

**Pacific Coast Producers, Inc.**

**CEQA Initial Study/Negative Declaration  
for  
Waste Discharge Requirements for  
Expansion of the Oroville Processing Facility and Palermo Land Application Area**

**14 December 2016**

**Prepared, Edited, and Distributed by:**

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
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## I. NEGATIVE DECLARATION

**Project Title:** Pacific Coast Producers Inc. (Discharger), Palermo Land Application Area Expansion

**Project Location:** The Pacific Coast Producers (PCP) fruit processing facility (cannery) is located on 21 acres in the City of Oroville in Butte County at 1601 Mitchell Avenue. The land application area is located 6.5 miles south of the cannery in Palermo. The cannery is located in Section 17, Township 19 North, Range 4 East, Oroville quadrangle and the land application area is located in Sections 17, 20, and 29, Township 18 North, Range 4 East, Palermo quadrangle, Mount Diablo Base and Meridian.

**Summary Description of Project:** The PCP cannery produces canned fruit, including peaches, pears, and fruit cocktail (mixed fruit and single serve plastic bowls, with fruit and syrup or fruit and gel combinations). The cannery employs 180 people full-time year round, and approximately 1,400 during the peak production season. Process wastewater and storm water from the cannery are transported to a land application area in southern Palermo by means of a 6 ½ mile pipeline. For final disposal, the process wastewater and storm water has been applied to approximately 309 acres of a 369-acre land application area, consisting of 10 fields and three ponds. Wastewater is applied either by flood or spray irrigation. Limited irrigation has been performed in the Pheasant Club, located on an adjacent 401-acre parcel also owned by the discharger. The proposed project would allow the following:

- Expansion of the land application area to additional parcels within the Pheasant Club. The total additional land application area is approximately 100 acres. The quantity of process wastewater applied to land will remain at current rates; therefore the expansion to 409 acres would reduce constituent loading rates.

**Findings:** Based on information contained in the attached Initial Study and Application/Report of Waste Discharge, prepared by Brown and Caldwell, in addition to the corresponding case file, the project, with mitigation measures incorporated, would not have a significant adverse effect on the environment.

*ORIGINAL SIGNED BY*

24 February 2017

Signature

Date

Bryan Smith, P.E.  
Supervising Water Resource Control Engineer  
California Regional Water Quality Control Board  
Central Valley Region

## II. INITIAL STUDY

### PROJECT SUMMARY

**Project title**

Pacific Coast Producers Inc., Palermo Land Application Area Expansion

**Lead agency name and address**

California Regional Water Quality Control Board, Central Valley Region  
364 Knollcrest Drive, Suite 205  
Redding, California 96002  
530-224-4845

**Contact person and phone number**

Rebecca Tabor  
530-226-3458  
[Rebecca.Tabor@waterboards.ca.gov](mailto:Rebecca.Tabor@waterboards.ca.gov)

**Project location**

The Pacific Coast Producers fruit processing facility (cannery) is located on 21 acres in the City of Oroville in Butte County at 1601 Mitchell Avenue. The land application area is located 6.5 miles south of the cannery near Palermo. The cannery is located in Section 17, Township 19 North, Range 4 East, Oroville quadrangle and the land application area is located in Sections 17, 20, and 29, Township 18 North, Range 4 East, Palermo quadrangle, Mount Diablo Base and Meridian.

Pacific Coast Producers Incorporated Cannery, City of Oroville  
APN: 035-450-018

Pacific Coast Producers Inc. Ranch Land Application Area, Palermo  
APN: 027-200-075

Pacific Coast Producers Inc. Pheasant Club, Palermo  
APNs: 027-200-028; 027-200-040; 027-200-041; 027-200-042; 027-200-044

**Project sponsor's name and address**

Mona Shulman and Bill Scheurer  
631 N. Cluff Avenue  
Lodi, California 95241  
209-367-6271

**General plan designation**

Agriculture (AG)

**Zoning**

AG-40; Agriculture (40-acre minimum)

### **Description of project**

The PCP cannery produces canned fruit, including peaches, pears, and fruit cocktail (mixed fruit and single serve plastic bowls with fruit and syrup or fruit and gel combinations). PCP discharges variable quantities of process wastewater in accordance with Waste Discharge Requirements Order R5-2003-0045, adopted by the Central Valley Regional Water Quality Control Board on 14 March 2003. Wastewater discharged to the land application area is not to exceed rates of 650,000 gallons between 1 October and 15 November; 250,000 gallons between 16 November and 30 June; and 3 million gallons between 1 July and 30 September, based on a 30-day averaging period. The current land application site contains 309 acres of land to accommodate wastewater flows from the Oroville cannery. The proposed project would allow the following:

- The addition of up to 100 acres of the 400-acre Pheasant club for irrigation of process wastewater.

