

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

INITIAL ENVIRONMENTAL STUDY

AND

NEGATIVE DECLARATION

FOR

PRIMA BELLA PRODUCE, INC. AND MARK BACCHETTI  
PRIMA BELLA FOOD PROCESSING FACILITY  
SAN JOAQUIN COUNTY

MARCH 2012

**CONTENTS**

- SECTION I - Project Description  
SECTION II - Initial Study with Environmental Checklist  
SECTION III - Negative Declaration

<u>Figure</u>	<u>Title</u>	<u>Follows Page</u>
Figure 1	- Site Location Map	Section II
Figure 2	- Processing Facility Site Plan	Section II

## SECTION I

### PROJECT DESCRIPTION

#### **Project Title**

PRIMA BELLA PRODUCE, INC. AND MARK BACCHETTI  
PRIMA BELLA FOOD PROCESSING FACILITY  
SAN JOAQUIN COUNTY

#### **Project Description**

The project is expansion of an existing food processing facility wastewater management system that occurred in 2008. The facility was operating without waste discharge requirements (WDRs). Prior to adoption of WDRs to regulate the wastewater discharge, a review of the project's potential environmental impacts is required pursuant to the California Environmental Quality Act (CEQA).

The Prima Bella food processing facility has operated at the site and presumably discharged process wastewater since the early 1970s. The facility has never had WDRs and the owner applied to the Central Valley Water Board for WDRs for the wastewater discharge. The facility does not have a County issued use permit because one was not required at the time the facility was built; no CEQA review has ever been done. The San Joaquin County Community Development Department considers the facility to be grandfathered. However, the Community Development Department has listed the facility as one that requires a Use Permit and CEQA review prior to any expansion in building square footage.

The project described herein does not involve any expansion of buildings. San Joaquin County issued building permits for the recent facility improvements, including construction of a lined wastewater pond, but those permits were ministerial because the modifications did not involve any building square footage increase. Therefore, the Central Valley Water Board will be the lead agency for any CEQA review that is required to support adoption of WDRs. The facility owner submitted an Initial Study Checklist, which is incorporated into this Initial Study.

The project under review is the construction of a wastewater pond, expansion of the existing wastewater land application area (LAA), constructing an irrigation ditch to convey supplemental irrigation water, associated wastewater conveyance improvements, and the discharge of wastewater to land. The facility is operated by Prima Bella Produce, Inc. Mark Bacchetti owns the land where the facility and land application area are located.

Prima Bella Produce, Inc. processes corn from June through October. Processing consists of conveyance, washing, trimming, and husking. Wastewater contains moderate concentrations of biochemical oxygen demand (BOD) and fixed dissolved solids (FDS). Wastewater is collected in the facility, screened, and discharged to a wastewater pond equipped with a synthetic liner. The pond is divided into a mechanically aerated treatment cell and a storage cell. The pond provides adequate storage capacity to store wastewater during the winter months; however, winter application is not prohibited if needed and consistent with the WDRs.

Wastewater is applied to a 16.3-acre land application area (LAA) cropped with grass, hay, or similar crop. Nitrogen will be taken up by the crop and the BOD will be transformed by soil microorganisms. Wastewater will typically be applied by sprinkler irrigation. Supplemental

irrigation water will be provided by the Independent Mutual Water Company and may be applied by sprinkler or flood irrigation. Excess irrigation water (tailwater) will be collected in a tailwater pond and reapplied to the LAA or returned to the wastewater pond. No discharge of wastewater to surface water will occur.

**Lead Agency**

California Regional Water Quality Control Board, Central Valley Region

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## SECTION II

### INITIAL STUDY WITH ENVIRONMENTAL CHECKLIST

#### 1.0 INTRODUCTION

The project is the construction of a wastewater pond, expansion of the land application area (LAA), construction of an irrigation ditch, associated wastewater conveyance improvements, and discharge of wastewater to land. The improvements have already been constructed, and this evaluation is being performed to support adoption of WDRs for the discharge of wastewater to land.

#### Background

The facility is located in Tracy and consists of an office, warehouse, processing facilities, paved parking areas, a wastewater pond, and an LAA. Activities at the facility include receiving, washing, and packaging fresh corn for commercial sale. Food processing wastewater is generated during corn processing, and equipment and floor cleaning. No domestic wastewater enters the process wastewater system.

The wastewater generation rate varies through the year based on processing activity. In 2010, when the facility operated year round, monthly totals varied from approximately 260,000 to 1,821,000 gallons per month. Wastewater is screened to remove gross solids, and then discharged to a sump before being pumped to the wastewater pond. In addition to the facility wastewater, stormwater collected from paved areas and roof down-spouts is mixed with wastewater at the sump. The wastewater pond is equipped with a geosynthetic (plastic) liner and provides approximately 4.5 million gallons of storage capacity.

Wastewater is applied to a cropped 16.3-acre LAA. Because wastewater is not sufficient to meet the crop irrigation needs from June through August, supplemental irrigation water is applied. Crops will be cut and removed from the LAA. Crop harvest will remove the nitrogen and dissolved solids that are taken up by the crop. Supplemental water is provided by the Independent Mutual Water Company; the source water is Old River.

Food processing related solid waste is transported offsite for animal feed. Approximately 84 tons/day of solids are generated during peak processing activities.

#### Environmental Setting

Prima Bella Produce, Inc. is located north of the City of Tracy as shown on Figure 1. Land use in the vicinity consists primarily of agricultural uses. All portions of the facility are within the 100-year flood plain. The top of the wastewater pond berm is two feet above the 100-year flood elevation. The facility plan is shown on Figure 2.

Domestic waste is discharged to a septic tank and leachfield system regulated by the San Joaquin County Department of Public Health.

## Purpose of the Initial Study

The purpose of this Initial Study is to:

1. Disclose and analyze potential environmental impacts associated with the proposed project.
2. Determine whether an Environmental Impact Report (EIR) is required.
3. Determine what mitigation measures, if any, are necessary.
4. Provide the necessary California Environmental Quality Act (CEQA) documentation.

## 2.0 PROJECT DESCRIPTION

### Proposed Land Application Area

The facility's Assessor Parcel Number is 212-130-019. The parcel contains the entire facility including the processing areas and LAA. The LAA consists of 16.3 acres and is characterized by flat topography. Because wastewater will typically be sprinkler applied, little tailwater generation is expected. Supplemental irrigation water applied by flood irrigation may generate more tailwater.

Shallow soils at the LAA consist of silty clay loam with low permeability. The groundwater table is encountered at approximately 7 feet below the ground surface.

### Baseline Groundwater Conditions

Process water is provided by an onsite supply well, which is shown on Figure 2. The well depth is 231 feet below ground surface (bgs) and is screened from 201 to 231 feet bgs below an aquitard that exists from approximately 94 to 199 feet bgs. Groundwater quality has been tested and the data are presented below. In general, the supply well water quality is good.

<u>Constituent</u>	<u>Units</u>	<u>2006</u>	<u>2009</u>	<u>2010</u>
pH	s.u.	8.0	7.7	7.9
Alkalinity as CaCO <sub>3</sub>	mg/L	120	110	110
Total Hardness	mg/L	162	NA	NA
Biochemical Oxygen Demand	mg/L	NA	1.0	1.0
Boron	mg/L	0.67	0.6	0.6
Chloride	mg/L	50	50	53
Sodium	mg/L	74	70	69
Sulfate	mg/L	120	118	124
Fixed Dissolved Solids	mg/L	NA	330	250
Ammonia as N	mg/L	NA	0.1	0.7
Nitrate as Nitrogen	mg/L	1.6	1.8	1.9
Total Kjeldahl Nitrogen	mg/L	NA	0.5	0.5
Total Nitrogen	mg/L	NA	2.0	1.9

NA denotes Not Analyzed.

Shallow groundwater quality at the site was characterized by collecting grab groundwater samples from five hand augered soil borings. The shallow groundwater sampling locations are shown on Figure 2. Groundwater is encountered approximately 6-7 feet bgs. Based on

investigations at nearby sites<sup>1</sup>, shallow groundwater likely flows to the north-northeast towards Old River.

Groundwater samples were filtered using a 0.45-micron filter prior to digestion and analysis. The groundwater quality data is summarized below:

<u>Sample ID</u>	<u>Units</u>	<u>PB AB-1</u>	<u>AB-1</u>	<u>HAB-1</u>	<u>HAB-2</u>	<u>HAB-3</u>
Sample Date		2/28/07	3/9/07	6/27/07	6/27/07	6/27/07
Depth to water	ft	7.00	7.50	NA	NA	NA
Chloride	mg/L	820	670	830	280	1,300
Nitrate	mg/L	240	300	600	160	86
Sulfate	mg/L	NA	NA	700	230	870
pH	s.u.	7.6	7.4	6.9	6.8	6.9
Electrical Conductivity	umhos/cm	6,100	5,200	4,520	1,800	5,580
Total Dissolved Solids	mg/L	3,600	3,600	3,700	1,400	4,900
Fixed Dissolved Solids <sup>1</sup>	mg/L	2,412 <sup>1</sup>	2,412 <sup>1</sup>	2,479 <sup>1</sup>	938 <sup>1</sup>	3,283 <sup>1</sup>
Boron	ug/L	NA	NA	<1,000	510	<1,000
Trihalomethanes	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5

<sup>1</sup> Fixed Dissolved Solids values were estimated with the following ratio: 1 umho/cm<sub>EC</sub> = 0.67 mg/L<sub>FDS</sub>

In general, the shallow groundwater is poor quality with high nitrate and dissolved solids concentrations. The sample from Boring HAB-2 contained the best groundwater quality. However, groundwater in that area may be influenced by the nearby irrigation canal which leaks better quality water into the subsurface. Based on HAB-3, shallow groundwater quality upgradient of the site has likely been degraded by long term agricultural practices.

### Site Improvements

As previously described, the site improvements (construction of new wastewater pond, an irrigation ditch, associated conveyance improvements, and expansion of the land application area) have already been completed and have been in use since 2008. The San Joaquin County Community Development Department determined the improvements did not require discretionary approvals.

### Operations

Based on data presented in the RWD and voluntarily prepared monitoring reports, wastewater discharged to the land application areas is characterized as follows:

<u>Constituent</u>	<u>Units</u>	<u>Pretreatment</u>	<u>Post Treatment</u>	
<u>Sample Date</u>	-	<u>6/19/2007</u>	<u>2009</u>	<u>2010</u>
pH	s.u.	6.0	8.3	8.3
Alkalinity Total (as CaCO <sub>3</sub> )	mg/L	NA	260	140
Biochemical Oxygen Demand	mg/L	1,300	68	66
Boron	ug/L	530	1	0.5
<i>Disinfection Byproducts</i>				
Bromodichloromethane	ug/L	<0.5	NA	NA

<sup>1</sup> Spreckles Sugar Company, 20500 Holly Drive, Tracy; Frontier Transport, 425 Larch Road, Tracy; Shell #204-7804-0001 3725 N. Tracy Blvd., Tracy.

Constituent <u>Sample Date</u>	<u>Units</u>	<u>Pretreatment</u>	<u>Post Treatment</u>	
		<u>6/19/2007</u>	<u>2009</u>	<u>2010</u>
Bromoform	ug/L	<0.5	NA	NA
Chloroform	ug/L	<0.5	NA	NA
Dibromochloromethane	ug/L	<0.5	NA	NA
Chlorate	mg/L	0.64	NA	NA
Chlorite	mg/L	<0.2	NA	NA
Calcium	mg/L	34	58	41
Chloride	mg/L	72	109	105
Electrical Conductivity	umhos/cm	2,390	1,215	976
Fixed Dissolved Solids	mg/L	430	595	330
Total Dissolved Solids	mg/L	1,300	775	540
Iron	ug/L	2,000	5.1	2
Magnesium	mg/L	17	31	25
Manganese	ug/L	180	NA	NA
Phosphorus	mg/L	NA	16	4
Potassium	mg/L	75	43	15
Residual Chlorine	mg/L	<0.02	NA	NA
Sodium	mg/L	47	105	74
Sulfate	mg/L	100	113	97
Ammonia as Nitrogen	mg/L	<0.2	1.6	2.4
Nitrate as Nitrogen	mg/L	0.1	0.1	0
Total Kjeldahl Nitrogen	mg/L	1.2	17	6
Total Nitrogen	mg/L	1.3	17	6
Total Organic Carbon	mg/L	690	NA	NA
Total Phosphorous	mg/L	6	NA	NA
Total Suspended Solids	mg/L	550	217	254

The LAA is divided into irrigation checks, allowing each check to rest between wastewater applications. The Discharger submitted a water balance that indicates there will be adequate land disposal and storage capacity to accommodate the proposed monthly flow rates without over-irrigation and at reasonable nutrient loading rates.

