia	< R.L.	0.01	mg/L as N	EPA 350.1 [1]
Dissolved Ammonia	< R.L.	0.1	mg/L as N	EPA 350.1 [1]
Total Arsenic	22.7	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Arsenic	21.7	0.1	µg/L	EPA 1638 (D) [1]
Dissolved Bicarbonate (HCO3-)	202	1	mg/L as CaCO3	Std Method 4500-CO2 D [1]
Dissolved Boron	< R.L.	0.1	mg/L	EPA 200.7 (D) [1]
Dissolved Cadmium	< R.L.	0.1	µg/L	EPA 1638 (D) [1]
Total Cadmium	< R.L.	0.1	µg/L	EPA 1638 (T) [1]
Total Calcium	9	1	mg/L	EPA 200.7 (T) [1]
Dissolved Calcium	9	1	mg/L	EPA 200.7 (D) [1]
Dissolved Carbonate (CO3--)	7	1	mg/L as CaCO3	Std Method 4500-CO2 D [1]
Dissolved Chloride	10	1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Chromium	1.54	0.05	µg/L	EPA 1638 (D) [1]
Total Chromium	2.57	0.05	µg/L	EPA 1638 (T) [1]
Specific Conductance	426	1	uS/cm@25degC	Std Method 2510-B [1]
Total Copper	0.54	0.05	µg/L	EPA 1638 (T) [1]
Dissolved Copper	0.52	0.05	µg/L	EPA 1638 (D) [1]
Total Hardness	47	1	mg/L as CaCO3	Std Method 2340 B (T) [1]
Dissolved Hardness	47	1	mg/L as CaCO3	Std Method 2340 B (D) [1]
Dissolved Hydroxide (OH-)	< R.L.	1	mg/L as CaCO3	Std Method 4500-CO2 D [1]
Total Iron	17	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Iron	6.1	0.1	µg/L	EPA 1638 (D) [1]
Total Lead	< R.L.	0.04	µg/L	EPA 1638 (T) [1]
Dissolved Lead	< R.L.	0.04	µg/L	EPA 1638 (D) [1]
Dissolved Magnesium	6	1	mg/L	EPA 200.7 (D) [1]
Total Magnesium	6	1	mg/L	EPA 200.7 (T) [1]
Dissolved Manganese	13.2	0.05	µg/L	EPA 1638 (D) [1]
Total Manganese	15.9	0.05	µg/L	EPA 1638 (T) [1]
Total Mercury	0.66	0.2	ng/L	EPA 1631 E (T) [1]
Dissolved Nickel	0.25	0.1	µg/L	EPA 1638 (D) [1]
Total Nickel	0.3	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Nitrate	< R.L.	0.1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Nitrate + Nitrite	< R.L.	0.01	mg/L as N	Std Method 4500-NO3-F (28Day) [1]
Dissolved Ortho-phosphate	0.07	0.01	mg/L as P	EPA 365.1 (DWR Modified) [1]
Total Phosphorus	0.08	0.01	mg/L as P	EPA 365.4 [1]
Dissolved Potassium	1.4	0.5	mg/L	EPA 200.7 (D) [1]
Total Selenium	< R.L.	0.2	µg/L	EPA 1638 (T) [1]
Dissolved Selenium	< R.L.	0.2	µg/L	EPA 1638 (D) [1]
Dissolved Silver	< R.L.	0.03	µg/L	EPA 1638 (D) [1]
Total Silver	< R.L.	0.03	µg/L	EPA 1638 (T) [1]
Dissolved Sodium	86	1	mg/L	EPA 200.7 (D) [1]

Total Dissolved Solids	265	1	mg/L	Std Method 2540 C [1]
Dissolved Sulfate	< R.L.	1	mg/L	EPA 300.0 28d Hold [1]
Total Zinc	1.76	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Zinc	0.3	0.1	µg/L	EPA 1638 (D) [1]
pH	8.5	0.1	pH Units	Std Method 2320 B (Filtered) [1]
Station Name: <a href="#">22N02W18C001M</a>			Station Number: 22N02W18C001M	
Collection Date: 04/25/2017 10:00			Sample Code: N0417B5871	
Depth: 0 Meters Matrix: Water, Natural		Purpose: Normal Sample Sample Parent: 0		
Description:				
Analyte	Result	Rpt Limit	Units	Method [*]
Total Alkalinity	398	1	mg/L as CaCO3	Std Method 2320 B (Filtered) [1]
Total Aluminum	71.1	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Aluminum	54.2	0.1	µg/L	EPA 1638 (D) [1]
Dissolved Ammonia	0.48	0.01	mg/L as N	EPA 350.1 [1]
Dissolved Arsenic	7.59	0.1	µg/L	EPA 1638 (D) [1]
Total Arsenic	7.67	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Bicarbonate (HCO3-)	53	1	mg/L as CaCO3	Std Method 4500-CO2 D [1]
Dissolved Boron	< R.L.	0.1	mg/L	EPA 200.7 (D) [1]
Dissolved Boron	< R.L.	0.1	mg/L	EPA 200.7 (D) [1]
Dissolved Cadmium	< R.L.	0.1	µg/L	EPA 1638 (D) [1]
Total Cadmium	< R.L.	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Calcium	74	1	mg/L	EPA 200.7 (D) [1]
Dissolved Calcium	73	1	mg/L	EPA 200.7 (D) [1]
Dissolved Carbonate (CO3--)	69	1	mg/L as CaCO3	Std Method 4500-CO2 D [1]
Dissolved Chloride	10	1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Chloride	10	1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Chromium	0.65	0.05	µg/L	EPA 1638 (D) [1]
Total Chromium	4.5	0.05	µg/L	EPA 1638 (T) [1]
Specific Conductance	1769	1	uS/cm@25degC	Std Method 2510-B [1]
Total Copper	2.84	0.05	µg/L	EPA 1638 (T) [1]
Dissolved Copper	0.82	0.05	µg/L	EPA 1638 (D) [1]
Dissolved Hardness	185	1	mg/L as CaCO3	Std Method 2340 B (D) [1]
Dissolved Hydroxide (OH-)	32	1	mg/L as CaCO3	Std Method 4500-CO2 D [1]
Dissolved Iron	10.1	0.1	µg/L	EPA 1638 (D) [1]
Total Iron	32.6	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Lead	0.983	0.04	µg/L	EPA 1638 (D) [1]
Total Lead	1.57	0.04	µg/L	EPA 1638 (T) [1]
Dissolved Magnesium	< R.L.	1	mg/L	EPA 200.7 (D) [1]
Dissolved Magnesium	< R.L.	1	mg/L	EPA 200.7 (D) [1]
Dissolved Manganese	0.54	0.05	µg/L	EPA 1638 (D) [1]
Total Manganese	1.13	0.05	µg/L	EPA 1638 (T) [1]
Dissolved Nickel	2.41	0.1	µg/L	EPA 1638 (D) [1]
Total Nickel	3.16	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Nitrate	< R.L.	0.1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Nitrate	< R.L.	0.1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Nitrate + Nitrite	0.11	0.01	mg/L as N	Std Method 4500-NO3-F (28Day) [1]
Dissolved Ortho-phosphate	< R.L.	0.01	mg/L as P	EPA 365.1 (DWR Modified) [1]
Total Phosphorus	< R.L.	0.01	mg/L as P	EPA 365.4 [1]
Dissolved Potassium	24.1	0.5	mg/L	EPA 200.7 (D) [1]
Dissolved Potassium	23.9	0.5	mg/L	EPA 200.7 (D) [1]
Total Selenium	0.59	0.2	µg/L	EPA 1638 (T) [1]