### **Surrounding land uses and settings**

Land surrounding the fruit processing cannery is zoned as follows:

- North – Single Family Residential (R1);
- East – Commercial light manufacturing (CLM);
- South – Industrial (M2); and
- West – CLM

Land surrounding the land application area is zoned as follows:

- North – 20 acre minimum Agriculture (AG-20) and Very Low Density Residential (VLDR);
- East – VLDR, 40 acre minimum Agriculture (AG-40), and AG-20;
- South – AG-40; and
- West – AG-40.

### **Other public agencies whose approval is required**

The Central Valley Regional Water Quality Control Board will act as the lead agency as it is preparing updated Waste Discharge Requirements (WDRs) to regulate the discharge of wastewater to land. No other agency approval is needed for the adoption of the WDRs.

## INTRODUCTION

This Initial Study provides the necessary California Environmental Quality Act (CEQA) documentation to support Pacific Coast Producers Incorporated (PCP) proposed expansion of the PCP process wastewater land application area located at the PCP Ranch on 2095 Alice Avenue in Palermo in Butte County (Figure 1). The Central Valley Regional Water Quality Control Board (Central Valley Water Board) will act as the lead agency in adoption of this Initial Study/Negative Declaration and Waste Discharge Requirements (WDRs).

### Project Description

PCP's existing operations consist of a fruit processing cannery, where process wastewater and storm water are transported to the PCP Ranch land application area near Palermo via a 6 ½ mile pipeline. The PCP cannery produces canned fruit, including peaches, pears, and fruit cocktail (mixed fruit and single serve plastic bowls, with fruit and syrup or fruit and gel combinations). PCP discharges variable quantities of process water in accordance with Waste Discharge Requirements Order R5-2003-0045, adopted by the Central Valley Regional Water Quality Control Board on 14 March 2003. Process wastewater is generated during fruit washing, equipment sanitation, and product transfers within the processing facility (via flumes and pumps). Solids are screened prior to discharging process wastewater to a sump and ultimately the conveyance line. During maintenance, process wastewater is discharged to the emergency pond.

Wastewater discharged to the land application area is not to exceed rates of 650,000 gallons between 1 October and 15 November; 250,000 gallons between 16 November and 30 June; and 3 million gallons between 1 July and 30 September, based on a 30-day averaging period. The current land application site contains 309 acres of land to accommodate wastewater flows from the Oroville cannery. The proposed project includes expanding the land application area to include 100 acres within the Pheasant Club for irrigation in areas approved by the Central Valley Water Board. The additional 100 acres of land application within the Pheasant Club include Field 10 and Field 12 and are located on APNs 027-200-040 and 027-200-041. Current and historical agricultural practices on Fields 10 and 12 include active farming with cultivation and harvesting of a variety of feed and fodder crops. The fields have also been used to spread solids from the cannery followed by disking into the soil.

The cannery is currently zoned CLM (Commercial Light Manufacturing) and the land application area is currently zoned AG-40 (Agriculture, 40-acre minimum).

The current land application area is divided into ten fields that are separated by levees, dikes, and roads, and plumbed together through a series of gates, culverts, and pumps. Various crops are grown in each field, including wetland vegetation, grasses, and forage crops. Irrigation methods also vary in each field, and include wheel line sprinkling, flood irrigation, and traveling gun sprinkling. During dry periods, when significant precipitation is not forecasted, process wastewater will be applied to fields 0 through 4 (approximately 129 acres). During rainy periods, all process wastewater will be applied to Fields 5A, 5B, 6, 7A, and 8 (approximately 158 acres). A 2.5 million gallon emergency storage pond is located in Field 9. The storage pond is used to manage storm water runoff from Fields 5A, 5B, 6, 7A, and 8, and to hold process wastewater during periods of heavy rainfall.

The current land application area is bordered by the South Feather Water and Power District canal along the southeast corner, Wyandotte Creek along the south, and an irrigation ditch along the west. The canal and the ditch drain to Wyandotte Creek. During the rainy season, storm water runoff from the land application area drains to the irrigation ditch located along the western boundary. Gate valves control discharge to the western irrigation ditch, and the Discharger manages the gate valves to prevent the discharge of storm water that has commingled with process wastewater. Solids from the canning operation are spread on soil in the Pheasant Club.

Waste application rates at the land application area shall not exceed the environmental conditions at the site. It is estimated that the land application area has the capacity to accept 330 lb/acre/year of total nitrogen. Average process wastewater characteristics from 2011-2015 are shown in Table 1. Loading rates are shown in Table 4.