#### BOD Loading Rate

According to *Pollution Abatement in the Fruit and Vegetable Industry*, published by the United States Environmental Protection Agency (US EPA Publication No. 625/3-77-0007) (hereafter *Pollution Abatement*), in applying food-processing wastewater to land for biological treatment, the loading of BOD<sub>5</sub> should not exceed 100 lbs/acre/day (average) to prevent nuisance odors. BOD application rates can be controlled through varying the application cycles and/or treating the wastewater to reduce the BOD concentration before application.

Nuisance odors are unlikely to be caused by the wastewater due to the relatively low concentration of BOD in the treated wastewater. In addition, the treatment cell is equipped with mechanical aerators to maintain adequate dissolved oxygen in the wastewater. BOD loading rates in the LAA are unlikely to be high enough to cause odors; for example, using 70 mg/L as the value of BOD, and assuming 200,000 gallons of wastewater is applied, only 117 pounds of BOD would be applied. (The actual loading rate is expected to be much lower, with wastewater flow rates expected to be less than 100,000 gpd on average.) If the LAA irrigation check

consists of at least 2 acres, the loading rate will be 58.5 lbs/ac/day. In general, loading rates less than 100 lbs/ac/day are unlikely to cause nuisance odors.

#### Dissolved Solids Loading Rate

TDS is composed of both Volatile Dissolved Solids (VDS) and FDS. The proportion of VDS to FDS in wastewater varies with the source, but 50-percent of the TDS in food processing wastewater may be in the volatile form. The VDS can be biologically treated by soil microorganisms in a well-managed wastewater treatment and land application system when wastewater is not over-applied.

Dissolved solids such as sodium and chloride are not degraded in land treatment systems. However, most soils have some capacity to attenuate cations such as sodium but once that capacity is exceeded, the cations pass through the soil column with percolating water. Leaching salinity from soil is performed to limit the amount of salt in the root zone, because excessive salinity can affect crop growth. However, excess leaching of salinity can degrade groundwater quality.

FDS is present in both the facility wastewater and the supplemental irrigation water. The FDS loading rates are described below:

1. In wastewater, the estimated FDS concentration is approximately 430 mg/L. Based on a flow rate of 11.4 million gallons per year (mgy), approximately 40,687 pounds/year of FDS will be applied to the LAA (2,496 lbs/ac/year).
2. In supplemental irrigation water, the estimated FDS concentration is approximately 320 mg/L. Based on the flow rate, approximately 12,435 pounds/year of FDS will be applied to the LAA (763 lbs/ac/year).
3. The total FDS loading rate (from both wastewater and supplemental irrigation water) is approximately 3,259 lbs/ac/year. It is anticipated that cropping will take up approximately 700 to 1,000 lbs/ac/year of dissolved solids.

Based on the flow-weighted average of applied wastewater and supplemental irrigation water FDS concentration (398 mg/L), the discharge water quality is substantially better than the underlying groundwater quality which averages 3,440 mg/L. Therefore, the discharge is unlikely to cause groundwater degradation with respect to FDS.

#### Nitrogen Loading Rate

Nitrogen is present in both the wastewater and in the supplemental irrigation water. The estimated nitrogen concentration in wastewater is approximately 2.6 mg/L. Based on the flow rate, approximately 246 pounds/year of total nitrogen will be applied to the LAA (15 lbs/ac/year). The estimated nitrogen concentration in supplemental irrigation water is 6.0 mg/L. Based on the flow rate, approximately 233 lbs/year will be applied to the LAA (14.3 lbs/ac/year).

The approximate total nitrogen loading rate is 29.4 lbs/ac/year. The mixture of orchard grass, rye grass, and fescue hay crop grown in the LAA will take up approximately 300 pounds per acre of nitrogen. Due to the nitrogen deficiency, additional nitrogen may be required to support crop health.

### **3.0 DETERMINATION OF PROBABLE ENVIRONMENTAL EFFECTS**

The Environmental Checklist (Appendix G of the CEQA Guidelines) follows this page.

### **4.0 REFERENCES**

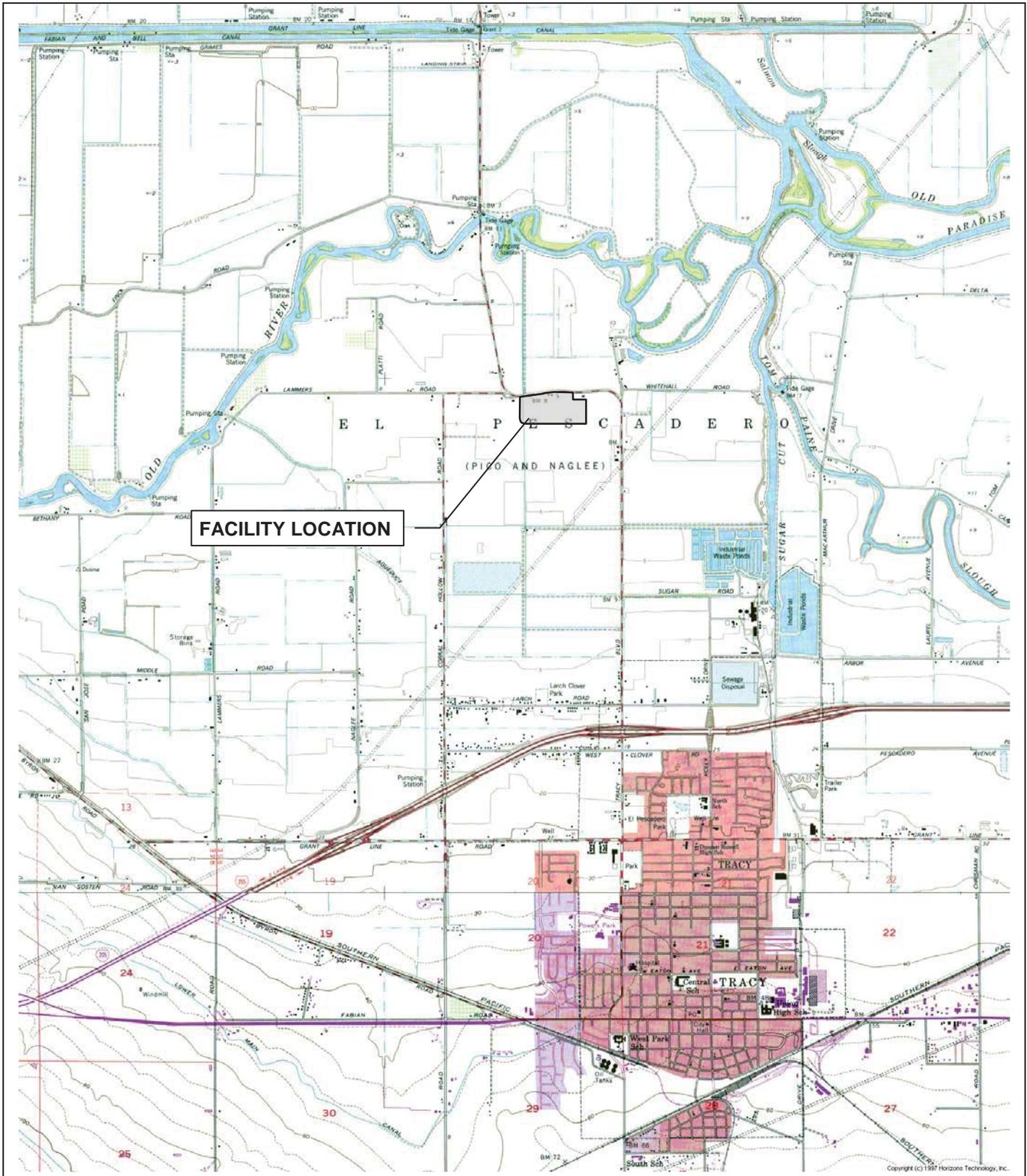
Brown and Caldwell, *CEQA Initial Study, Prima Bella Produce, Inc.*, 17 September 2007.

Brown and Caldwell, *2009 Annual Monitoring Report, Prima Bella Produce*, 17 May 2010.

Dellavalle Laboratory, Inc., *2010 Annual Report, Prima Bella Produce*, 6 April 2011.

Brown and Caldwell, *Report of Waste Discharge, Prima Bella Produce*, 7 September 2007.

U.S. EPA, *Pollution Abatement in the Fruit and Vegetable Industry*, July 1977.



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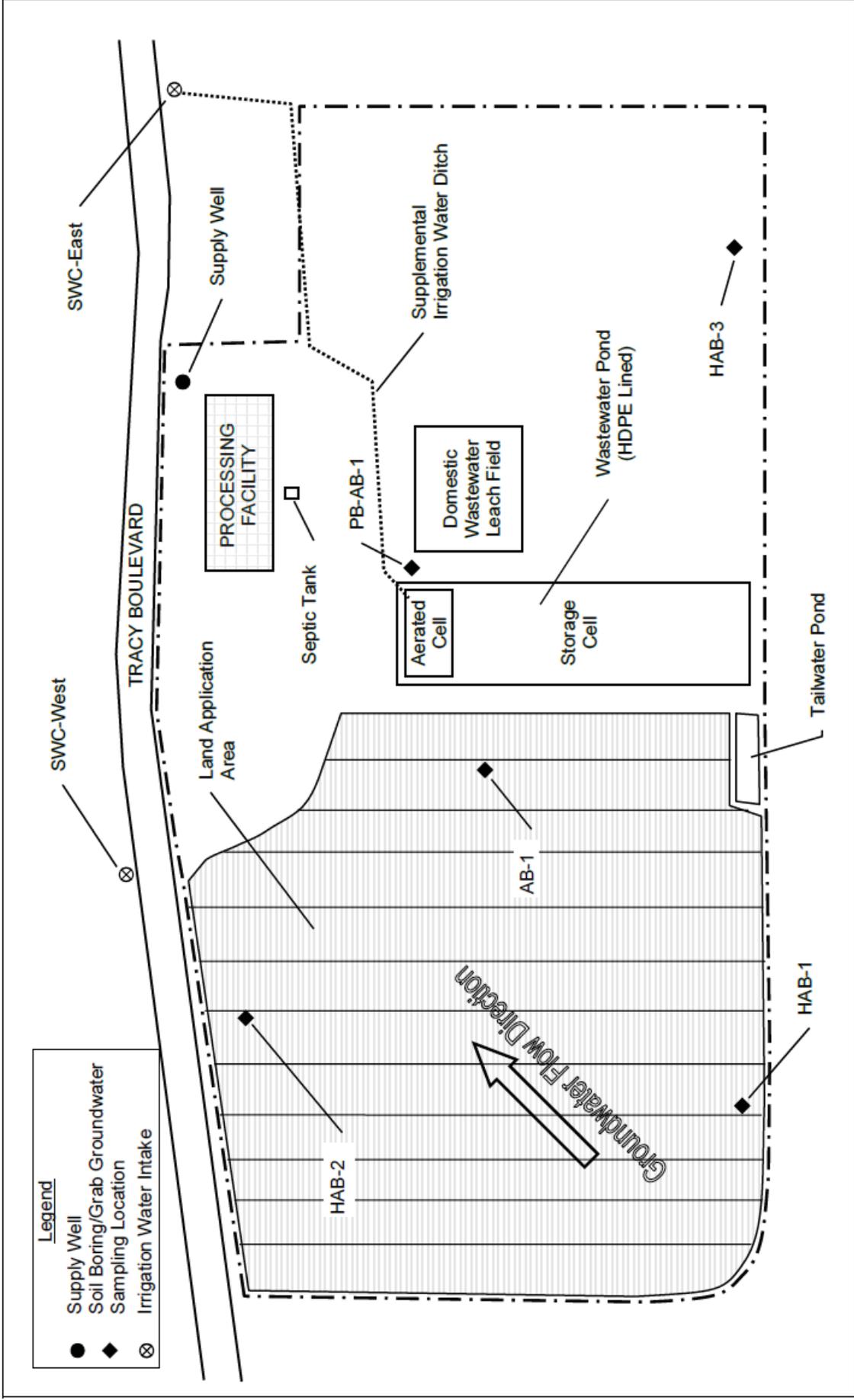
Drawing Reference:  
 U.S.G.S.  
 Tracy And Union Island  
 7.5 Minute Quads

**FIGURE 1 FACILITY LOCATION**

PRIMA BELLA PRODUCE, INC. AND MARK BACCHETTI  
 PRIMA BELLA FOOD PROCESSING FACILITY  
 SAN JOAQUIN COUNTY



1 in. = 4,200 ft.