Dissolved Selenium	0.43	0.2	µg/L	EPA 1638 (D) [1]
Dissolved Silver	< R.L.	0.03	µg/L	EPA 1638 (D) [1]
Total Silver	< R.L.	0.03	µg/L	EPA 1638 (T) [1]
Dissolved Sodium	104	1	mg/L	EPA 200.7 (D) [1]
Dissolved Sodium	104	1	mg/L	EPA 200.7 (D) [1]
Total Dissolved Solids	1005	1	mg/L	Std Method 2540 C [1]
Dissolved Sulfate	9	1	mg/L	EPA 300.0 28d Hold [1]
Dissolved Sulfate	9	1	mg/L	EPA 300.0 28d Hold [1]
Total Zinc	9.07	0.1	µg/L	EPA 1638 (T) [1]
Dissolved Zinc	4.13	0.1	µg/L	EPA 1638 (D) [1]
pH	10.8	0.1	pH Units	Std Method 2320 B (Filtered) [1]

**NOTE:** Codes in brackets ([ ]) following the analytical method refer to the Method Comparability Code. For more information, please [click here](#).

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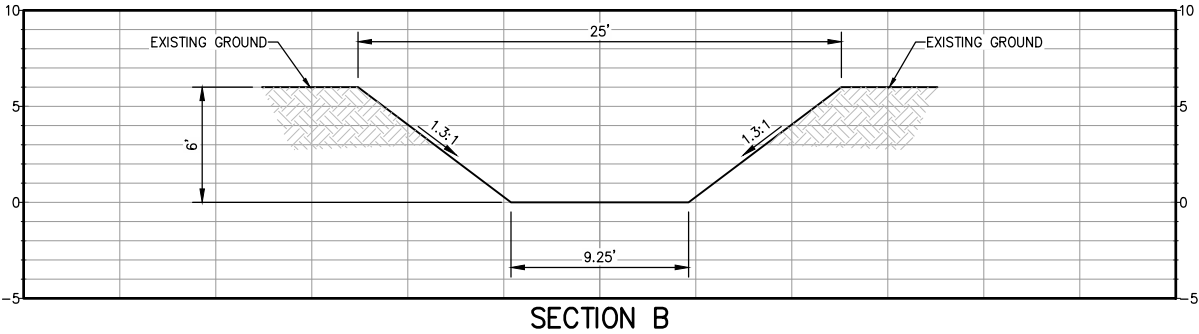
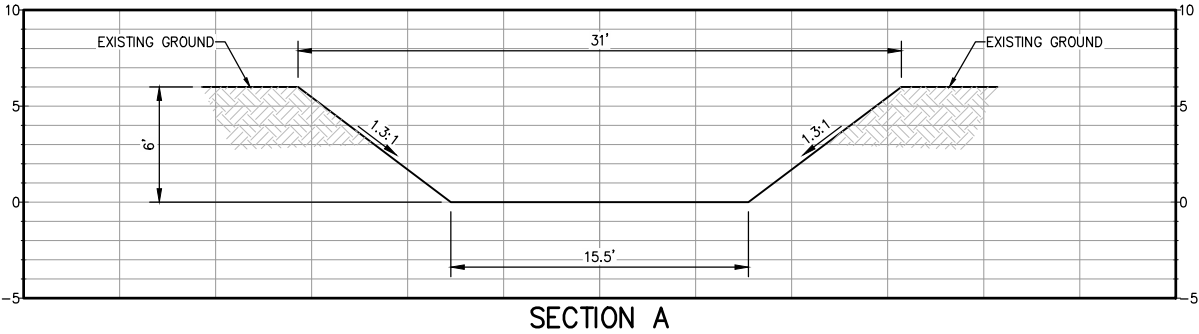
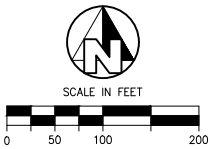
[Back](#)[New Search](#)