Table 1. PCP Average Industrial Process Wastewater Characteristics from 2011-2015

Constituent	Units	Average	Range
Biological Oxygen Demand (5-day) (BOD)	mg/L	3156	55-6800
Chemical Oxygen Demand (COD)	mg/L	4000	710-8650
Electrical Conductivity (EC)	µmhos/cm	864	342-1635
Fixed Dissolved Solids (FDS)	mg/L	535	145-1395
Nitrate as N (NO <sub>3</sub> -N)	mg/L	0.25	0.05-1.05
pH	S.U.	6.3	4.5-8.7
Total Dissolved Solids (TDS)	mg/L	1978	370-5063
Total Kjeldahl Nitrogen (TKN)	mg/L	9.2	1-36
Total Suspended Solids (TSS)	mg/L	437	25-4530

### Groundwater

Groundwater is monitored on a semi-annual basis in wells MW-H, MW-1, MW-2, MW-3, and MW-4. Groundwater is first identified in these wells at approximately 20 to 30 feet below ground surface (bgs). The wells are located throughout the land application area as shown in Figure 2. Groundwater elevations show that monitoring well MW-1 is hydraulically upgradient, however, the most downgradient monitoring well cannot be determined due to varying groundwater elevations each year. Concentrations of some monitored constituents, including chemical oxygen demand and nitrate, are greater in some downgradient monitoring wells when compared to the upgradient monitoring well MW-1. Twice in MW-3, nitrate concentrations in groundwater have been measured above the State and Federal Primary Maximum Contaminant level of 10 mg/L (NO<sub>3</sub> as N), once in 2007 and once in 2008. However, the levels have not been consistent and may be reflective of regional influences. Average groundwater concentrations from 2004-2015 are shown in Table 2.

Table 2. Average Groundwater Quality from 2004-2015

Constituent	Units	MW-1 <sup>2</sup>	MW-2	MW-3	MW-4	MW-H	MCL
COD <sup>1</sup>	mg/L	3.4	3.7	3.9 <sup>6</sup>	2.7	4.5	-
EC	µmhos/cm	426	140	363	490	705	700 <sup>3</sup> , 900 <sup>4</sup>
FDS	mg/L	264	126	223	282	381	-
NO <sub>3</sub> -N <sup>1</sup>	mg/L	0.6	1.7	3.7	1.3	2.5	10 <sup>5</sup>
pH	S.U.	7.0	7.7	6.7	7.0	6.9	6.5-8.5 <sup>4</sup>
TDS	mg/L	304	146	259	309	470	450 <sup>3</sup> , 500 <sup>4</sup>
TKN <sup>1</sup>	mg/L	0.92	1.06	0.98	0.93	0.95	-

<sup>1</sup> For statistical calculations, non-detects were set equal to the reporting limit. The reporting limits of 20 mg/L COD reported in 2006 and 2008, and 5 mg/L TKN reported in 2014 were dismissed as outliers.

<sup>2</sup> Upgradient Well

<sup>3</sup> Agricultural Water Quality Goal

<sup>4</sup> Secondary Maximum Contaminant Level

<sup>5</sup> Primary Maximum Contaminant Level

<sup>6</sup> 50 mg/L COD reported in MW-3 in 2008 was dismissed as an outlier.

As a means to simply evaluate potential increasing trends of constituents of concern, the Central Valley Water Board has established groundwater triggers for each well based on monitoring data obtained from 2004 through 2015 in the revised WDRs. Groundwater triggers are equal to one standard deviation above the arithmetic mean or the Water Quality Objective for each trigger constituent, whichever is more restrictive. Table 3 lists the established triggers for each well. The triggers are not intended to act as groundwater limits, but as a basis for initiating further evaluation of potential impacts to groundwater from the land application of process wastewater.

The discharger is required to conduct an annual trigger assessment to determine if a trigger has been exceeded. A trigger exceedance assessment consists of comparing the annual average concentration for each trigger constituent in each well during the calendar year to the corresponding trigger concentration. If any trigger is exceeded, the discharger is required to do further evaluation.

The evaluation would determine if there is truly an increasing trend in the trigger constituent concentration over time. If the evaluation determines that there is an increasing trend in the trigger constituent, the discharger is required to perform a Pollutant Management Practices (PMP) evaluation to determine if best practices are still being implemented. If it is determined from the evaluation that treatment upgrades are necessary, the Discharger is required to

develop a work plan, including an implementation time schedule for review and approval by the Executive Officer.

Table 3. Groundwater Triggers

Constituent	Units	MW-1 <sup>1</sup>	MW-2	MW-3	MW-4	MW-H
COD <sup>2</sup>	mg/L	5.5	6.3	6.2 <sup>3</sup>	3.7	7.3
EC	µmhos/cm	476.7	176.4	488.0	554.9	748.8
FDS	mg/L	324.9	174.9	285.3	348.0	453.2
NO <sub>3</sub> -N <sup>3</sup>	mg/L	1.1	3.3	6.0	2.5	4.2
pH	S.U.	7.3	8.03	7.0	7.2	7.1
TDS	mg/L	338.4	175.2	342.8	401.1	505.0
TKN <sup>3</sup>	mg/L	1.3	1.9	1.7	1.4	1.5

<sup>1</sup> Upgradient Well

<sup>2</sup> For statistical calculations, non-detects were set equal to the reporting limit. The reporting limits of 20 mg/L COD reported in 2006 and 2008, and 5 mg/L TKN reported in 2014 were dismissed as outliers.