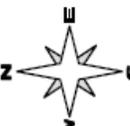


- Legend**
- Supply Well
  - ◆ Soil Boring/Grab Groundwater Sampling Location
  - ⊗ Irrigation Water Intake

**FIGURE 2**  
 PRIMA BELLA PRODUCE AND MR. MARK BACCCHETTI  
 11104 TRACY BOULEVARD, TRACY  
 SAN JOAQUIN COUNTY

Drawing Reference:  
 Modified from RWD, Figure 2-3  
 10 September 2007  
 Brown and Caldwell Consultants

Scale  
 1 in = 200 ft.



## CEQA INITIAL STUDY

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Prepared for  
Prima Bella Produce, Inc., Tracy, CA  
September 17, 2007

# CEQA INITIAL STUDY

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Prepared for  
Prima Bella Produce, Inc., Tracy, CA  
September 17, 2007

**BROWN AND CALDWELL**

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## TABLE OF CONTENTS

---

1. INTRODUCTION.....	1-1
Purpose.....	1-1
Background.....	1-1
Sources.....	1-2
2. DISCUSSION OF ENVIRONMENTAL CHECKLIST.....	2-1
I. Aesthetics.....	2-1
II. Agricultural Resources.....	2-2
III. Air Quality.....	2-3
IV. Biological Resources.....	2-4
V. Cultural Resources.....	2-5
VI. Geology and Soils.....	2-6
VII. Hazards and Hazardous Materials.....	2-7
VIII. Hydrology and Water Quality.....	2-8
IX. Land Use and Planning.....	2-11
X. Mineral Resources.....	2-11
XI. Noise.....	2-12
XII. Population and Housing.....	2-13
XIII. Public Services.....	2-13
XIV. Recreation.....	2-14
XV. Transportation/Traffic.....	2-14
XVI. Utilities and Service Systems.....	2-15
XVII. Mandatory Findings of Significance.....	2-16
REFERENCES.....	1
APPENDIX A.....	A
Environmental Data Resources Inc. – NEPA Check.....	A
APPENDIX B.....	B
Environmental Checklist Form.....	B

## LIST OF FIGURES

---

Figure 1. Project Investigation Area.....	1-3
Figure 2. Site Map.....	1-4
Figure 3. 100-year Floodplain Boundaries.....	2-10

# CEQA INITIAL STUDY

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## 1. INTRODUCTION

### Purpose

The purpose of this initial study is to provide the necessary California Environmental Quality Act (CEQA) documentation to support the land application of process water and construction of a storage pond by Prima Bella Produce, Inc. (PBP). The Regional Water Quality Control Board (RWQCB) will act as the lead agency in adoption of this initial study and in the issuance of new Waste Discharge Requirements (WDRs). PBP submitted, under separate cover, a Report of Waste Discharge (ROWD) requesting new WDRs from the RWQCB.

This CEQA initial study addresses the operation and management of the proposed land application system. A National Environmental Protection Act (NEPA) search was conducted by Environmental Data Resources Incorporated (EDR) to provide information for determining whether the proposed process water reuse operations would have significant environmental effects on the project site. The NEPA investigation area is shown in Figure 1 and the EDR NEPA Check report is included in Appendix A.

Guidelines for preparing this initial study were provided in Chapter 3, Division 6, Title 14 of the California Code of Regulations (State CEQA Guidelines). The purposes of an initial study include:

- Providing the lead agency with information to use as the basis for deciding whether to prepare an environmental impact report (EIR) or negative declaration.
- Facilitating environmental assessment early in the design of a project.
- Providing documentation of the factual basis for finding in a negative declaration that a project will not have a significant effect on the environment.

### Background

PBP operates a fresh corn processing plant in Tracy, California. The PBP facility currently applies process water onto a field owned by Mr. Mark Bacchetti, President of PBP, and operated by PBP. PBP has plans to expand irrigation at the land application site from 8 acres to 16.3 acres and to construct a 5 million gallon (MG) aerated pond in 2007 to provide treatment and winter storage of the process water. Wastewater is generated throughout the year from the corn processing operations and from equipment cleaning. The screened process water and stormwater runoff collected at the facility will be commingled and discharged into the treatment cell of the pond and then into the storage cell, where the water will be pumped into the sprinkler irrigation system. The project site, including the processing plant, storage pond, and land application area, is shown in Figure 2.

Process water from the corn operations will be reused for crop irrigation. Supplemental irrigation water provided by the Independent Mutual Water Company will be blended with the process water to meet the crop water requirements. An irrigation ditch will be constructed along the northern edge of the field to convey water from the irrigation district pipeline to the storage pond. Monitoring of the flowrates and irrigated areas will be done to calculate mass balances to demonstrate that the quantity of water and organic material applied will not exceed the capacity of the land. Planting and harvesting will be scheduled to allow continual irrigation on portions of the site during the harvesting periods.

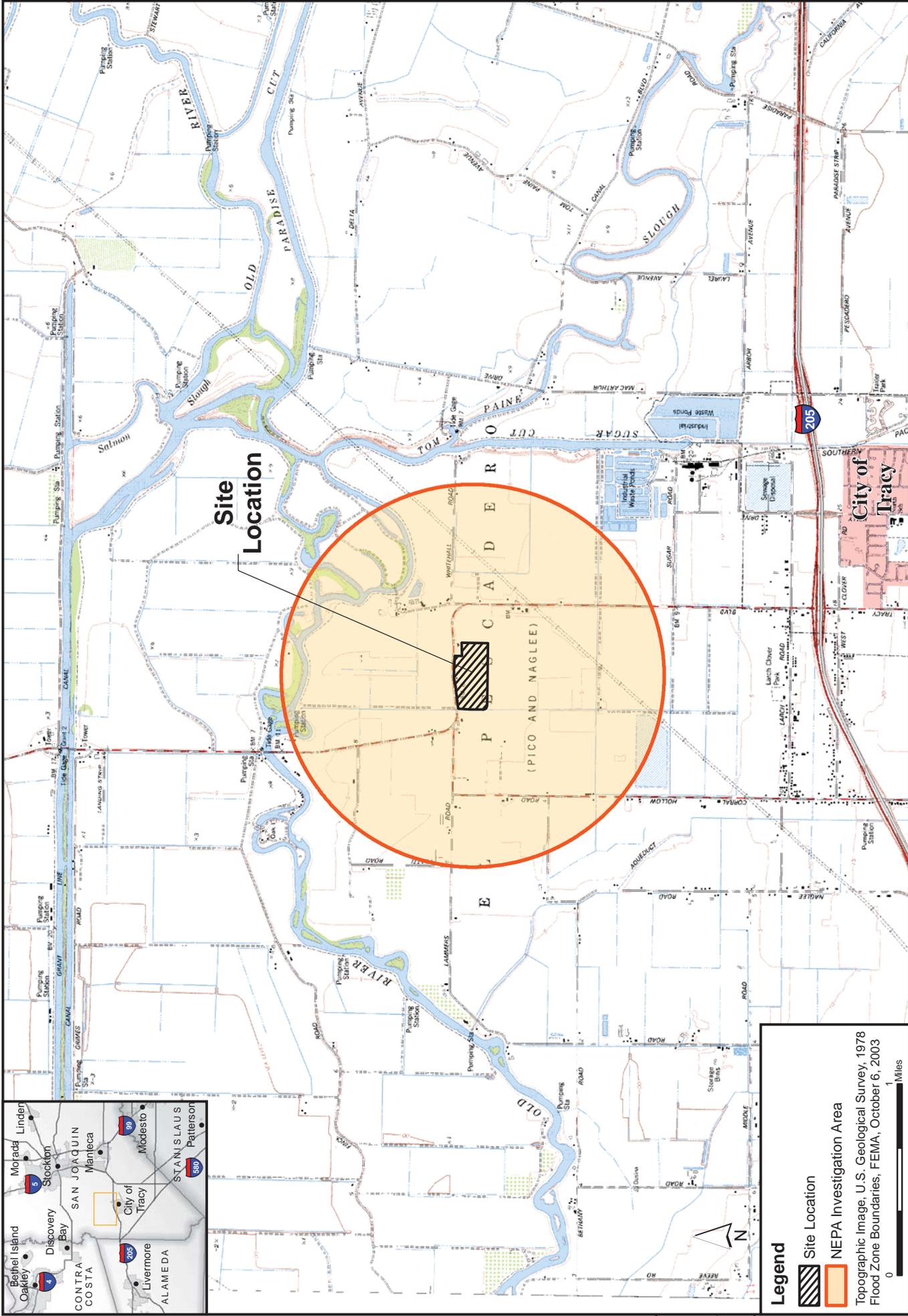
In addition, installation of a new one acre leachfield and new permanent bathrooms to replace the existing portable bathrooms are planned at the PBP site. Sanitary wastes are treated by an onsite septic tank and leachfield system. The existing portable bathrooms are maintained by the vendor.

## Sources

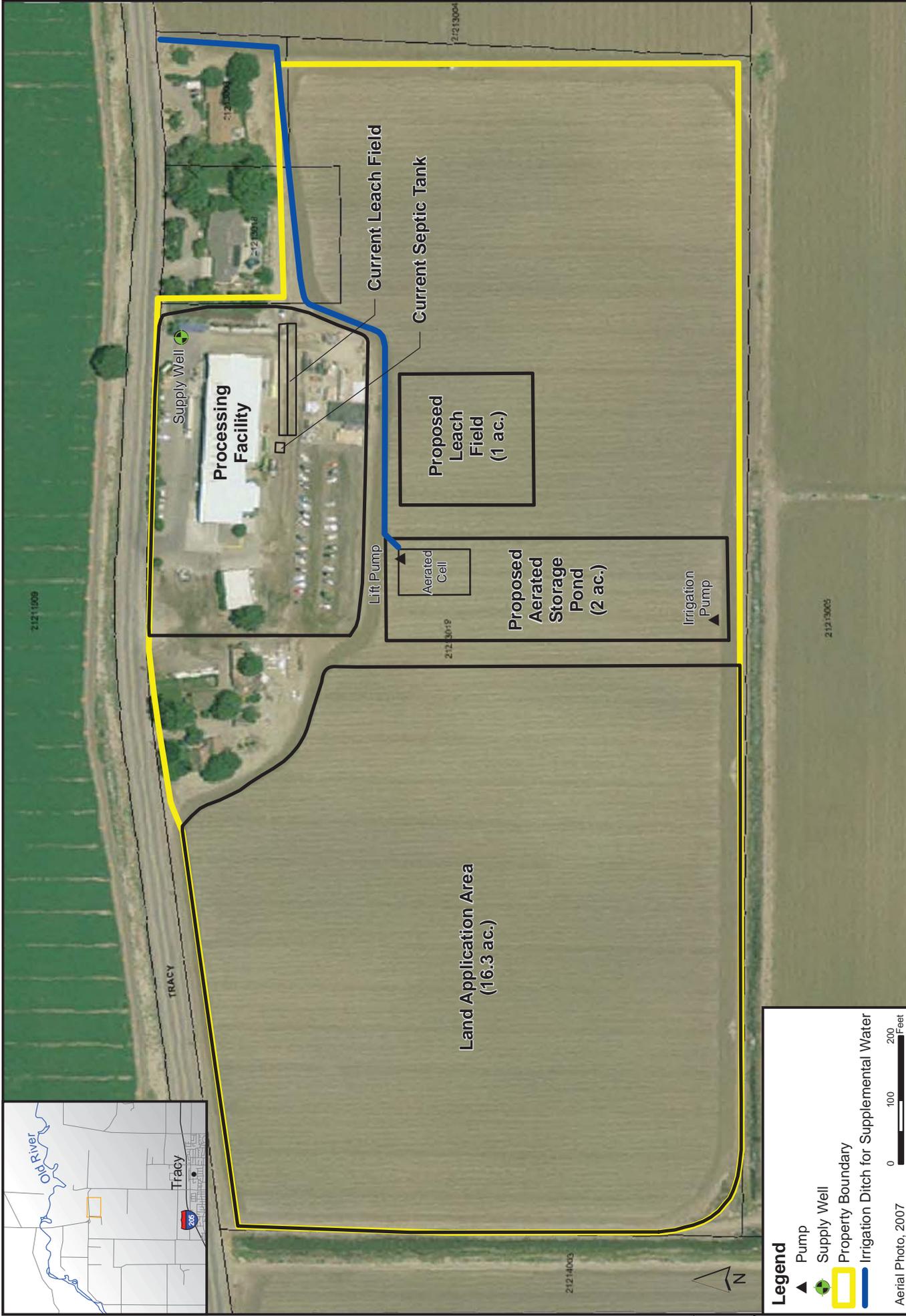
The primary sources of information for this initial study are the EDR NEPA Check report, ROWD, and monitoring data collected from operation of the existing land application facility. The ROWD, submitted in 2007, is part of public record and available for review at the RWQCB.