## **Appendix E**



SITE PLAN



 An Employee Owned Company 111 MISSION CIRCLE SUITE 140 CHICO, CA 95926 866/778-6200 www.ppeng.com		DESIGN ENGINEER: H. REINHARD LICENSE NO:		DRAFTED BY: MAP		CHECKED BY:	
TRAILER WASH PIT MTM TRAILER WASH JAMES OLSON ORLAND, CA		POND DIMENSIONS		DATE: 4-28-2020		JOB NO: 357920001	
PRELIMINARY NOT FOR CONSTRUCTION 4/28/20		FOR REVIEW ONLY		PROJECT NO:		PHASE:	
No.		REVISION		BY		DATE	
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## **Appendix F**

MTM Trailer Wash  
Wastewater Reclamation - Land Application  
Water & Constituent Loading Budget  
Wheat - Normal Year Rainfall

DATA:

Month	Number of Days per Month	Working Days per Month	Normal Year		ET	BOD Ave. Applied (mg/l)	Nitrogen Ave. Applied (mg/l)	TDS Ave. Applied (mg/l)
			Rainfall (in/month)	Evaporation (in/month)	Wheat (in/month)			
January	31	31	6.81	1.35	0.08	1,410	320	2,570
February	28	28	0.27	2.23	2.07	1,410	320	2,570
March	31	31	1.34	4.13	4.06	1,410	320	2,570
April	30	30	0.22	5.94	5.64	1,410	320	2,570
May	31	31	0.21	8.32	3.55	1,410	320	2,570
June	30	30	0.20	9.29	0.20	1,410	320	2,570
July	31	31	0.13	10.03	0.14	1,410	320	2,570
August	31	31	0.34	8.58	0.32	1,410	320	2,570
September	30	30	0.07	6.43	0.07	1,410	320	2,570
October	31	31	0.64	4.35	0.58	1,410	320	2,570
November	30	30	4.15	2.19	0.45	1,410	320	2,570
December	31	31	2.12	1.02	0.88	1,410	320	2,570
Total	365	365	16.5	63.86	18.04	1,410	320.0	2,570

STORAGE POND CALCULATIONS:

Effluent Production = 2,800 gpd  
  
Pond Wet Area = 0.49 acres  
Pond Storage = 1.70 ac-ft  
Pond Storage = 325,851 gal  
Pond Percolation Rate = 0.00 in/day  
  
Pasture Area = 15.7 acres  
Wheat Rootzone AWHC = 4.20 inch

Month	Effluent Produced (gal/month)	Effluent Exported (gal/month)	Effluent to Pond (gal/month)	Surface Rainfall (gal/month)	Surface Evaporation (gal/month)	Pond Percolation (gal/month)	Monthly Available (gal/month)	Cumulative Available (gal/month)
January	86,800	0	86,800	90,611	17,963	0	159,448	159,448
February	78,400	0	78,400	3,593	29,671	0	52,322	211,770
March	86,800	0	86,800	17,830	54,952	0	49,678	61,448
April	84,000	0	84,000	2,927	79,035	0	69,340	0
May	86,800	0	86,800	2,794	110,703	0	0	0
June	84,000	0	84,000	2,661	123,609	0	0	0
July	86,800	0	86,800	1,730	133,455	0	0	0
August	86,800	0	86,800	4,524	114,162	0	0	0
September	84,000	0	84,000	931	85,555	0	0	0
October	86,800	0	86,800	8,516	57,879	0	37,437	0*
November	84,000	0	84,000	55,218	29,139	0	110,079	0
December	86,800	0	86,800	28,208	13,572	0	101,436	0
Total	1,022,000	0	1,022,000	219,543	849,695	0	579,740	Start at 0 Stored July 1st

RECLAMATION AREA:

Month	Cumulative Available (gal/month)	Wheat		15.7 acres		Irrigation Application Efficiency = 70%			
		Effluent Applied (gal)	Effluent Applied (in)	Effective Rainfall (in)	Fresh Irrigation (in)	Gross Crop Need (in)	Soil Moisture Start (in)	Soil Moisture End (in)	Percolation & Leaching > 5.76 in
January	159,448	0	0.00	5.86	0.00	0.11	4.16	9.91	5.71
February	211,770	0	0.00	-0.29	0.00	2.96	4.20	0.95	0.00
March	61,448	200,000	0.47	0.05	0.00	5.80	0.95	-4.33	0.00
April	0	145,851	0.34	0.00	4.00	8.06	-4.33	-8.05	0.00
May	0	0	0.00	0.00	6.00	5.07	-8.05	-7.12	0.00
June	0	0	0.00	0.00	0.00	0.29	-7.12	-7.41	0.00
July	0	0	0.00	0.00	0.00	0.20	-7.41	-7.61	0.00
August	0	0	0.00	0.00	0.00	0.46	-7.61	-8.07	0.00
September	0	0	0.00	0.00	0.00	0.10	-8.07	-8.17	0.00
October	0	37,437	0.09	0.35	0.00	0.83	-8.17	0.75	0.00
November	0	110,079	0.26	3.36	0.00	0.64	0.75	3.73	0.00
December	0	101,436	0.24	1.45	0.00	1.26	3.73	4.16	0.00
		594,803	1.40	10.78	10.00	25.78			5.71
		1.8 ac-ft		14.1	13.1	33.7 ac-ft			7.5 ac-ft
Percent of Total =		6%		49%	45%				

BOD Loading		Nitrogen Loading		TDS Loading	
Total Weight (lbs/month)	Loading Applied (lbs/ac/day)	Available Total (lbs/month)	320.0 mg/l Applied (lbs/ac/month)	Available Total (lbs/month)	2570.0 mg/l Applied (lbs/ac/month)
0	0	0	0	0	0
0	0	0	0	0	0
2,353	5	534	34	4,289	273
1,716	4	389	25	3,128	199
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
440	1	100	6	803	51
1,295	3	294	19	2,361	150
1,193	2	271	17	2,175	139
6,997	1 Ave.	1,588	101 Total	12,756	812 Total