<sup>3</sup> 50 mg/L COD reported in MW-3 in 2008 was dismissed as an outlier.

### Monitoring Well History

The 1993 technical report, Summary of Soil Logging and Groundwater Quality, reports that monitoring wells A through C, and F were installed in 1974, but information regarding the well construction is not available. These wells are reportedly 10 feet deep. In November 1987, wells D and E were installed to 38 and 41 feet bgs with 4-inch PVC casing. In June 1994, monitoring wells G and H were installed to 40 feet deep, and are constructed using 2-inch diameter PVC casing. Four additional monitoring wells (MW-1 through MW-4) were constructed in May 2003, at depths of 43 feet bgs, 40 feet bgs, 32 feet bgs, and 40 feet bgs respectively. Depth to groundwater, in these wells, ranged from 15 to 40 feet below ground surface (99 to 110 feet MSL). MW-1 through MW-4 were installed in response to a directive from the Central Valley Water Board to characterize groundwater and determine groundwater quality upgradient and downgradient of the land application area. The Central Valley Water Board was specifically concerned by increased concentrations of nitrate and dissolved salts. Soils within the land application area consist of loam, fine sandy loam, and sandy loam. Permeability of these soils ranges from 2.5 to 5.0 inches per hour.

### Constituents of Concern

The primary constituents of concern that have the potential to cause groundwater degradation include, in part, organics, nutrients, and salts. Excessive application of high strength organic wastewater to land can create objectionable odors, soil conditions that are harmful to crops, and degradation of underlying groundwater with nitrogen species and metals. Such groundwater degradation can be prevented or minimized through implementation of best management

practices which include planting crops to take up plant nutrients and maximizing oxidation of BOD to prevent nuisance conditions.

### Proposed Expansion Nitrogen and Salt Loading Rates

The current site has 309 acres of irrigable land with a loading capacity of 330 lb/acre/year of total nitrogen. The proposed expansion would add 100 acres of irrigable land with a similar nitrogen loading capacity. The expansion to 409 irrigable acres would reduce the loading rates of all the constituents of concern. The average annual loading rates for each trigger constituent from 2011-2015 are listed in Table 4.

Table 4. Current and Anticipated Loading Rates

Constituent	Annual Application (lbs./year)	Current Loading Rate <sup>1</sup> (lbs./acre/year)	Expanded Loading Rate <sup>2</sup> (lbs./acre/year)
Biological Oxygen Demand (BOD)	3,984,859	12,896	9,743
Chemical Oxygen Demand (COD)	5,139,492	16,633	12,566
Fixed Dissolved Solids (FDS)	878,085	2,842	2,147
Nitrate as N (NO <sub>3</sub> )	141	<1	<1
Total Dissolved Solids (TDS)	2,485,596	8,044	6,077
Total Kjeldahl Nitrogen (TKN)	13,465	44	33
Total Nitrogen (TN)	13,600	44	33
Total Suspended Solids (TSS)	764,020	2,473	1,868

<sup>1</sup> Loading Rate calculated using the current 309 irrigable acres.

<sup>2</sup> Loading Rate calculated using the expanded 409 irrigable acres

### PURPOSE

This CEQA Initial Study addresses Pacific Coast Producers Inc.'s proposal to expand the PCP process wastewater land application area. The project area is shown on Figure 1.

Section 15063 of the CEQA Guidelines provides for preparation of Initial Studies. The purpose of an Initial Study is to:

1. Provide the lead agency with information to use as the basis for deciding whether to prepare an Environmental Impact Report (EIR) or Negative Declaration.
2. Enable an applicant or lead agency to modify a project, mitigating adverse impacts before an EIR is prepared, thereby enabling a project to qualify for a Negative Declaration.