California Regional Water Quality Control Board  
Region 5, Central Valley Region  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670

Environmental Data Resources, Inc.  
NEPA Check, enclosed as Appendix A



	PROJECT	133171	SITE	Prima Bella Produce, Tracy, CA	Figure <b>1</b>
	DATE	9-12-07	TITLE	Project Investigation Area	



<b>BROWN AND CALDWELL</b>	PROJECT <b>133171</b>	SITE <b>133171</b>	TITLE <b>Prima Bella Produce, Tracy, CA</b>	Figure <b>2</b>
	DATE <b>9-12-07</b>	Site Map		

# CEQA INITIAL STUDY

## 2. DISCUSSION OF ENVIRONMENTAL CHECKLIST

An evaluation of the environmental factors listed in the State CEQA Guidelines, Environmental Checklist Form that may potentially be affected by the project is provided here. The sections and questions are identical to those of the checklist, with discussions of the answers included at the end of each section. The completed Environmental Checklist Form is included as Appendix B.

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) Substantially degrade the existing visual character or quality of the site and its surroundings?	<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 type="checkbox"/>	<input checked="" type="checkbox"/>
<i>I. a, b, d.</i>	The project would not affect a scenic vista, damage scenic resources, or create a new source of light or glare.			
<i>I. c.</i>	The site will be planted with a variety of crops or grasses, which would not diminish the visual quality of the site and is consistent with the agricultural nature of the surrounding areas. The proposed storage pond and leachfield are also in-line with the typical practices and the agricultural features of the neighboring fields.			

II. Agricultural Resources	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would the 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"/>
b) 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"/>
c) 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 [S]JCG, 2007). A variety of crops, such as tomatoes and 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. Returning crop residue to the soil or regularly adding organic material improves fertility, minimizes crusting, and increases the rate of water intake (SCS, 1992). 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 annual reports to the RWQCB as described in the ROWD.

III. Air Quality 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) 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"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) 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 RWQCB 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 also originate from the storage pond if the water is not properly aerated. 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.

The process water is screened as it leaves the facility to remove coarse solids and organic matter, which would otherwise be a significant source of odors if applied to the land. A large portion of the settleable, organic, and volatile dissolved solids will be degraded or removed in the aerated storage pond, further minimizing the possibility of solids buildup on the irrigated land. An additional benefit of screening is reduced plugging of the distribution system piping and irrigation system sprinklers.

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. When in use, the pond will be monitored weekly for the presence of odors and the dissolved oxygen concentration of

the water measured, as required in the new WDRs. A minimum dissolved oxygen concentration of 1.0 milligrams/liter (mg/L) will be maintained in the pond water.

The new WDRs will require process and supplemental flowrates to be recorded. Land application areas will also be inspected daily during irrigation events. Monitoring observations will be documented for inclusion in annual monitoring reports submitted to the RWQCB. In addition, any relevant field or pond 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	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 Game 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 Game 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"/>

*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 (Appendix A) 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. EDR reported four natural/native occurrences along the Old River, located north of the project site. They consist of 3 occurrences of Great Valley Oak riparian forest (between 0.5 and 1.0 miles from the project site) and one of Swainson’s Hawk (approximately 1.0 mile from the project site). The natural occurrences are mainly along the river bank opposite to that of the project and sufficiently far away to not be directly impacted by the project operations. No documented threatened or endangered species within one mile of the project site were reported by EDR.

In-line with typical agricultural practices, the project will use supplemental irrigation water to meet crop demands during the summer months. Although the supplemental water provided by the Independent Mutual Water Company will be drawn from the Old River, the indirect impacts to the riparian habitat and wildlife species will also be insignificant. The volume of supplemental water used by the project will be relatively small, averaging 0.13 mgd (million gallons per day) during the months from May to October. The large pumps of the separate pumping stations operated for the Federal Central Valley Project and the State Water Project are located near the project site. When these pumps are in operation, they can modify the flow direction of the Old River. Any effects from the project activities would be minor and have less than significant impacts compared to the impacts from these large water projects.

*IV. c.* The project will not have a substantial adverse effect on federally protected wetlands. Based on review of the National Wetlands Inventory (NWI), the EDR investigation (Appendix A) reported that the project is located on land classified as “Palustrine, Farmed.” The palustrine system includes non-tidal wetlands dominated by trees and shrubs (EDR, 2007) and may be situated shoreward of river channels or on river floodplains (Cowardin et al, 1979). The Special Modifier “Farmed” indicates that the soil surface has been mechanically or physically altered for production of crops (Cowardin et al, 1979). Reuse of the corn processing water for crop irrigation at the project site is consistent with agricultural uses of the existing zoning and with the NWI classification.

V. Cultural Resources	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would the 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"/>
b) 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"/>
c) 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"/>
d) 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 (Appendix A), 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 Would the project:	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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"/>

*VI. a – d.* The project site is not located in a county affected by the Alquist-Priolo Earthquake Fault Zoning map (updated May 1, 1999) as listed in the California Geologic Survey website, Alquist-Priolo homepage (CGS, 2007). 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.

*VI. e.* Based on results from the Soil Conservation Service (now the Natural Resource Conservation Service), the soils of the project site are classified as Merritt silty clay loam, with a water intake rate of 0.3 inches per hour in the irrigated areas (SCS, 1992). The project site has relatively shallow groundwater, which is typical of this region. The high water table can increase the possibility that the leachfields will not function properly.

PBP has operated the existing leachfield and septic system for years without significant problems, indicating that the soils are likely capable of supporting the new leachfield. PBP will minimize the occurrence of problems through continued maintenance and proper management of the sanitary waste system.

VII. Hazards and Hazardous Materials	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would the 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"/>
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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) 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"/>
g) 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"/>
h) 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 – b. 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 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) 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 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, 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"/>
d) 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"/>
e) 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"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) 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"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) 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 checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VIII. a, f. Because the existing groundwater has significantly higher nitrate and salt levels than the treated wastewater used for irrigation, the project has low potential for degrading the underlying groundwater of the project site. Based on grab samples collected in 2007, the average total dissolved solids (TDS) concentration of the groundwater is 3,440 mg/L, which is significantly higher than the 430 mg/L fixed dissolved solids (FDS) concentration of the process water. A majority of the TDS in process water is organic and will biodegrade readily

in the aerated pond and in the soil matrix. The FDS concentration is representative of the salt or inorganic portion that can leach into groundwater and is typically compared to the TDS concentration of the groundwater.

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. b.* The facility is supplied by one onsite groundwater well for domestic and corn processing purposes. PBP began recycling the screened effluent in 2007, significantly reducing the supply water demand from 250 gpm to 50 gpm. Supplemental irrigation water will be provided by the local irrigation district, which draws surface water from the Old River, instead of from the groundwater well. The project will not substantially deplete groundwater supplies or interfere with groundwater recharge.

*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.

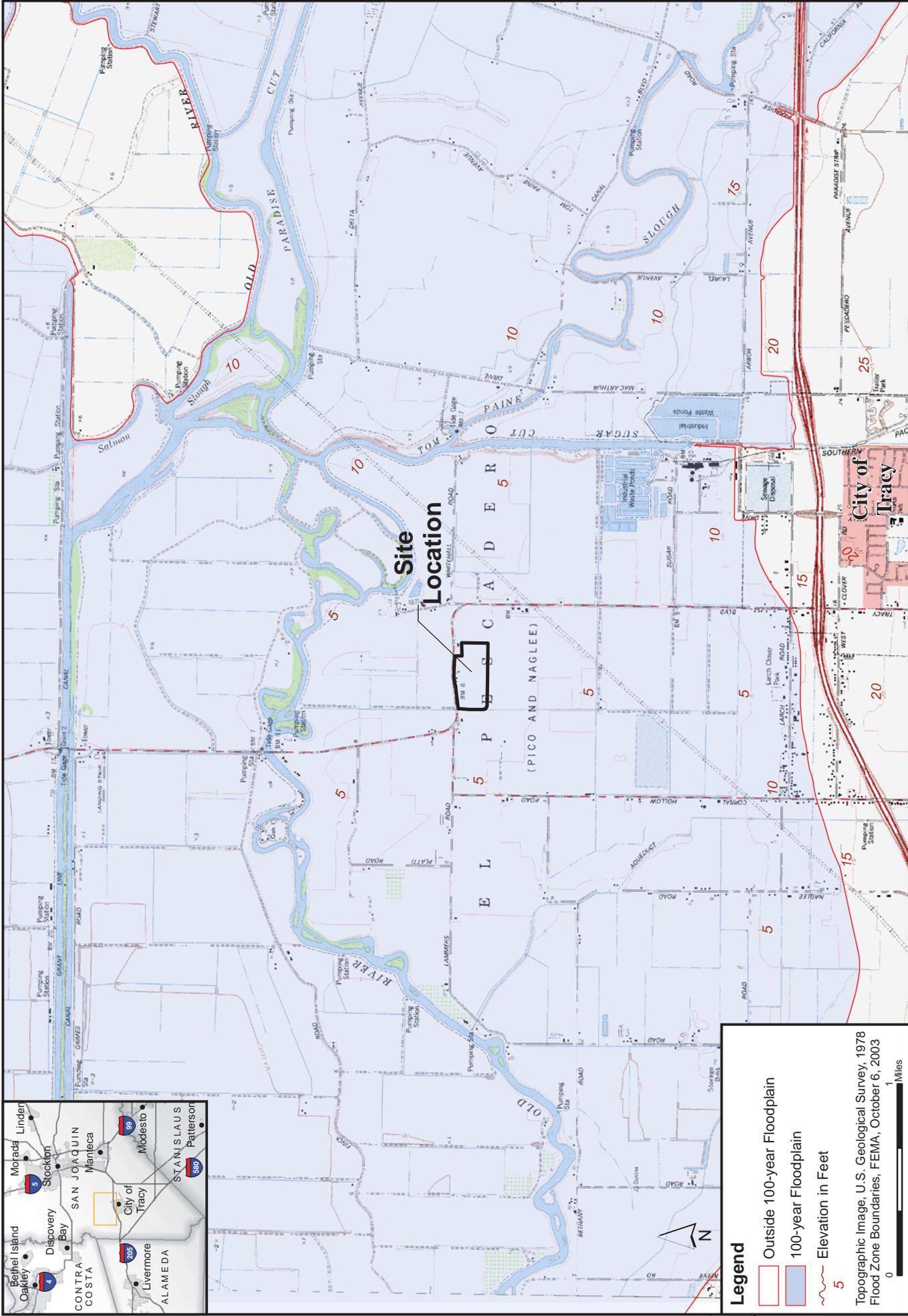
Although the new storage pond will alter the drainage pattern of the field in the immediate vicinity of the pond, it should not significantly impact the overall drainage patterns of the project site. The potential for soil erosion and flooding at the site will be minimized through storage of the process 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 commingled with the process water and will be treated and land applied to the fields. The planned facility improvements will not significantly increase the paved surface area of the site, so will not contribute to higher runoff volumes. The new storage pond was sized based on the 100-year rainfall water balance to provide sufficient storage for process water flows in addition to the rainfall volume. In the event capacity is exceeded, PBP can cease corn processing operations until capacity becomes available.

*VIII. g – j.* The project site is situated within the 100-year floodplain of the Old River (shown in Figure 3) as determined from a Federal Emergency Management Agency (FEMA) map. The project will not construct housing within the 100-year flood boundaries or install structures that would impede the 100-year flood flows. The project will not result in inundation by seiche, tsunami, or mudflow.

The new storage pond will not impede flood flows. The pond will redirect flood flows only within the immediate vicinity of the pond and should have an insignificant impact on the overall flood flows across the project site. The storage pond was designed so that the top of the berms will be two feet above the 100-year flood elevation as typically required by the RWQCB.

The project will not substantially increase the exposure of people or structures to risks from flooding. The PBP facility has existed at the site for decades. Employees and the owners are aware of the risks of flooding and have workplace emergency plans in place.



Prima Bella Produce, Tracy, CA  
 100-year Floodplain Boundaries

Figure  
 3

PROJECT	SITE	133171
	TITLE	
DATE	PROJECT	9-12-07
	TITLE	

**BROWN AND CALDWELL**

Topographic Image, U.S. Geological Survey, 1978  
 Flood Zone Boundaries, FEMA, October 6, 2003

IX. 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) 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"/>
c) 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"/>
<p><i>IX. a – c.</i> 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.</p>				

X. 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
<p><i>X. a, b.</i> The project would not involve the loss of a mineral resource.</p>				

XI. Noise	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would the project result in:				
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"/>
b) 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"/>
c) 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"/>
d) 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 checked="" type="checkbox"/>	<input 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 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"/>
f) 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. Operation of the aerators in the storage pond would contribute to a localized increase in the noise levels within the proximity of the pond. The aerated cell of the pond is located within the center of the project site and the aerator sounds would not be perceivable beyond the project boundaries.