Maximum Storage Required: 159,448 gallons

**MTM Trailer Wash**  
**Wastewater Reclamation - Land Application**  
**Water & Constituent Loading Budget**  
**Wheat - 100yr Year Rainfall**

DATA:

Month	Number of Days per Month	Working Days per Month	100 Year		ET	BOD Ave. Applied (mg/l)	Nitrogen Ave. Applied (mg/l)	TDS Ave. Applied (mg/l)
			Rainfall (in/month)	Evaporation (in/month)	Wheat (in/month)			
January	31	31	19.81	1.35	0.41	1,410	320	2,570
February	28	28	0.79	2.23	0.88	1,410	320	2,570
March	31	31	3.90	4.13	2.98	1,410	320	2,570
April	30	30	0.64	5.94	4.30	1,410	320	2,570
May	31	31	0.61	8.32	3.00	1,410	320	2,570
June	30	30	0.58	9.29	0.63	1,410	320	2,570
July	31	31	0.38	10.03	0.00	1,410	320	2,570
August	31	31	0.99	8.58	0.02	1,410	320	2,570
September	30	30	0.20	6.43	0.12	1,410	320	2,570
October	31	31	1.86	4.35	0.55	1,410	320	2,570
November	30	30	12.07	2.19	0.93	1,410	320	2,570
December	31	31	6.17	1.02	1.00	1,410	320	2,570
Total	365	365	48	63.86	14.82	1,410	320.0	2,570

STORAGE POND CALCULATIONS:

Effluent Production = 2,800 gpd

Pond Wet Area = 0.49 acres

Pond Storage = 1.70 ac-ft

Pond Storage = 325,851 gal

Pond Percolation Rate = 0.00 in/day

Pasture Area = 15.7 acres

Wheat Rootzone AWHC = 4.20 inch

Month	Effluent Produced (gal/month)	Effluent Exported (gal/month)	Effluent to Pond (gal/month)	Surface Rainfall (gal/month)	Surface Evaporation (gal/month)	Pond Percolation (gal/month)	Monthly Available (gal/month)	Cumulative Available (gal/month)
January	86,800	0	86,800	263,584	17,963	0	332,421	253,205
February	78,400	0	78,400	10,511	29,671	0	59,240	132,445
March	86,800	0	86,800	51,892	54,952	0	83,740	66,185
April	84,000	0	84,000	8,516	79,035	0	79,666	0
May	86,800	0	86,800	8,116	110,703	0	0	0
June	84,000	0	84,000	7,717	123,609	0	0	0
July	86,800	0	86,800	5,056	133,455	0	0	0
August	86,800	0	86,800	13,173	114,162	0	0	0
September	84,000	0	84,000	2,661	85,555	0	1,106	0
October	86,800	0	86,800	24,748	57,879	0	53,669	0
November	84,000	0	84,000	160,599	29,139	0	215,460	15,460
December	86,800	0	86,800	82,096	13,572	0	155,324	45,784
Total	1,022,000	0	1,022,000	638,669	849,695	0	980,626	

\* Start at 0 Stored July 1st

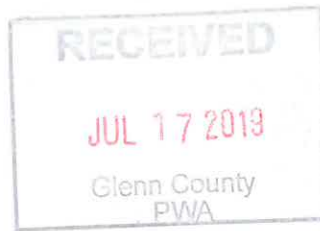
RECLAMATION AREA:

		Wheat	15.7 acres		Irrigation Application Efficiency = 70%					
Month	Cumulative Available (gal/month)	Effluent Applied (gal)	Effluent Applied (in)	Effective Rainfall (in)	Fresh Irrigation (in)	Gross Crop Need (in)	Soil Moisture Start (in)	Soil Moisture End (in)	Percolation & Leaching > 5.76 in	
January	253,205	125,000	0.29	18.08	0.00	0.59	4.20	21.98	17.78	
February	132,445	180,000	0.42	0.20	0.00	1.26	4.20	3.56	0.00	
March	66,185	150,000	0.35	2.19	0.00	4.26	3.56	1.84	0.00	
April	0	145,851	0.34	0.00	4.00	6.14	1.84	0.04	0.00	
May	0	0	0.00	0.00	6.00	4.29	0.04	1.75	0.00	
June	0	0	0.00	0.00	0.00	0.90	1.75	0.85	0.00	
July	0	0	0.00	0.00	0.00	0.00	0.85	0.85	0.00	
August	0	0	0.00	0.00	0.00	0.03	0.85	0.82	0.00	
September	0	1,106	0.00	0.00	0.00	0.17	0.82	0.65	0.00	
October	0	53,669	0.13	1.12	0.00	0.79	0.65	0.75	0.00	
November	15,460	200,000	0.47	10.81	0.00	1.33	0.75	10.70	6.50	
December	45,784	125,000	0.29	5.26	0.00	1.43	4.20	8.32	4.12	
Percent of Total =		980,626	2.29	37.66	10.00	21.19	ac-ft		28.40	ac-ft
		3.0	ac-ft	49.3	13.1	27.7			37.2	
		5%		75%	20%					

BOD Loading		Nitrogen Loading		TDS Loading	
Total Weight (lbs/month)	Loading Applied (lbs/ac/day)	Available Total (lbs/month)	320.0 mg/l Applied (lbs/ac/month)	Available Total (lbs/month)	2570.0 mg/l Applied (lbs/ac/month)
1,471	3	334	21	2,681	171
2,118	5	481	31	3,860	246
1,765	4	401	26	3,217	205
1,716	4	389	25	3,128	199
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
13	0	3	0	24	2
631	1	143	9	1,151	73
2,353	5	534	34	4,289	273
1,471	3	334	21	2,681	171
11,538	2 Ave.	2,619	167 Total	21,031	1340 Total

Maximum Storage Required: 332,421 gallons





GAVIN NEWSOM  
GOVERNOR

JARED BLUMENFELD  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## Central Valley Regional Water Quality Control Board

15 July 2019

WDID: 5A11NC00072

Mr. Greg Conant  
Glenn County Planning and Community Development Services Agency  
777 N. Colusa Street  
Willows, CA 95988

### **REVIEW OF CONDITIONAL USE PERMIT APPLICATION 2019-001 FOR AGRICULTURAL LIVESTOCK WASHOUT, APN 044-200-007, GLENN COUNTY**

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) is a responsible agency for this project, as defined by the California Environmental Quality Act (CEQA). On 9 July 2019 we received your request for review of Conditional Use Permit Application (CUPA) 2019-001.