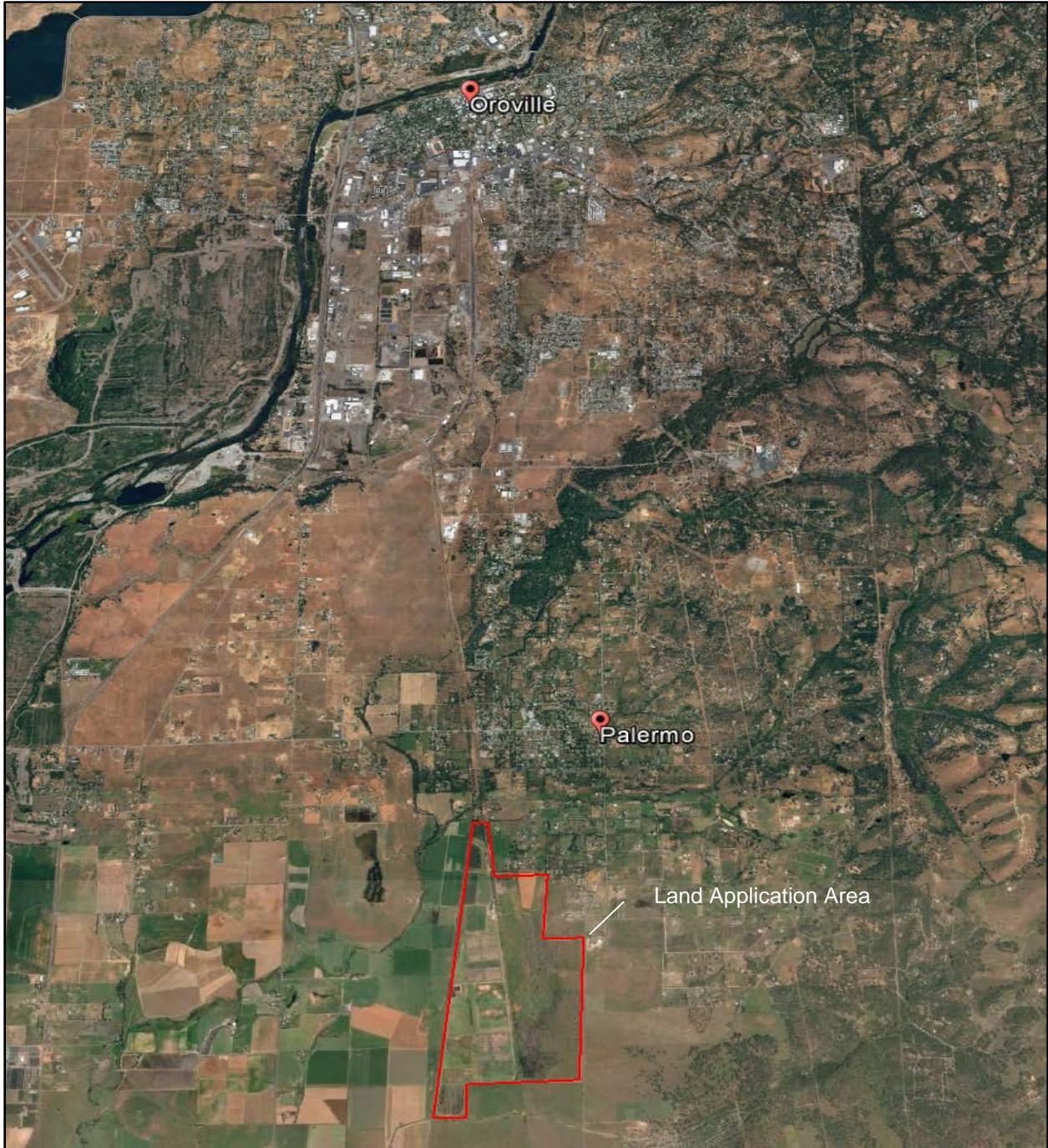
3. Assist in the preparation of an EIR, if one is required.
4. Facilitate environmental assessment early in the design of a project.
5. Provide documentation of the factual basis for the finding in a Negative Declaration that a project will not have a significant effect on the environment.
6. Eliminate unnecessary EIRs.
7. Determine whether a previously prepared EIR could be used with the project.

### **SOURCES**

The primary source of information for this Initial Study is the EDR NEPA Check Report, the Report of Waste Discharge, and supplemental data provided by Pacific Coast Producers Inc. and their environmental consultant Brown and Caldwell. The EDR NEPA Check Report, the Report of Waste Discharge, and the supplemental data are part of public record and are available for review at the Central Valley Water Board's Redding office.

Central Valley Regional Water Quality Control Board  
364 Knollcrest Drive, Suite 205  
Redding, California 96002  
530-224-4845  
Project Contact: Rebecca Tabor