*XI. e, f.* The project is not within an airport land use plan or in the vicinity of a private airstrip.

XII. Population and Housing Would the project:	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
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)?	<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"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>XII. c.</i> 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 the project result in:	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
a) 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:	<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"/>
<i>XIII. a.</i> 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 and process water generated onsite will be commingled and applied to the land application area for agricultural reuse. Sanitary wastewater will be treated by the onsite septic system and leachfields.				

XIV. Recreation Would the project:	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"/>
<i>XIV. a, b.</i> The project would include or require the construction or expansion of existing recreational facilities, or affect the use of existing recreational facilities.				

XV. Transportation/Traffic Would the project:	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
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"/>
b) 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"/>
c) 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"/>
d) 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"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) 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"/>
<i>XV. a – g.</i> 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.				

XVI. Utilities and Service Systems	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Would the 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"/>
b) 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"/>
c) 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"/>
d) 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"/>
e) 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"/>
f) 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"/>
g) 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.* PBP submitted a ROWD to the RWQCB for the land application of process water at the project site. A monitoring program for the storage pond and 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 and corn processing operations is supplied by one onsite groundwater well. Stormwater runoff is collected and mixed with the process water. The wastewater will be either stored onsite or land applied based on the irrigation schedule and field conditions. Corn solids screened from the process water will be trucked offsite for sale as a cattle feed amendment. Sanitary wastes will be treated by the onsite septic system and leachfields. Stormwater and wastewater generated by the project will not be discharged to the local wastewater or stormwater facilities.

XVII. Mandatory Findings of Significance	Potentially significant impact	Less than significant with mitigation incorporated	Less than significant impact	No impact
Does the 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"/>
b) 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"/>
c) 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. Although the site has relatively shallow groundwater, the existing groundwater has significantly higher concentrations of salt and nitrogen than the treated process water used for irrigation. The monitoring program that will be adopted by PBP for the land application operations will ensure that the compliance limits set by the RWQCB 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.

## REFERENCES

---

California Geologic Survey. Alquist-Priolo Earthquake Fault Zones Homepage. Website:  
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Cowardin, L., V. Carter, F. Golet, E. LaRoe. Classification of Wetlands and Deepwater Habitats of the United States.  
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December 1979.

San Joaquin County Government. Community Development Department Homepage. Website:  
[www.sjgov.org/commdev/](http://www.sjgov.org/commdev/). September 2007.

Soil Conservation Service. Soil Survey of San Joaquin County, California. October 1992.

## APPENDIX A

---

### Environmental Data Resources Inc. – NEPA Check

**EDR NEPACheck®**



**Prima Bella Produce  
11104 Tracy Blvd  
Tracy, CA 95304**

**Inquiry Number: 01998816.1r**

**August 07, 2007**

**The Standard in  
Environmental Risk  
Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
EDR NEPACheck® Description.....	1
Map Findings Summary.....	2
Natural Areas.....	3
Historic Sites.....	7
Flood Plain.....	12
Wetlands.....	14
Wetlands Classification System.....	17
FCC & FAA Sites.....	21
Key Contacts and Government Records Searched.....	28

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

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## EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

<b>Section</b>	<b>Regulation</b>
<b>Natural Areas Map</b>	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
<b>Historic Sites Map</b>	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
<b>Flood Plain Map</b>	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
<b>Wetlands Map</b>	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
<b>FCC &amp; FAA Map</b>	
• FCC antenna/tower sites, AM Radio Towers, FAA Markings and Obstructions, AM Radio Interference Zones, Airports, Topographic gradient	47 CFR 1.1307(8)
<b>Key Contacts and Government Records Searched</b>	

# MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 28 of this report.

## TARGET PROPERTY ADDRESS

PRIMA BELLA PRODUCE  
11104 TRACY BLVD  
TRACY, CA 95304

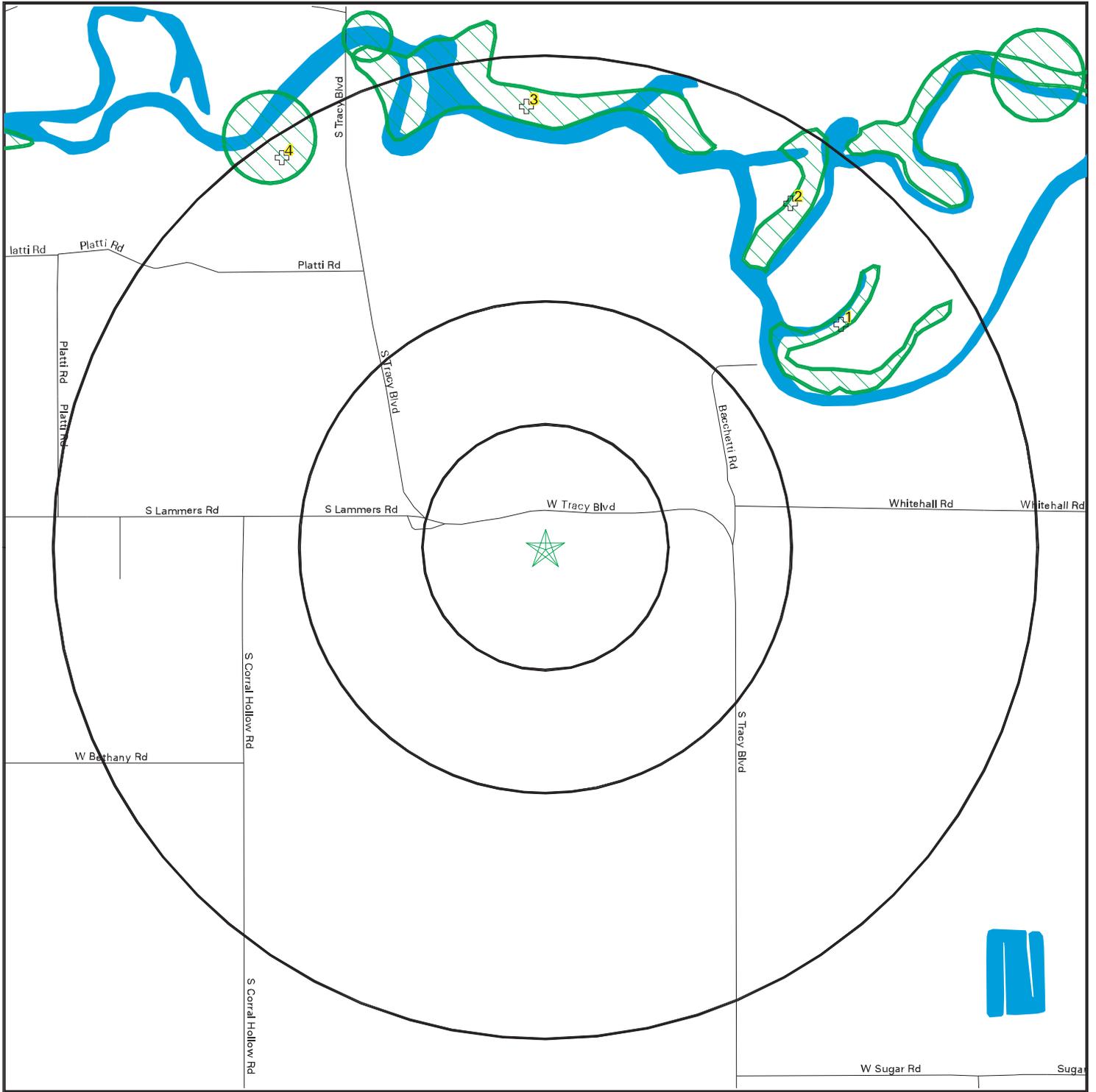
Inquiry #: 01998816.1r  
Date: 8/7/7

## TARGET PROPERTY COORDINATES

Latitude (North): 37.789501 - 37° 47' 22.2"  
Longitude (West): 121.442200 - 121° 26' 31.9"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 637168.4  
UTM Y (Meters): 4183397.8

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<b><u>NATURAL AREAS MAP</u></b>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	CA Natural Diversity Database	1.00	YES	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<b><u>HISTORIC SITES MAP</u></b>				
1.1307a (4) Listed or eligible for National Register	National Register Hist. Places	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	CA Historic Landmarks	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
<b><u>FLOODPLAIN MAP</u></b>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	YES
<b><u>WETLANDS MAP</u></b>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
<b><u>FCC &amp; FAA SITES MAP</u></b>				
	FCC Cellular	1.00	YES	NO
	FCC Antenna	1.00	NO	NO
	FCC Tower	1.00	NO	NO
	FCC AM Tower	1.00	NO	NO
	FAA DOF	1.00	NO	NO
	Airports	1.00	NO	NO
	Power Lines	1.00	YES	YES

# Natural Areas Map



- ★ Target Property
- ⊕ Locations
- ⚡ Roads
- ▨ Federal Areas
- ⚡ County Boundary
- ⚡ Federal Linear Features
- ⚡ Waterways
- ⚡ State Areas
- Water
- ⚡ State Linear Features



SITE NAME: Prima Bella Produce  
 ADDRESS: 11104 Tracy Blvd  
 Tracy CA 95304  
 LAT/LONG: 37.7895 / 121.4422

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Jennifer Chen  
 INQUIRY #: 01998816.1r  
 DATE: August 7, 2007



## NATURAL AREAS MAP FINDINGS

Trend: Unknown  
 Occrank: Unknown  
 Sensitive?: N  
 Main Info: HOLLAND, R. 1987 (OBS)  
 Occtype: Natural/Native occurrence  
 Directions: OLD (SAN JOAQUIN) RIVER FROM PARADISE CUT D/S ABOUT 2 MI.  
 Ownership: UNKNOWN  
 Threat Comments: PARTS DRY FARMED.  
 Ecological Comments: SMALL PATCHES OF QUERCUS LOBATA DOMINATED FOREST (CONNECTED BY BOUNDARY). PARTS W/ IMPENETRABLE ROSA CALIFORNICA, TOXIDENDRON UNDERSTORY; PARTS W/ELYMUS TRITICOIDES, CAREX BARBARAE.  
 Distribution Comments: OUTLIER, TOM PAINE SLOUGH. EXTIRPATED ON OAK ISL, TRAILER PARK.  
 General Comments: THIS WAS OCC #029 OF CTT61430CA.  
 Scientific name: GREAT VALLEY VALLEY OAK RIPARIAN FOREST  
 Common name: GREAT VALLEY VALLEY OAK RIPARIAN FOREST  
 Global rank: G1  
 State rank: S1.1  
 Federal Status: None  
 State Status: None  
 Special Concern?: Not Reported  
 CNPS Rarity: Not Reported  
 Redcode: Not Reported  
 General habitat: Not Reported  
 Micro habitat: Not Reported

3  
North  
1/2-1 mi  
4492

EO ID: 15600  
 Geo ID: 11360  
 Element code: CTT61430CA  
 Occurrence ID: 29  
 Last Visited: 19870913  
 Last Observed: 19870913  
 Presence: Presumed Extant  
 Trend: Unknown  
 Occrank: Unknown  
 Sensitive?: N  
 Main Info: HOLLAND, R. 1987 (OBS)  
 Occtype: Natural/Native occurrence  
 Directions: OLD (SAN JOAQUIN) RIVER FROM PARADISE CUT D/S ABOUT 2 MI.  
 Ownership: UNKNOWN  
 Threat Comments: PARTS DRY FARMED.  
 Ecological Comments: SMALL PATCHES OF QUERCUS LOBATA DOMINATED FOREST (CONNECTED BY BOUNDARY). PARTS W/ IMPENETRABLE ROSA CALIFORNICA, TOXIDENDRON UNDERSTORY; PARTS W/ELYMUS TRITICOIDES, CAREX BARBARAE.  
 Distribution Comments: OUTLIER, TOM PAINE SLOUGH. EXTIRPATED ON OAK ISL, TRAILER PARK.  
 General Comments: THIS WAS OCC #029 OF CTT61430CA.  
 Scientific name: GREAT VALLEY VALLEY OAK RIPARIAN FOREST  
 Common name: GREAT VALLEY VALLEY OAK RIPARIAN FOREST  
 Global rank: G1  
 State rank: S1.1  
 Federal Status: None  
 State Status: None  
 Special Concern?: Not Reported  
 CNPS Rarity: Not Reported  
 Redcode: Not Reported  
 General habitat: Not Reported  
 Micro habitat: Not Reported