The applicant currently operates an agricultural livestock washout serving livestock haulers 24 hours a day, seven days a week, at 7120 County Road 9, approximately three miles northeast of Orland, California. The project description states that the 19.55-acre parcel is zoned for exclusive agriculture, consists of a dwelling, cropland, and a concrete slab for the washout facility. The description also states that all water is contained onsite and the project does not change drainage patterns or cause erosion.

Central Valley Water Board staff inspected the washout facility on 8 January 2019 in response to complaints of wastewater discharged from the property. The property is equipped with a manure separator used to remove solids from the waste stream, a storage pond, and a flood irrigation system. On 5 March 2019 the Central Valley Water Board issued an inspection report and a California Water Code (CWC) Order for a Report of Waste Discharge (ROWD), pursuant to Section 13260. The California Water Code requires that any person proposing to discharge waste that could affect the quality of waters of the State to file a ROWD.

The facility owner did not submit a ROWD by 1 June 2019, and the Central Valley Water Board subsequently issued a 10 June 2019 Notice of Violation for Failure to Submit Technical Reports.

Based on our review of the information submitted for the project and our past inspections, we have the following comments:

KARL E. LONGLEY SCD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

364 Knollcrest Drive, Suite 205, Redding, CA 96002 | [www.waterboards.ca.gov/centralvalley](http://www.waterboards.ca.gov/centralvalley)

**Wastewater Treatment and Disposal**

The proposed project includes an onsite wastewater treatment and disposal system with discharges contained on the property. Complaints have documented wastewater discharges flowing off the subject property. Assuming this problem has been eliminated, it remains necessary to evaluate the wastewater storage and disposal onsite and determine that site activities do not negatively impact water quality beneath the site. Depending on the quantity and characteristics of the onsite wastewater and how the it is managed, wastewater discharges to land may need to be regulated by the Central Valley Water Board's Waste Discharge Requirements program.

If you have any questions or comments regarding wastewater discharges to land and the request for ROWD, please contact me at (530) 224-4205 or by email at [Monique.Gaido@waterboards.ca.gov](mailto:Monique.Gaido@waterboards.ca.gov).



Monique Gaido  
Engineering Geologist

MEM: ch

cc: Kevin Backus, Glenn County Environmental Health Division, Willows



# Glenn County Environmental Health

247 N Villa Avenue, Willows, CA 95988  
(530) 934-6102 • Fax: (530) 934-6103

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Date: July 25, 2019

To: Greg Conant, Assistant Planner  
Glenn County Planning & Community Development Services Agency  
(Via Email)

From: Kevin Backus, REHS  
Director, Glenn County Environmental Health Department

Re: Conditional Use Permit 2019-001, Olson, APN 044-200-007 (Agriculture Livestock Washout)

We have reviewed the application information for the project noted above and recommend it be found complete for further processing. We have the following comments/requirements:

1. In order to remain an excluded activity under CalRecycle regulations all compostable material from the agriculture livestock washout, on-site at any one time, shall not exceed 100 cubic yards and 750 square feet.
2. In addition, all compostable material from the agriculture livestock washout shall be applied to that same agricultural property, or an agricultural site owned or leased by the owner, parent, or subsidiary of the composting activity.

➤ *Title 14 CCR § 17855. Excluded Activities*

*(a) Except as provided otherwise in this Chapter, the activities listed in this section do not constitute compostable material handling operations or facilities and are not required to meet the requirements set forth herein. Nothing in this section precludes the EA or the Department from inspecting an excluded activity to verify that the activity is being conducted in a manner that qualifies as an excluded activity or from taking any appropriate enforcement action.*

*(4) Composting green material, agricultural material, food material, and vegetative food material, alone or in combination, is an excluded activity if the total amount of feedstock and compost on-site at any one time does not exceed 100 cubic yards and 750 square feet.*

*[NOTE: Persons handling compostable material under the above exclusion are obligated to obtain all permits, licenses, or other clearances that may be required by other regulatory agencies including, but not limited to local health entities and local land use authorities.]*



Note: A solid waste facility permit may be required by the LEA if operations are not conducted in a manner that maintains compliance with CalRecycle regulations as an excluded activity.

3. All waste water from the agriculture livestock washout shall be stored and applied to that same agricultural property.
4. All waste water from the agriculture livestock washout shall be stored and applied in an area and manner that maintains at least 100 feet of separation from any water well.
5. Measures shall be taken in all phases of the agriculture livestock washout operation to prevent flies and odors from becoming a nuisance.

Please contact Environmental Health at 530-934-6102 with any questions on this matter.

Conditional Use Permit

No. 2019-001

James Olson

**COMMENTS**

That prior to any work being done in the County Right-of-Way an Encroachment Permit shall be required. (15.120 GCC)

**CONDITIONS**

Permittee shall pave the approaches at both the entry and exit locations per Glenn County Subdivision Standard S-19 for Private Road Intersection.