**FIGURE 1 – LOCATION MAP**

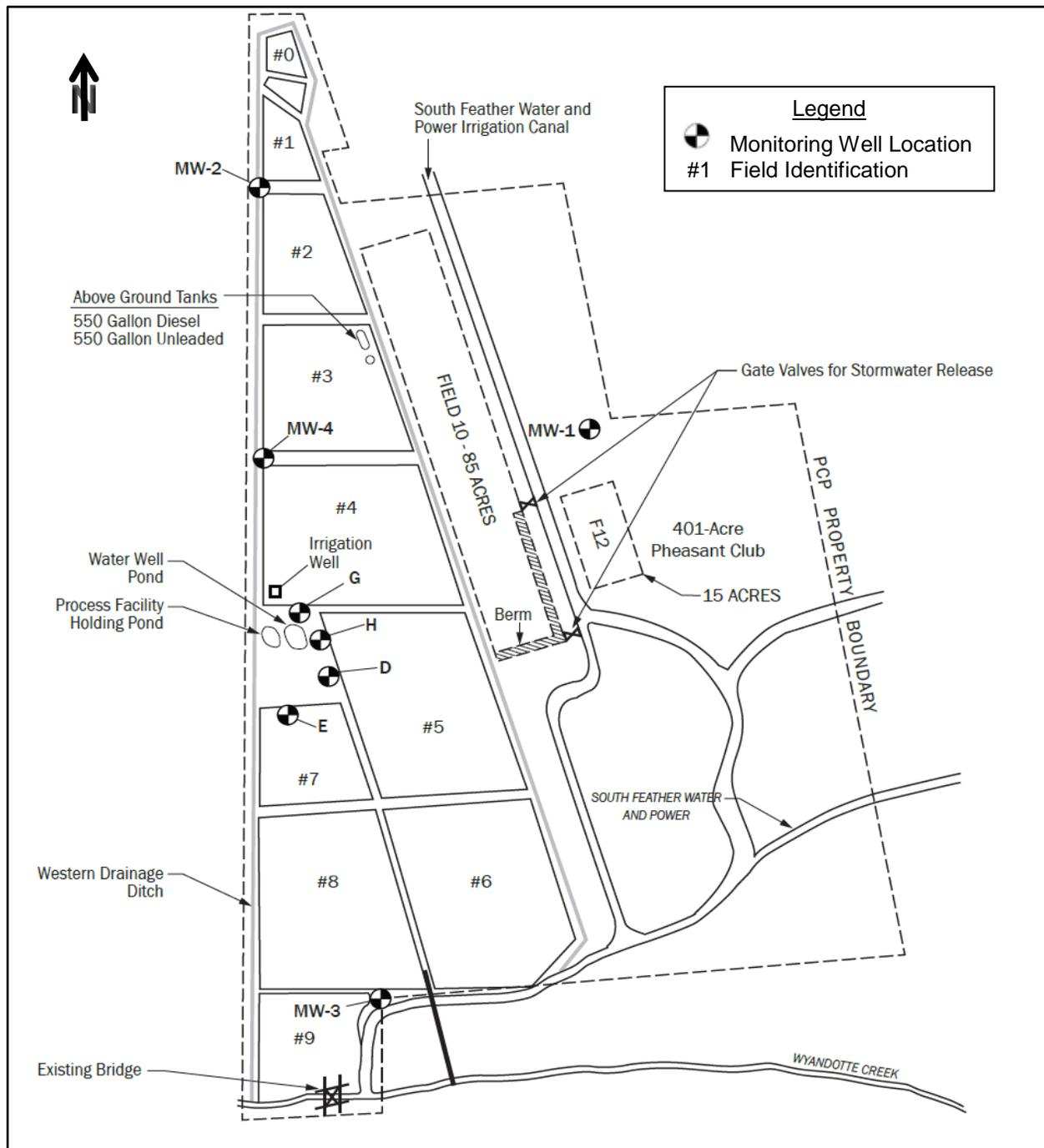


DRAWING REFERENCE:  
GOOGLE EARTH  
MAP DATA: © 2016 GOOGLE  
NO SCALE

**LOCATION MAP**

**PACIFIC COAST PRODUCERS INC.  
OROVILLE PROCESSING FACILITY AND  
PALERMO LAND APPLICATION AREA  
BUTTE COUNTY**

**FIGURE 2 – SITE MAP**



DRAWING REFERENCE:  
 BROWN AND CALDWELL  
 28 JULY 2016  
 SUPPLEMENTAL  
 INFORMATION ON ROWD  
 NO SCALE

SITE MAP  
 PACIFIC COAST PRODUCERS INC.  
 PALERMO LAND APPLICATION AREA  
 BUTTE COUNTY

## INITIAL STUDY CHECKLIST AND DISCUSSION

The following discussion provides an evaluation of the environmental factors listed in the environmental checklist form below, which may be potentially affected by the project. A brief explanation is provided for each factor in the order presented in the environmental checklist form. The initial study was prepared based on information presented in the April 2016 *Report of Waste Discharge and CEQA for Additional Land for Crop Irrigation, PCP Oroville Cannery*, prepared by Brown and Caldwell consulting engineers of Davis, California.

<b>I. Aesthetics</b>	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>
Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>

- I. a,b,d      The project would not affect a scenic vista, damage scenic resources, or create a new source of light or glare.
- I. c            The site will be planted with a variety of grasses, which would not diminish the visual quality of the site and is consistent with the agricultural nature of the surrounding areas.

## II. Agricultural Resources

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

II. a-c      The site will continue to be operated for agricultural uses, which is consistent with existing zoning (General Agriculture [Butte County, 2012]). A variety of crops, such as pasture grasses, will be grown as part of the project.

Crop management is a critical factor in operating and maintaining a land application system. Healthy and productive crops are required for removal of the nutrients and salts in process water. Much of the crop management is accomplished in the same way for land application sites as for conventional agricultural operations. The applied process water will meet a majority of the water and nutrient needs of the crop. Supplemental water and fertilizers will be added as required to maintain a healthy crop.