CAS0008228  
CA Natural Diversity Database

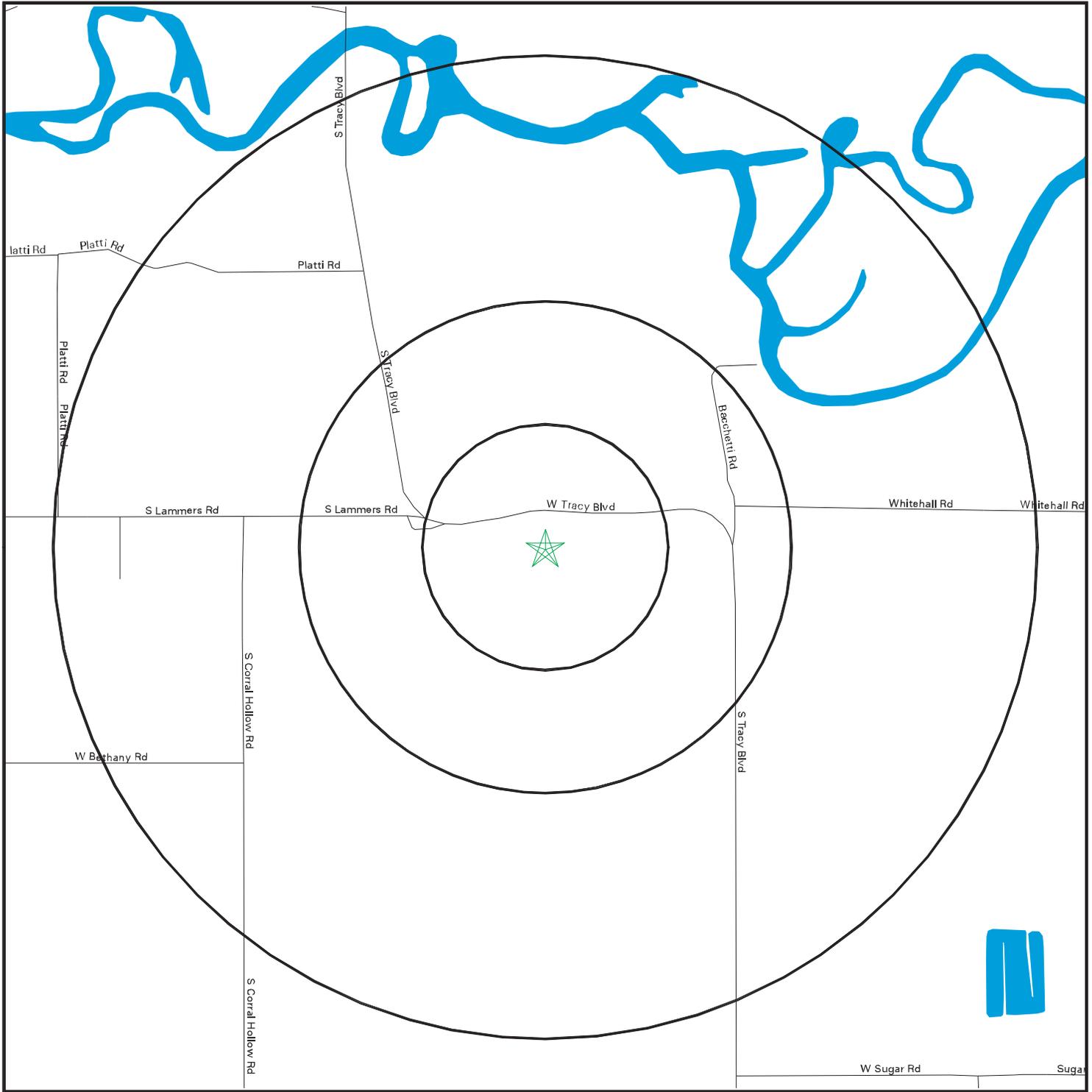
## NATURAL AREAS MAP FINDINGS

4  
NW  
1/2-1 mi  
4811

EO ID: 31519  
Geo ID: 36522  
Element code: ABNKC19070  
Occurrence ID: 691  
Last Visited: 19870630  
Last Observed: 19870630  
Presence: Presumed Extant  
Trend: Unknown  
Occrank: Unknown  
Sensitive?: N  
Main Info: SANDERS, S. & M. GREEN 1987 (OBS)  
Occtype: Natural/Native occurrence  
Directions: SOUTH SIDE OF OLD RIVER, 0.25 MILE DOWNSTREAM FROM THE TRACY BLVD  
BRIDGE, 3 MILES NNW OF TRACY  
Ownership: PVT  
Threat Comments: Not Reported  
Ecological Comments: NEST IS LOCATED IN A LARGE VALLEY OAK, ON A LEVEE BANK; BANK  
IS SCANTILY VEGETATED, WITH JUST A FEW SCATTERED OAKS.  
Distribution Comments: Not Reported  
General Comments: ON 30 JUNE 1987, 2 LIGHT PHASE ADULTS WERE OBSERVED IN THE  
NEST VICINITY; 3 RECENTLY-FLEDGED YOUNG WERE SITTING  
SIDE-BY-SIDE, IMMEDIATELY ADJACENT TO THE NEST.  
Scientific name: BUTEO SWAINSONI  
Common name: SWAINSON'S HAWK  
Global rank: G4  
State rank: S2  
Federal Status: None  
State Status: Threatened  
Special Concern?: Not Reported  
CNPS Rarity: Not Reported  
Redcode: Not Reported  
General habitat: (NESTING) BREEDS IN STANDS WITH FEW TREES IN JUNIPER-SAGE FLATS,  
RIPARIAN AREAS AND IN OAK SAVANNAH.  
Micro habitat: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR  
ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

CAS0025869  
CA Natural Diversity Database

# Historic Sites Map



- ★ Target Property
- ◇ Historic Sites
- ≡ Streets
- ▨ Federal Historic Areas
- ≡ County Boundary
- ▨ State Historic Areas
- ≡ Waterways
- ▨ US Indian Reservations
- Water
- ≡ Scenic Trail



SITE NAME: Prima Bella Produce  
 ADDRESS: 11104 Tracy Blvd  
 Tracy CA 95304  
 LAT/LONG: 37.7895 / 121.4422

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Jennifer Chen  
 INQUIRY #: 01998816.1r  
 DATE: August 7, 2007

## HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

---

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
<p>Id num: NO. 513                      Nrhp num: Not Reported                      Usgs quad: STOCKTON 15                      Name: BURIAL PLACE OF JOHN BROWN (JUAN FLACO)                      Address: 1100 E Weber St at N Union St, Stockton                      Address2: Not Reported                      County: San Joaquin                      Desc1: In 1846, during American conquest of California, John Brown -nicknamed Juan Flaco - rode from Los Angeles to San Francisco in four days to warn Commodore Stockton of the siege of Los Angeles, and troops were sent to secure the city. This 'Paul Revere of California,' who lived in Stockton from 1851 to 1859, is buried in the former Citizen's Cemetery near this site.</p>		<p>Unmappable                      CA10000768                      CA Historic Landmarks</p>
<p>Id num: NO. 740                      Nrhp num: Not Reported                      Usgs quad: Not Reported                      Name: CARNEGIE                      Address: Carnegie State Vehicular Recreation Area, 5.9 mi W of I-580 on Corral Hollow Rd, 9 mi SW of Tracy                      Address2: Not Reported                      County: San Joaquin                      Desc1: A city of 3,500 population from 1895-1912, the town had a post office, company store, hotels, saloons, bandstand, and hundreds of homes. The Carnegie Brick and Pottery Company had 45 kilns and 13 tall smokestacks, clay came from the famous Tesla Coal Mine, four miles to the west. Town and plant were served by the Alameda and San Joaquin Railroad.</p>		<p>Unmappable                      CA10000771                      CA Historic Landmarks</p>
<p>Id num: NO. 755                      Nrhp num: Not Reported                      Usgs quad: Not Reported                      Name: CORRAL HOLLOW                      Address: 1.5 mi W of I-580 on Corral Hollow Rd, 6.5 mi SW of Tracy                      Address2: Not Reported                      County: San Joaquin                      Desc1: The Edward B. Carrell home was built here at the site of an Indian village on El Camino Viejo, an old Spanish trail. Through here passed the '49ers and the first mail to the Tuolumne mines, men and animals received food and drink at Wright's Zink House five hundred yards north of here.</p>		<p>Unmappable                      CA10000772                      CA Historic Landmarks</p>
<p>Id num: NO. 801                      Nrhp num: Not Reported                      Usgs quad: STOCKTON WEST                      Name: REUEL COLT GRIDLEY MONUMENT                      Address: Stockton Rural Cemetery near Memory Chapel, Cemetery Ln and E Pine St, Stockton                      Address2: Not Reported                      County: San Joaquin                      Desc1: Erected in honor of the soldier's friend, Reuel Colt Gridley, by Rawlins Post, Grand Army of the Republic, and the citizens of Stockton in gratitude for services rendered Union soldiers during</p>		<p>Unmappable                      CA10000776                      CA Historic Landmarks</p>

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

**Status  
EDR ID  
Database**

the War of the Rebellion, when he collected \$275,000 for the Sanitary Commission by selling and reselling a sack of flour.

Id num: Nrhp num: Usgs quad: Name: Address: Address2: County: Desc1:	NO. 178 Not Reported STOCKTON WEST SITE OF FIRST BUILDING IN PRESENT CITY OF STOCKTON City Hall, on Civic St between Miner and El Dorado Sts, Stockton Not Reported San Joaquin In August 1844, the first settlers arrived at Rancho del Campo de los Franceses. One of the company, Thomas Lindsay, built the first dwelling, a tule hut, on this site. He was later murdered by Indian s and buried here by travelers. The Point was formed by the junction of McLeod's Lake and Miner's Channel.	Unmappable CA10000762 CA Historic Landmarks
-------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------

Id num: Nrhp num: Usgs quad: Name: Address: Address2: County: Desc1:	NO. 777 Not Reported Not Reported SITE OF SAN JOAQUIN CITY 1.4 mi N of county line on County Hwy J3, SE of Tracy Not Reported San Joaquin This river town was established in 1849. Pioneers and freight wagons following post roads to the southern mines crossed the river nearby at Durham's Ferry, and as a terminal for riverboats, the town played an important part in development of west side grain farming and cattle raising.	Unmappable CA10000774 CA Historic Landmarks
-------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------

Id num: Nrhp num: Usgs quad: Name: Address: Address2: County: Desc1:	NO. 765 Not Reported STOCKTON WEST TEMPLE ISRAEL CEMETERY On E Acacia St between N Pilgrim and N Union Sts, Stockton Not Reported San Joaquin Donated by Captain Charles M. Weber in 1851 for use as a cemetery by the Jewish community of Stockton, this is the oldest Jewish cemetery in continuous use in California and west of the Rocky Mountain s.	Unmappable CA10000773 CA Historic Landmarks
-------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------

Id num: Nrhp num: Usgs quad: Name: Address:	NO. 934 Not Reported Not Reported TEMPORARY DETENTION CAMPS FOR JAPANESE AMERICANS-STOCKTON ASSEMBLY CENTER Administration Bldg, San Joaquin County Fairgrounds, Airport Way	Unmappable CA10000778 CA Historic Landmarks
---------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

**Status**  
**EDR ID**  
**Database**

---

Address2: Stockton  
 County: Not Reported  
 Desc1: San Joaquin  
 Here, within the confines of San Joaquin County Fairgrounds, enclosed by barbed wire and housed in temporary barracks, 4,217 San Joaquin County residents of Japanese ancestry, predominately American citizens, were interned from May 10 to October 17, 1942 under Executive Order 9066. May such usurpation of civil, social, and economic rights, without specific charges or trial, never again occur.

---

Id num:	NO. 995	Unmappable
Nrhp num:	Not Reported	CA10000780
Usgs quad:	Not Reported	CA Historic Landmarks
Name:	TRAIL OF THE JOHN C. FREMONT 1844 EXPEDITION	
Address:	NW corner of junction of Hwy 88 and Calaveras River	
Address2:	Not Reported	
County:	San Joaquin	
Desc1:	Fremont's historic second overland expedition of 1843-44 was the first in which he reached California. He and his companions entered California in the dead of winter, camped across the snowbound Sierra, spent a month at Sutter's Fort in the Sacramento Valley, and then continued south through the San Joaquin Valley. Fremont's report added to the growing American interest in the Far West and California, making this 1844 expedition one of the most influential events in American westward expansion. Fremont camped at this site on March 26, 1844.	