By:  
Michael R. Biggs  
Engineering Technician II  
7/31/2019

Northeast Center of the  
California Historical Resources  
Information System

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Chico CA 95928  
Phone (530) 898-6256  
*neinfoctr@csuchico.edu*

December 14, 2020

Glenn County Planning and Community  
Development Services Agency  
225 N. Tehama Street  
Willows, CA 95988  
Attn: Andy Popper

**I.C. File # Y20-10  
Project Review**

RE: Conditional Use Permit 2019-001 / APN 044-200-007  
T22N, R2W, Section 7 MDBM  
USGS Kirkwood (1949) 7.5' & Corning (1951) 15' quadrangle maps  
19.55 acres (Glenn County)

Dear Mr. Popper

In response to your request, a project review for the project cited above was conducted by examining the official maps and records for archaeological sites and surveys in Glenn County.

**RESULTS:**

**Prehistoric Resources:** According to our records, no sites of this type have been recorded within or adjacent to the project area. In addition, no resources of this type have been recorded within the ¼ -mile vicinity. The project area is located in a boundary region utilized by Konkow populations. Unrecorded prehistoric cultural resources may be located in the project area.

**Historic Resources:** According to our records, no sites of this type have been recorded within or adjacent to the project area. In addition, no resources of this type have been recorded within the ¼ -mile vicinity. Unrecorded historic resources may be located in the project area.

The USGS Kirkwood (1949) 7.5' & Corning (1951) 15' quadrangle maps indicate archaeologically sensitive regions within the project area such as structures, foundations, and roads. Additional foundations, structures, roads, wells, and canals are located in the general project vicinity.

**Previous Archaeological Investigations:** According to our records, the project area has not been surveyed for cultural resources.

**Literature Search:** The official records and maps for archaeological sites and surveys in Glenn County were reviewed. Also reviewed: **National Register of Historic Places-Listed Properties and Determined Eligible Properties** (2012); **Built Environment Resource Directory** (2019); **California Register of Historical Resources** (2012); **California Points of Historical Interest** (2012); **California Inventory of Historic Resources** (1976); **California Historical Landmarks** (2012); **Gold Districts of California – Bulletin 193** (2005); **Handbook of North American Indians, Vol. 8, California** (1978); and **Historic Spots in California** (2002).

## **RECOMMENDATIONS:**

Based upon the above information and the local topography, and regional history, the project is located in an area considered to be moderately sensitive for prehistoric, protohistoric, and historic cultural resources. Konkow 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 possibly utilized the region for farming, mining, and transportation opportunities.

Therefore, because portions of the project area have not been previously surveyed, and because the previous surveys are more than ten years old, we recommend that a professional archaeologist be contacted to conduct a cultural resources review of the project area. The consultant can offer recommendations for avoidance and protection of previously recorded as well as any newly identified resources. In addition, any existing structures should be evaluated for potential historical significance. The project archaeologist will be able to offer recommendations for the preservation of or mitigation of effects on any cultural resources encountered as a result of field survey. A list of qualified consultants is available online at [www.chrisinfo.org](http://www.chrisinfo.org).

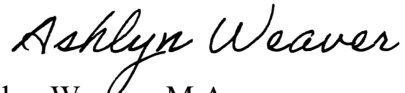
The project archaeologist should also contact the appropriate local Native American representatives for information regarding traditional cultural properties that may be located within project boundaries for which we have no records. The Native American Heritage Commission should be contacted at (916) 373-3710 for information regarding Native American representatives in the vicinity of the project.

During any phase of parcel development, if any potential prehistoric, protohistoric, and/or historic cultural 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 cultural resource find is intended for accidental discoveries made during construction activities, and is not intended as a substitute for the recommended cultural resources survey.

The fee for this project review is \$75.00 (1 hour of Project Review Time @ \$75.00 per hour). Payment for this project review was received on July, 13, 2020 (Check # 249) Thank you for your

dedication preserving Glenn County's and California's irreplaceable cultural heritage, and please feel free to contact us if you have any questions or need any further information or assistance.

Sincerely,

A handwritten signature in black ink that reads "Ashlyn Weaver". The script is cursive and fluid, with the first letters of each word being capitalized and prominent.

Ashlyn Weaver, M.A.  
Assistant Coordinator  
Northeast Information Center



July 10, 2019

Greg Conant  
Glenn County Planning & Community Development  
777 N Colusa St  
Willows, CA 95988

Ref: Gas and Electric Transmission and Distribution

Dear Mr. Conant,

Thank you for submitting CUP2019-001 plans for our review. PG&E will review the submitted plans in relationship to any existing Gas and Electric facilities within the project area. If the proposed project is adjacent/or within PG&E owned property and/or easements, we will be working with you to ensure compatible uses and activities near our facilities.

Attached you will find information and requirements as it relates to Gas facilities (Attachment 1) and Electric facilities (Attachment 2). Please review these in detail, as it is critical to ensure your safety and to protect PG&E's facilities and its existing rights.

Below is additional information for your review:

1. This plan review process does not replace the application process for PG&E gas or electric service your project may require. For these requests, please continue to work with PG&E Service Planning: [https://www.pge.com/en\\_US/business/services/building-and-renovation/overview/overview.page](https://www.pge.com/en_US/business/services/building-and-renovation/overview/overview.page).
2. If the project being submitted is part of a larger project, please include the entire scope of your project, and not just a portion of it. PG&E's facilities are to be incorporated within any CEQA document. PG&E needs to verify that the CEQA document will identify any required future PG&E services.
3. An engineering deposit may be required to review plans for a project depending on the size, scope, and location of the project and as it relates to any rearrangement or new installation of PG&E facilities.

Any proposed uses within the PG&E fee strip and/or easement, may include a California Public Utility Commission (CPUC) Section 851 filing. This requires the CPUC to render approval for a conveyance of rights for specific uses on PG&E's fee strip or easement. PG&E will advise if the necessity to incorporate a CPUC Section 851 filing is required.