Daily monitoring of the land application area during the periods of irrigation will be conducted. Observations and descriptions of application activities will be submitted in monthly reports to the Regional Water Board as described in the ROWD.

### III. Air Quality

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

III. a-c The project would not conflict with the local air quality plan, violate any air quality standard, or result in a cumulatively considerable net increase of any criteria pollutant.

III. d-e The project should not expose sensitive receptors to substantial pollutant concentrations or create objectionable odors that will affect a substantial number of people. There are no known sensitive receptors within the vicinity of the land application area. WDRs issued by the Regional Water Board typically require that any objectionable odors originating at the land application site not be perceivable beyond the property boundaries.

Potential sources of nuisance odors include stagnant puddles of process water on the land application field (especially in hot weather) and saturation of the soil due to hydraulic overloading or insufficient drying times between process water applications. Odors can result from the anaerobic environment in standing or unmixed water. Onsite management measures will be incorporated into the project to minimize the potential for nuisance odors.

Process water will be applied to the land application areas at rates to allow the water to infiltrate within 48 hours, a requirement included in new WDRs. Minimum drying cycles determined by the expected hydraulic and organic loadings will maximize the oxygen transfer through the soil, leading to aerobic conditions and reducing the potential for odor issues.

Land application areas will be inspected daily during irrigation events. Monitoring observations will be documented for inclusion in annual monitoring reports submitted to the Regional Water Board. In addition, any relevant field conditions and corrective actions taken (e.g. pipe or berm repair) will be recorded. If standing

water or odors from the fields are observed, the rotation frequency of the irrigated subareas would be increased to reduce the time wastewater is applied to a given field, thereby minimizing soil saturation and reducing the potential for odors.

## IV. Biological Resources

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
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 Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations by the California Department of Fish and Game or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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"/>
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"/>
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"/>
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"/>

- IV. a,b,d-f The project would not substantially impact any sensitive or special status species, riparian habitats, sensitive natural communities, or interfere with the movement of native or migratory wildlife species. In addition, the project would not conflict with any local policies or ordinances protecting biological resources or adopted conservation plans. The proposed property is located in an area zoned for agricultural production. The EDR NEPA Check report summarized its findings from review of the California Endangered Species: Natural Diversity Database from the California Department of Fish and Game and the Endangered Species Protection Program Database from the US Environmental Protection Agency. No documented threatened or endangered species within one mile of the project site were reported by EDR.

IV.c            The project will not have a substantial adverse effect on federally protected wetlands.

## V. Cultural Resources

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

V. a-d      The project would not impact cultural resources. As shown in the EDR NEPA investigation there are no cultural resources, such as federal or state historic areas, scenic trails, or US Indian Reservations, within one mile of the project site.

VI. Geology and Soils		Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:					
a)	Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>
ii.	Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii.	Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv.	Landslides?				
b)	Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>

VI. a-d Because the project site is not in close proximity to a known fault, high ground shaking intensities from earthquakes are uncommon in the area and the risk of liquefaction is low. The project is located on relatively flat topography and stable soil, so is not susceptible to landslide hazards. Agricultural activities will introduce organic material and would not result in substantial soil erosion or loss of topsoil.

<b>VII. Hazards and Hazardous Materials</b>	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>
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"/>
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"/>
For a project within the vicinity of a private airstrip, 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"/>
Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VII. a-h      The project does not use hazardous materials or create hazardous wastes. The project site is not in the vicinity of an airport or adjacent to wildlands.

## VIII. Hydrology and Water Quality

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VIII. a,f      The total nitrogen content in the applied wastewater after treatment would be nearly non-detect and less than the crop uptake. Addition of supplementary

fertilizers may be necessary to ensure a healthy crop. The process water and land application operations will be monitored regularly as required by the WDRs to ensure that the process water can be safely applied to the land.

- VIII. c-e      The project will not substantially alter the existing drainage pattern of the site or cause substantial erosion or surface runoff. The project will also not create runoff water exceeding the capacity of the existing stormwater drainage systems. The potential for soil erosion and flooding at the site will be minimized through storage of the process water generated during the wet months. This allows irrigation to match the agronomic demand of the crops. Normal-year and 100-year rainfall water balances were performed to demonstrate that the process flow rates would not exceed the capacity of the land. The project site will be divided into management units for better control of irrigation and harvesting practices.

Stormwater runoff from the facility site is collected and land applied to the fields.

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## IX. Land Use and Planning

Would this project:

a) Physically divide an established community?

Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Conflict with any applicable habitat conservation plan or natural community conservation plan?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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IX. a-c

The project will not divide an established community or conflict with a land use plan or a habitat conservation plan. The project consists of reusing process water through crop irrigation, which is consistent with the agricultural practices of the neighboring areas.

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## X. Mineral Resources

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
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 type="checkbox"/>	<input checked="" type="checkbox"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>

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IX. a,b The project would not involve the loss of a mineral resource.