---

Id num:	NO. 165	Unmappable
Nrhp num:	Not Reported	CA10000761
Usgs quad:	Not Reported	CA Historic Landmarks
Name:	WEBER POINT	
Address:	On Center St between Channel and Miner Sts, Stockton	
Address2:	Not Reported	
County:	San Joaquin	
Desc1:	Site of a two-story adobe-and-redwood house built in 1850 by Charles M. Weber, founder and pioneer developer of Stockton. One of the first elaborate residences and landscaped gardens in the San Joaquin Valley, it remained Captain Weber's home until his death in 1881.	

# Flood Plain Map



- |                 |             |                                    |
|-----------------|-------------|------------------------------------|
| Major Roads     | Power Lines | Water                              |
| Contour Lines   | Pipe Lines  | 100-year flood zone                |
| Waterways       | Fault Lines | 500-year flood zone                |
| County Boundary |             | Electronic FEMA data available     |
|                 |             | Electronic FEMA data not available |

SITE NAME: Prima Bella Produce  
 ADDRESS: 11104 Tracy Blvd  
 Tracy CA 95304  
 LAT/LONG: 37.7895 / 121.4422

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Jennifer Chen  
 INQUIRY #: 01998816.1r  
 DATE: August 7, 2007

# FLOOD PLAIN MAP FINDINGS

Source: FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

---

SAN JOAQUIN, CA

YES

Flood Plain panel at target property:  
Additional Flood Plain panel(s) in search area:  
0602990570B

0602990565B

# National Wetlands Inventory Map



- Major Roads
- Contour Lines
- Waterways
- County Boundary

- Power Lines
- Pipe Lines
- Fault Lines

- Water
- National Wetland Inventory
- Electronic NWI data available
- Electronic NWI data not available

SITE NAME: Prima Bella Produce  
 ADDRESS: 11104 Tracy Blvd  
 Tracy CA 95304  
 LAT/LONG: 37.7895 / 121.4422

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Jennifer Chen  
 INQUIRY #: 01998816.1r  
 DATE: August 7, 2007

## WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Union Island

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID	Direction	Distance	Code and Description*	Database
Distance (ft.)				
1	North	0-1/8 mi 0	Pf [P] Palustrine, [f] Farmed	NWI
2	NE	1/2-1 mi 3044	R1UBV [R] Riverine, [1] Tidal, [UB] Unconsolidated Bottom, [V] Permenant-Tidal	NWI
3	NE	1/2-1 mi 3146	PFOR [P] Palustrine, [FO] Forested, [R] Seasonal-Tidal	NWI
4	NE	1/2-1 mi 3249	Pf [P] Palustrine, [f] Farmed	NWI
5	NE	1/2-1 mi 3924	PSSR [P] Palustrine, [SS] Scrub-Shrub, [R] Seasonal-Tidal	NWI
6	NNE	1/2-1 mi 4459	PSSR [P] Palustrine, [SS] Scrub-Shrub, [R] Seasonal-Tidal	NWI
7	North	1/2-1 mi 4516	PFOS [P] Palustrine, [FO] Forested, [S] Temporary-Tidal	NWI
8	NNW	1/2-1 mi 4574	PFOR [P] Palustrine, [FO] Forested, [R] Seasonal-Tidal	NWI
9	NNE	1/2-1 mi 4621	Pf [P] Palustrine, [f] Farmed	NWI

\*See Wetland Classification System for additional information.

## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
10 North 1/2-1 mi 4705	Pf [P] Palustrine, [f] Farmed	NWI
11 North 1/2-1 mi 4733	R1UBV [R] Riverine, [1] Tidal, [UB] Unconsolidated Bottom, [V] Permenant-Tidal	NWI
12 NNE 1/2-1 mi 4749	PFOR [P] Palustrine, [FO] Forested, [R] Seasonal-Tidal	NWI
13 SSW 1/2-1 mi 4796	L2UBKx [L] Lacustrine, [2] Littoral, [UB] Unconsolidated Bottom, [K] Artificially Flooded, [x] Excavated	NWI
14 NNE 1/2-1 mi 4809	R1ABV [R] Riverine, [1] Tidal, [AB] Aquatic Bed, [V] Permenant-Tidal	NWI
15 NNW 1/2-1 mi 4893	PFOR [P] Palustrine, [FO] Forested, [R] Seasonal-Tidal	NWI
16 NNE 1/2-1 mi 5201	Pf [P] Palustrine, [f] Farmed	NWI

\*See Wetland Classification System for additional information.

# WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

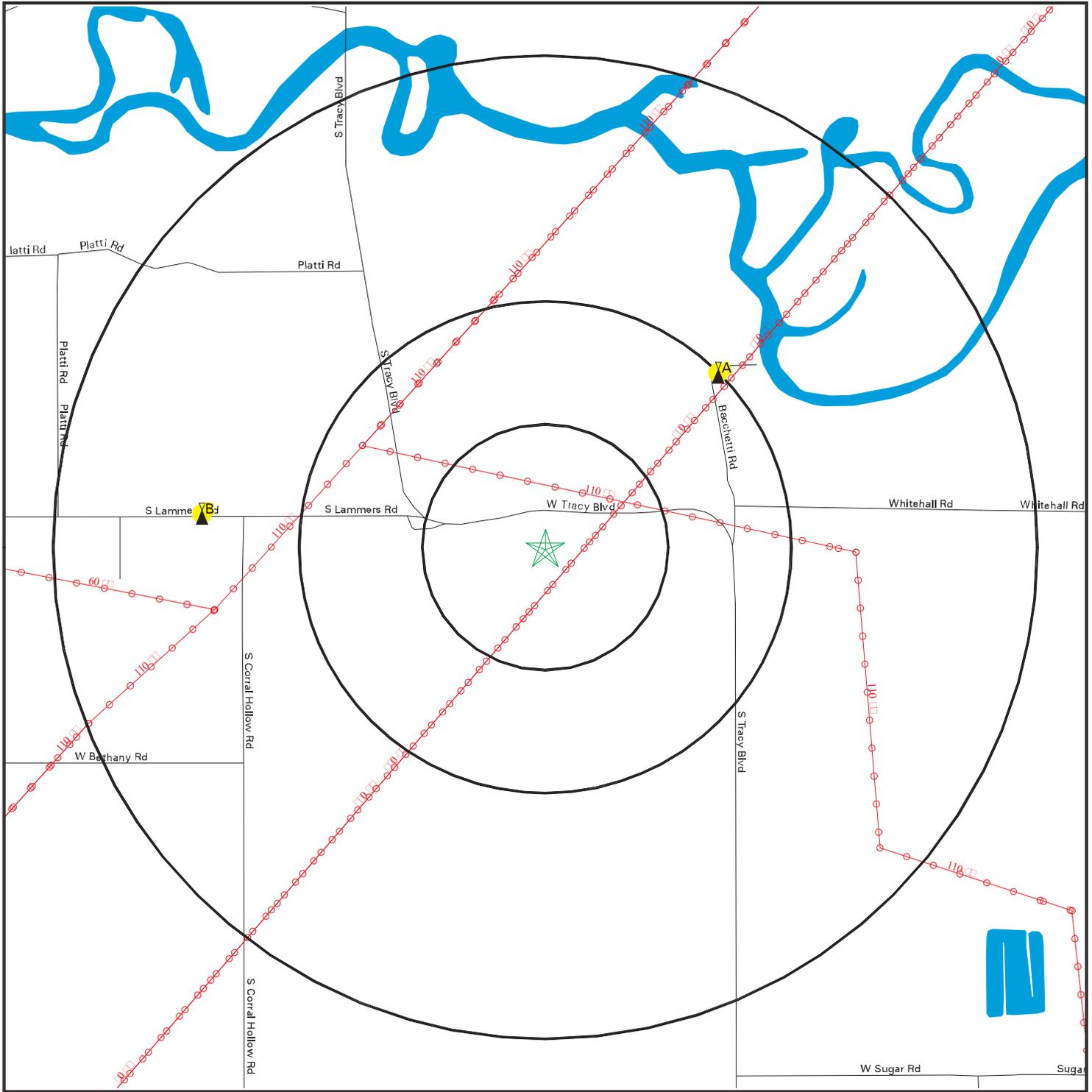
National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.







# FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Power Lines
-  Water
-  Sites
-  Omni Directional AM Interference
-  Directional AM Interference



SITE NAME: Prima Bella Produce  
 ADDRESS: 11104 Tracy Blvd  
 Tracy CA 95304  
 LAT/LONG: 37.7895 / 121.4422

CLIENT: Brown & Caldwell Consultants  
 CONTACT: Jennifer Chen  
 INQUIRY #: 01998816.1r  
 DATE: August 7, 2007

# FCC & FAA SITES MAP FINDINGS TOWERS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

A1  
NE  
1/4-1/2 mi  
2638

CEL100000042129  
CELLULAR

Low Frequency:	880.02000000	High Frequency:	889.98000000
Callsign:	KNKA228	Radio Code:	CL
DBA Name:	GTE MOBILNET OF CALIFORNIA LIMITED PARTN		
Contact:	Not Reported		
Licensee:	GTE MOBILNET OF CALIFORNIA LIMITED PARTNERSHIP		
	Not Reported		
	ATLANTA, GA 30346		
Transmitter Address:	2288 BROADWAY		
	SAN FRANCISCO, CA		
County:	SAN FRANCISCO		
Latitude:	374741	Longitude:	1212605
Elevation:	00000	Height:	00000
Height Average:	00000	Effective Height:	00240
Structure Height:	00110	Class Code:	FB
ERP:	05000000	Database ID:	Y
License Date:	940926	Emissions:	40K0F3E 40K0F1D
Issue Date:	940802	Expiration Date:	941001
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	00	Authorization Type:	L

This record is for a license, and it may or may not indicate a site which has been built.

A2  
NE  
1/4-1/2 mi  
2638

CEL100000017218  
CELLULAR

Low Frequency:	835.02000000	High Frequency:	844.98000000
Callsign:	KNKA228	Radio Code:	CL
DBA Name:	GTE MOBILNET OF CALIFORNIA LIMITED PARTN		
Contact:	Not Reported		
Licensee:	GTE MOBILNET OF CALIFORNIA LIMITED PARTNERSHIP		
	Not Reported		
	ATLANTA, GA 30346		
Transmitter Address:	2288 BROADWAY		
	SAN FRANCISCO, CA		
County:	SAN FRANCISCO		
Latitude:	374741	Longitude:	1212605
Elevation:	00000	Height:	00000
Height Average:	00000	Effective Height:	00240
Structure Height:	00110	Class Code:	MO
ERP:	05000000	Database ID:	Y
License Date:	940926	Emissions:	40K0F3E 40K0F1D
Issue Date:	940802	Expiration Date:	941001
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	00	Authorization Type:	L

This record is for a license, and it may or may not indicate a site which has been built.

# FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

B3  
West  
1/2-1 mi  
3702

CEL100000044453  
CELLULAR

Low Frequency:	880.02000000	High Frequency:	889.98000000
Callsign:	KNKA378	Radio Code:	CL
DBA Name:	SACRAMENTO-VALLEY LTD. PARTNERSHIP		
Contact:	Not Reported		
Licensee:	SACRAMENTO-VALLEY LTD. PARTNERSHIP		
	Not Reported		
	SACRAMENTO, CA 95833		
Transmitter Address:	LAMMERS ROAD 500 FEET WEST OF CORRAL H N. TRACY, CA		
County:	SAN JOAQUIN		
Latitude:	374726	Longitude:	1212714
Elevation:	00000	Height:	00000
Height Average:	00000	Effective Height:	00120
Structure Height:	00000	Class Code:	FB
ERP:	00000000	Database ID:	Y
License Date:	940922	Emissions:	40K0F3E 40K0F1D
Issue Date:	940805	Expiration Date:	961001
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	00	Authorization Type:	L

This record is for a license, and it may or may not indicate a site which has been built.

B4  
West  
1/2-1 mi  
3702

CEL100000019922  
CELLULAR

Low Frequency:	835.02000000	High Frequency:	844.98000000
Callsign:	KNKA378	Radio Code:	CL
DBA Name:	SACRAMENTO-VALLEY LTD. PARTNERSHIP		
Contact:	Not Reported		
Licensee:	SACRAMENTO-VALLEY LTD. PARTNERSHIP		
	Not Reported		
	SACRAMENTO, CA 95833		
Transmitter Address:	LAMMERS ROAD 500 FEET WEST OF CORRAL H N. TRACY, CA		
County:	SAN JOAQUIN		
Latitude:	374726	Longitude:	1212714
Elevation:	00000	Height:	00000
Height Average:	00000	Effective Height:	00120
Structure Height:	00000	Class Code:	MO
ERP:	00000000	Database ID:	Y
License Date:	940922	Emissions:	40K0F3E 40K0F1D
Issue Date:	940805	Expiration Date:	961001
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	00	Authorization Type:	L

This record is for a license, and it may or may not indicate a site which has been built.