This letter does not constitute PG&E's consent to use any portion of its easement for any purpose not previously conveyed. PG&E will provide a project specific response as required.

Sincerely,

Plan Review Team  
Land Management



## **Attachment 1 – Gas Facilities**

There could be gas transmission pipelines in this area which would be considered critical facilities for PG&E and a high priority subsurface installation under California law. Care must be taken to ensure safety and accessibility. So, please ensure that if PG&E approves work near gas transmission pipelines it is done in adherence with the below stipulations. Additionally, the following link provides additional information regarding legal requirements under California excavation laws: <http://usanorth811.org/wp-content/uploads/2017/05/CA-LAW-English.pdf>

1. **Standby Inspection:** A PG&E Gas Transmission Standby Inspector must be present during any demolition or construction activity that comes within 10 feet of the gas pipeline. This includes all grading, trenching, substructure depth verifications (potholes), asphalt or concrete demolition/removal, removal of trees, signs, light poles, etc. This inspection can be coordinated through the Underground Service Alert (USA) service at 811. A minimum notice of 48 hours is required. Ensure the USA markings and notifications are maintained throughout the duration of your work.
2. **Access:** At any time, PG&E may need to access, excavate, and perform work on the gas pipeline. Any construction equipment, materials, or spoils may need to be removed upon notice. Any temporary construction fencing installed within PG&E's easement would also need to be capable of being removed at any time upon notice. Any plans to cut temporary slopes exceeding a 1:4 grade within 10 feet of a gas transmission pipeline need to be approved by PG&E Pipeline Services in writing PRIOR to performing the work.
3. **Wheel Loads:** To prevent damage to the buried gas pipeline, there are weight limits that must be enforced whenever any equipment gets within 10 feet of traversing the pipe.

Ensure a list of the axle weights of all equipment being used is available for PG&E's Standby Inspector. To confirm the depth of cover, the pipeline may need to be potholed by hand in a few areas.

Due to the complex variability of tracked equipment, vibratory compaction equipment, and cranes, PG&E must evaluate those items on a case-by-case basis prior to use over the gas pipeline (provide a list of any proposed equipment of this type noting model numbers and specific attachments).

No equipment may be set up over the gas pipeline while operating. Ensure crane outriggers are at least 10 feet from the centerline of the gas pipeline. Transport trucks must not be parked over the gas pipeline while being loaded or unloaded.

4. **Grading:** PG&E requires a minimum of 36 inches of cover over gas pipelines (or existing grade if less) and a maximum of 7 feet of cover at all locations. The graded surface cannot exceed a cross slope of 1:4.
5. **Excavating:** Any digging within 2 feet of a gas pipeline must be dug by hand. Note that while the minimum clearance is only 12 inches, any excavation work within 24 inches of the edge of a pipeline must be done with hand tools. So to avoid having to dig a trench entirely with hand tools, the edge of the trench must be over 24 inches away. (Doing the math for a 24 inch wide trench being dug along a 36 inch pipeline, the centerline of the trench would need to be at least 54 inches [ $24/2 + 24 + 36/2 = 54$ ] away, or be entirely dug by hand.)



Water jetting to assist vacuum excavating must be limited to 1000 psig and directed at a 40° angle to the pipe. All pile driving must be kept a minimum of 3 feet away.

Any plans to expose and support a PG&E gas transmission pipeline across an open excavation need to be approved by PG&E Pipeline Services in writing PRIOR to performing the work.

6. Boring/Trenchless Installations: PG&E Pipeline Services must review and approve all plans to bore across or parallel to (within 10 feet) a gas transmission pipeline. There are stringent criteria to pothole the gas transmission facility at regular intervals for all parallel bore installations.

For bore paths that cross gas transmission pipelines perpendicularly, the pipeline must be potholed a minimum of 2 feet in the horizontal direction of the bore path and a minimum of 12 inches in the vertical direction from the bottom of the pipe with minimum clearances measured from the edge of the pipe in both directions. Standby personnel must watch the locator trace (and every ream pass) the path of the bore as it approaches the pipeline and visually monitor the pothole (with the exposed transmission pipe) as the bore traverses the pipeline to ensure adequate clearance with the pipeline. The pothole width must account for the inaccuracy of the locating equipment.

7. Substructures: All utility crossings of a gas pipeline should be made as close to perpendicular as feasible (90° +/- 15°). All utility lines crossing the gas pipeline must have a minimum of 12 inches of separation from the gas pipeline. Parallel utilities, pole bases, water line 'kicker blocks', storm drain inlets, water meters, valves, back pressure devices or other utility substructures are not allowed in the PG&E gas pipeline easement.

If previously retired PG&E facilities are in conflict with proposed substructures, PG&E must verify they are safe prior to removal. This includes verification testing of the contents of the facilities, as well as environmental testing of the coating and internal surfaces. Timelines for PG&E completion of this verification will vary depending on the type and location of facilities in conflict.

8. Structures: No structures are to be built within the PG&E gas pipeline easement. This includes buildings, retaining walls, fences, decks, patios, carports, septic tanks, storage sheds, tanks, loading ramps, or any structure that could limit PG&E's ability to access its facilities.

9. Fencing: Permanent fencing is not allowed within PG&E easements except for perpendicular crossings which must include a 16 foot wide gate for vehicular access. Gates will be secured with PG&E corporation locks.

10. Landscaping: Landscaping must be designed to allow PG&E to access the pipeline for maintenance and not interfere with pipeline coatings or other cathodic protection systems. No trees, shrubs, brush, vines, and other vegetation may be planted within the easement area. Only those plants, ground covers, grasses, flowers, and low-growing plants that grow unsupported to a maximum of four feet (4') in height at maturity may be planted within the easement area.