<b>XI. Noise</b>		Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:					
a)	Exposure of persons to or generation of noise levels 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 type="checkbox"/>	<input checked="" type="checkbox"/>
	Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	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 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"/>
	For a project within the vicinity of a private airstrip, 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"/>

- XI. a-d      There would be no substantial permanent noise issues associated with operation of the proposed project. Noise associated with farming equipment used to harvest crops would produce a temporary increase in ambient noise levels. However, there would be no increase over baseline conditions, which include normal harvesting in the area.
- XI. e,f      The project is not within an airport land use plan or in the vicinity of a private airstrip.

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## XII. Population and Housing

Would this project:

a) 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)?

Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

XII. a-c      The project would not induce substantial population growth, either directly or indirectly, or displace substantial numbers of people or existing housing.

### XIII. Public Services

Would this project:

a) 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:

Fire protection?

Police protection?

Schools?

Parks?

Other public facilities?

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIII. a      The project would not result in the need for new or physically altered governmental facilities. The project will not discharge to the community sewers or storm drains and therefore, will not impact public utilities. Stormwater runoff on the Ranch land will be applied to the land application area for agricultural reuse. Sanitary wastewater will be treated by the onsite septic system and leach fields.

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## XIV. Recreation

Would this project:

a) 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?

Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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?

XIV. a,b      The project would not include or require the construction or expansion of existing recreational facilities, or affect the use of existing recreational facilities.

<b>XV. Transportation/Traffic</b>	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location, that result in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XV. a-g      The project would not cause an increase in traffic or a change air traffic patterns. The project would also not result in inadequate parking capacity or conflict with adopted policies, plans, or programs supporting alternative transportation.

<b>XVI. Utilities and Service Systems</b>		Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:					
a)	Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	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 type="checkbox"/>	<input checked="" type="checkbox"/>
	Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XVI. a PCP submitted a ROWD to the Regional Water Board for the land application of process water at the project site. A monitoring program for the irrigation operations will be adopted to ensure that the compliance limits are met.

XVI. b-g The project would not impact or require construction or expansion of the water, wastewater, stormwater, or solid waste facilities. Fresh water for the facility is supplied by one onsite groundwater well. The wastewater will be land applied based on the irrigation schedule and field conditions. Solids screened from the process water will be used as a livestock feed or soil amendment. Sanitary wastes will be treated by the onsite septic system and leachfields. Stormwater generated by the project will not be discharged to stormwater facilities

## XVII. Mandatory Findings of Significance

	Potentially Significant Impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would this project:				
a) 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"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>
Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- XVII. a      The potential of the project to degrade the water quality of the underlying groundwater is low due to the characteristics of the wastewater and the conditions and prohibitions implemented through the WDRs. The monitoring program that will be adopted for PCP for the land application operations will ensure that the compliance limits set by the Regional Water Board in the WDRs are met.
- XVII. b,c    The project does not have cumulatively considerable impacts or environmental effects that will cause substantial adverse effects on human beings.

## ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project:

<input type="checkbox"/> Aesthetics	<input type="checkbox"/> Mineral Resources
<input type="checkbox"/> Agricultural Resources	<input type="checkbox"/> Noise
<input checked="" type="checkbox"/> Air Quality	<input type="checkbox"/> Population and Housing
<input checked="" type="checkbox"/> Biological Resources	<input type="checkbox"/> Public Services
<input type="checkbox"/> Cultural Resources	<input type="checkbox"/> Recreation
<input type="checkbox"/> Geology and Soils	<input type="checkbox"/> Transportation/Traffic
<input type="checkbox"/> Hazards and Hazardous Materials	<input checked="" type="checkbox"/> Utilities and Service Systems
<input checked="" type="checkbox"/> Hydrology and Water Quality	<input checked="" type="checkbox"/> Mandatory Findings of Significance
<input type="checkbox"/> Land Use and Planning	

### DETERMINATION

On the basis of this initial evaluation:

- I find that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- 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.
- I find that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.
- 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.
- 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.

ORIGINAL SIGNED BY

24 February 2017

Signature

Date

Bryan Smith, Supervising Water Resource Control Engineer

Printed Name

Pacific Coast Producers Inc.- Palermo Land Application Area Expansion

CEQA Initial Study/Negative Declaration

Page I

## **ATTACHMENT A – NATIVE AMERICAN CONTACT LIST**

Enterprise Rancheria of Estom Yumeka Maidu  
2133 Monte Vista Ave  
Oroville, CA 95966

Tyme Maidu Tribe – Berry Creek Rancheria  
5 Tyme Way  
Oroville, CA 95966

Mooretown Rancheria of Maidu Indians  
1 Alverda Drive  
Oroville, CA 95966

Mechoopda Indian Tribe  
125 Mission Ranch Blvd.  
Chico, CA 95926

## ATTACHMENT B – PUBLIC COMMENTS