11. Cathodic Protection: PG&E pipelines are protected from corrosion with an "Impressed Current" cathodic protection system. Any proposed facilities, such as metal conduit, pipes,





service lines, ground rods, anodes, wires, etc. that might affect the pipeline cathodic protection system must be reviewed and approved by PG&E Corrosion Engineering.

12. Pipeline Marker Signs: PG&E needs to maintain pipeline marker signs for gas transmission pipelines in order to ensure public awareness of the presence of the pipelines. With prior written approval from PG&E Pipeline Services, an existing PG&E pipeline marker sign that is in direct conflict with proposed developments may be temporarily relocated to accommodate construction work. The pipeline marker must be moved back once construction is complete.

13. PG&E is also the provider of distribution facilities throughout many of the areas within the state of California. Therefore, any plans that impact PG&E's facilities must be reviewed and approved by PG&E to ensure that no impact occurs which may endanger the safe operation of its facilities.



## **Attachment 2 – Electric Facilities**

It is PG&E's policy to permit certain uses on a case by case basis within its electric transmission fee strip(s) and/or easement(s) provided such uses and manner in which they are exercised, will not interfere with PG&E's rights or endanger its facilities. Some examples/restrictions are as follows:

1. **Buildings and Other Structures:** No buildings or other structures including the foot print and eave of any buildings, swimming pools, wells or similar structures will be permitted within fee strip(s) and/or easement(s) areas. PG&E's transmission easement shall be designated on subdivision/parcel maps as **"RESTRICTED USE AREA – NO BUILDING."**
2. **Grading:** Cuts, trenches or excavations may not be made within 25 feet of our towers. Developers must submit grading plans and site development plans (including geotechnical reports if applicable), signed and dated, for PG&E's review. PG&E engineers must review grade changes in the vicinity of our towers. No fills will be allowed which would impair ground-to-conductor clearances. Towers shall not be left on mounds without adequate road access to base of tower or structure.
3. **Fences:** Walls, fences, and other structures must be installed at locations that do not affect the safe operation of PG&E's facilities. Heavy equipment access to our facilities must be maintained at all times. Metal fences are to be grounded to PG&E specifications. No wall, fence or other like structure is to be installed within 10 feet of tower footings and unrestricted access must be maintained from a tower structure to the nearest street. Walls, fences and other structures proposed along or within the fee strip(s) and/or easement(s) will require PG&E review; submit plans to PG&E Centralized Review Team for review and comment.
4. **Landscaping:** Vegetation may be allowed; subject to review of plans. On overhead electric transmission fee strip(s) and/or easement(s), trees and shrubs are limited to those varieties that do not exceed 15 feet in height at maturity. PG&E must have access to its facilities at all times, including access by heavy equipment. No planting is to occur within the footprint of the tower legs. Greenbelts are encouraged.
5. **Reservoirs, Sumps, Drainage Basins, and Ponds:** Prohibited within PG&E's fee strip(s) and/or easement(s) for electric transmission lines.
6. **Automobile Parking:** Short term parking of movable passenger vehicles and light trucks (pickups, vans, etc.) is allowed. The lighting within these parking areas will need to be reviewed by PG&E; approval will be on a case by case basis. Heavy equipment access to PG&E facilities is to be maintained at all times. Parking is to clear PG&E structures by at least 10 feet. Protection of PG&E facilities from vehicular traffic is to be provided at developer's expense AND to PG&E specifications. Blocked-up vehicles are not allowed. Carports, canopies, or awnings are not allowed.
7. **Storage of Flammable, Explosive or Corrosive Materials:** There shall be no storage of fuel or combustibles and no fueling of vehicles within PG&E's easement. No trash bins or incinerators are allowed.
8. **Streets and Roads:** Access to facilities must be maintained at all times. Street lights may be allowed in the fee strip(s) and/or easement(s) but in all cases must be reviewed by PG&E for



proper clearance. Roads and utilities should cross the transmission easement as nearly at right angles as possible. Road intersections will not be allowed within the transmission easement.

9. Pipelines: Pipelines may be allowed provided crossings are held to a minimum and to be as nearly perpendicular as possible. Pipelines within 25 feet of PG&E structures require review by PG&E. Sprinklers systems may be allowed; subject to review. Leach fields and septic tanks are not allowed. Construction plans must be submitted to PG&E for review and approval prior to the commencement of any construction.

10. Signs: Signs are not allowed except in rare cases subject to individual review by PG&E.

11. Recreation Areas: Playgrounds, parks, tennis courts, basketball courts, barbecue and light trucks (pickups, vans, etc.) may be allowed; subject to review of plans. Heavy equipment access to PG&E facilities is to be maintained at all times. Parking is to clear PG&E structures by at least 10 feet. Protection of PG&E facilities from vehicular traffic is to be provided at developer's expense AND to PG&E specifications.

12. Construction Activity: Since construction activity will take place near PG&E's overhead electric lines, please be advised it is the contractor's responsibility to be aware of, and observe the minimum clearances for both workers and equipment operating near high voltage electric lines set out in the High-Voltage Electrical Safety Orders of the California Division of Industrial Safety (<https://www.dir.ca.gov/Title8/sb5g2.html>), as well as any other safety regulations. Contractors shall comply with California Public Utilities Commission General Order 95 ([http://www.cpuc.ca.gov/gos/GO95/go\\_95\\_startup\\_page.html](http://www.cpuc.ca.gov/gos/GO95/go_95_startup_page.html)) and all other safety rules. No construction may occur within 25 feet of PG&E's towers. All excavation activities may only commence after 811 protocols has been followed.

Contractor shall ensure the protection of PG&E's towers and poles from vehicular damage by (installing protective barriers) Plans for protection barriers must be approved by PG&E prior to construction.

13. PG&E is also the owner of distribution facilities throughout many of the areas within the state of California. Therefore, any plans that impact PG&E's facilities must be reviewed and approved by PG&E to ensure that no impact occurs that may endanger the safe and reliable operation of its facilities.