# FCC & FAA SITES MAP FINDINGS AIRPORTS

EDR ID  
Database

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No Sites Reported.

# FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

POW0009922  
POWERLINES

<p> Msid: MSX1014619- 1  Range_flg: 1  Type: AC  Corridor: Y  Own_name: PG and E Corporation  Ownr_flg: S  Physaddress: 77 Beale St.  Physstate: California  Mailaddress: PO Box 770000  Mailstate: California  Phone: 415-973-7000  Webpage: www.pge.com </p>	<p> Voltage: 110  Hi_range: 161  Status: AC  Ownr_id: PGECRP  Opr_id: PGE  Coname: Pacific Gas and Electric Co.  Physcity: San Francisco  Physlpost: 94177  Mailcity: San Francisco  Mailpostal: 94177  Fax: Not Reported </p>
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POW0009923  
POWERLINES

<p> Msid: MSX1014635- 2  Range_flg: 1  Type: AC  Corridor: Y  Own_name: PG and E Corporation  Ownr_flg: S  Physaddress: 77 Beale St.  Physstate: California  Mailaddress: PO Box 770000  Mailstate: California  Phone: 415-973-7000  Webpage: www.pge.com </p>	<p> Voltage: 110  Hi_range: 161  Status: AC  Ownr_id: PGECRP  Opr_id: PGE  Coname: Pacific Gas and Electric Co.  Physcity: San Francisco  Physlpost: 94177  Mailcity: San Francisco  Mailpostal: 94177  Fax: Not Reported </p>
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POW0008583  
POWERLINES

<p> Msid: MSX1013850- 1  Range_flg: 1  Type: AC  Corridor: N  Own_name: PG and E Corporation  Ownr_flg: S  Physaddress: 77 Beale St.  Physstate: California  Mailaddress: PO Box 770000  Mailstate: California  Phone: 415-973-7000  Webpage: www.pge.com </p>	<p> Voltage: 60  Hi_range: 92  Status: AC  Ownr_id: PGECRP  Opr_id: PGE  Coname: Pacific Gas and Electric Co.  Physcity: San Francisco  Physlpost: 94177  Mailcity: San Francisco  Mailpostal: 94177  Fax: Not Reported </p>
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# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

POW0008380  
POWERLINES

<p>Msid: MSX1014635- 1  Range: 1  Type: AC  Corridor: N  Own_name: PG and E Corporation  Own_flg: S  Physaddress: 77 Beale St.  Physstate: California  Mailaddress: PO Box 770000  Mailstate: California  Phone: 415-973-7000  Webpage: www.pge.com</p>	<p>Voltage: 110  Hi_range: 161  Status: AC  Ownr_id: PGECRP  Opr_id: PGE  Coname: Pacific Gas and Electric Co.  Physcity: San Francisco  Physlpost: 94177  Mailcity: San Francisco  Mailpostal: 94177  Fax: Not Reported</p>
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POW0008379  
POWERLINES

<p>Msid: MSX1014636- 1  Range: 1  Type: AC  Corridor: N  Own_name: PG and E Corporation  Own_flg: S  Physaddress: 77 Beale St.  Physstate: California  Mailaddress: PO Box 770000  Mailstate: California  Phone: 415-973-7000  Webpage: www.pge.com</p>	<p>Voltage: 110  Hi_range: 161  Status: AC  Ownr_id: PGECRP  Opr_id: PGE  Coname: Pacific Gas and Electric Co.  Physcity: San Francisco  Physlpost: 94177  Mailcity: San Francisco  Mailpostal: 94177  Fax: Not Reported</p>
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POW0009925  
POWERLINES

<p>Msid: MSX1014636- 2  Range: 1  Type: AC  Corridor: Y  Own_name: PG and E Corporation  Own_flg: S  Physaddress: 77 Beale St.  Physstate: California  Mailaddress: PO Box 770000  Mailstate: California  Phone: 415-973-7000  Webpage: www.pge.com</p>	<p>Voltage: 110  Hi_range: 161  Status: AC  Ownr_id: PGECRP  Opr_id: PGE  Coname: Pacific Gas and Electric Co.  Physcity: San Francisco  Physlpost: 94177  Mailcity: San Francisco  Mailpostal: 94177  Fax: Not Reported</p>
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# FCC & FAA SITES MAP FINDINGS POWERLINES

**EDR ID  
Database**

POW0008382  
POWERLINES

<p> <b>Msid:</b> MSX1014648- 1  <b>Range_flg:</b> 1  <b>Type:</b> AC  <b>Corridor:</b> Y  <b>Own_name:</b> PG and E Corporation  <b>Ownr_flg:</b> S  <b>Physaddress:</b> 77 Beale St.  <b>Physstate:</b> California  <b>Mailaddress:</b> PO Box 770000  <b>Mailstate:</b> California  <b>Phone:</b> 415-973-7000  <b>Webpage:</b> www.pge.com         </p>	<p> <b>Voltage:</b> 220  <b>Hi_range:</b> 287  <b>Status:</b> AC  <b>Ownr_id:</b> PGECRP  <b>Opr_id:</b> PGE  <b>Coname:</b> Pacific Gas and Electric Co.  <b>Physcity:</b> San Francisco  <b>Physlpost:</b> 94177  <b>Mailcity:</b> San Francisco  <b>Mailpostal:</b> 94177  <b>Fax:</b> Not Reported         </p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

POW0009924  
POWERLINES

<p> <b>Msid:</b> MSX1014647- 1  <b>Range_flg:</b> 1  <b>Type:</b> AC  <b>Corridor:</b> Y  <b>Own_name:</b> PG and E Corporation  <b>Ownr_flg:</b> S  <b>Physaddress:</b> 77 Beale St.  <b>Physstate:</b> California  <b>Mailaddress:</b> PO Box 770000  <b>Mailstate:</b> California  <b>Phone:</b> 415-973-7000  <b>Webpage:</b> www.pge.com         </p>	<p> <b>Voltage:</b> 220  <b>Hi_range:</b> 287  <b>Status:</b> AC  <b>Ownr_id:</b> PGECRP  <b>Opr_id:</b> PGE  <b>Coname:</b> Pacific Gas and Electric Co.  <b>Physcity:</b> San Francisco  <b>Physlpost:</b> 94177  <b>Mailcity:</b> San Francisco  <b>Mailpostal:</b> 94177  <b>Fax:</b> Not Reported         </p>
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POW0009926  
POWERLINES

<p> <b>Msid:</b> MSX1014635- 3  <b>Range_flg:</b> 1  <b>Type:</b> AC  <b>Corridor:</b> Y  <b>Own_name:</b> PG and E Corporation  <b>Ownr_flg:</b> S  <b>Physaddress:</b> 77 Beale St.  <b>Physstate:</b> California  <b>Mailaddress:</b> PO Box 770000  <b>Mailstate:</b> California  <b>Phone:</b> 415-973-7000  <b>Webpage:</b> www.pge.com         </p>	<p> <b>Voltage:</b> 110  <b>Hi_range:</b> 161  <b>Status:</b> AC  <b>Ownr_id:</b> PGECRP  <b>Opr_id:</b> PGE  <b>Coname:</b> Pacific Gas and Electric Co.  <b>Physcity:</b> San Francisco  <b>Physlpost:</b> 94177  <b>Mailcity:</b> San Francisco  <b>Mailpostal:</b> 94177  <b>Fax:</b> Not Reported         </p>
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## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

### **NATURAL AREAS**

#### **Officially designated wilderness areas**

##### Government Records Searched in This Report

FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### Federal Contacts for Additional Information

National Park Service, Pacific West Region

600 Harrison Street, Suite 600

San Francisco, CA 94107

415-427-1300

USDA Forest Service, Pacific Southwest

630 Sansome Street

San Francisco, CA 94111

415-705-2557

BLM - California State Office

2800 Cottage Way, Room W-1834

Sacramento, CA 95825-1886

916-978-4400

Fish & Wildlife Service, Region 1

Eastside Federal Complex 911 NE 11th Avenue

Portland, OR 97232-4181

503-231-6188

#### **Officially designated wildlife preserves, sanctuaries and refuges**

##### Government Records Searched in This Report

FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1  
Eastside Federal Complex 911 NE 11th Avenue  
Portland, OR 97232-4181  
503-231-6188

### State Contacts for Additional Information

Department of Fish & Game 916-653-7667

### **Wild and scenic rivers**

#### Government Records Searched in This Report

##### FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

### Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1  
Eastside Federal Complex 911 NE 11th Avenue  
Portland, OR 97232-4181  
503-231-6188

### **Endangered Species**

#### Government Records Searched in This Report

##### Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

CA Endangered Species: Natural Diversity Database

Source: Dept. of Fish and Game.

Telephone: 916-324-3812

### Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1  
Eastside Federal Complex 911 NE 11th Avenue  
Portland, OR 97232-4181  
503-231-6188

### State Contacts for Additional Information

Natural Heritage Program, Dept. of Fish & Game 916-322-2493

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

#### Historic Places

##### Government Records Searched in This Report

##### National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

CA Historic Landmarks: CA Historical Landmarks

Source: Office of Historic Preservation.

Telephone: 916-653-6624

##### Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

##### State Contacts for Additional Information

Office of Historic Preservation, Ept. Of Parks & Recreation 916-653-6624

### Indian Religious Sites

#### Government Records Searched in This Report

##### Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

##### Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:  
<http://www.doi.gov/bia/areas/agency.html>

Phoenix Area Office, Bureau of Indian Affairs  
One North First Street P.O. Box 10  
Phoenix, AZ 85001  
602-379-6600

Sacramento Area Office, Bureau of Indian Affairs  
2800 Cottage Way  
Sacramento, CA 95825  
916-979-2600

Cultural Division, Yuork Tribe  
1034 6th Street  
Eureka, CA 95501

### **Scenic Trails**

#### State Contacts for Additional Information

Pacific Crest Trail Association  
5325 Elkhorn Boulevard, #256  
Sacramento, California 95842  
916-349-2109

### **FLOOD PLAIN, WETLANDS AND COASTAL ZONE**

#### **Flood Plain Management**

##### Government Records Searched in This Report

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

#### Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

#### State Contacts for Additional Information

Office of Emergency Services 916-262-1843

#### **Wetlands Protection**

##### Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

#### Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

#### State Contacts for Additional Information

Department of Fish & Game 916-653-7667

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Coastal Zone Management**

#### Government Records Searched in This Report

##### **CAMA Management Areas**

Dept. of Env., Health & Natural Resources  
919-733-2293

#### Federal Contacts for Additional Information

##### **Office of Ocean and Coastal Resource Management**

N/ORM, SSMC4  
1305 East-West Highway  
Silver Spring, Maryland 20910  
301-713-3102

#### State Contacts for Additional Information

California Coastal Commission 415-904-5200

### **FCC & FAA SITES MAP**

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

#### Government Records Searched in This Report

##### **Cellular**

##### **Federal Communications Commission**

Mass Media Bureau  
2nd Floor - 445 12th Street SW  
Washington DC 20554 USA  
Telephone (202) 418-2700

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##### **Tower**

##### **Federal Communications Commission**

Mass Media Bureau  
2nd Floor - 445 12th Street SW  
Washington DC 20554 USA  
Telephone (202) 418-2700

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##### **Antenna Registration**

##### **Federal Communications Commission**

Mass Media Bureau  
2nd Floor - 445 12th Street SW  
Washington DC 20554 USA  
Telephone (202) 418-2700

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##### **AM Tower**

##### **Federal Communications Commission**

Mass Media Bureau  
2nd Floor - 445 12th Street SW  
Washington DC 20554 USA  
Telephone (202) 418-2700

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **FAA Digital Obstacle File**

National Oceanic and Atmospheric Administration

Telephone: 301-436-8301

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

### **Airport Landing Facilities**

Federal Aviation Administration

Telephone (800) 457-6656

Private and public use landing facilities.

### **Electric Power Transmission Line Data**

PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### **Excessive Radio Frequency Emission**

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

#### Federal Contacts for Additional Information

Office of Engineering and Technology

Federal Communications Commission

445 12th Street SW

Washington, DC 20554

Phone: 202-418-2470

### **OTHER CONTACT SOURCES**

#### **NEPA Single Point of Contact**

State Contacts for Additional Information

Grants Coordination

State Clearinghouse

P.O. Box 3044

Room 222

Sacramento, CA 95812-3044

916-445-0613

### **STREET AND ADDRESS INFORMATION**

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APPENDIX B

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Environmental Checklist Form

















	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) 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 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, 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"/>
d) 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"/>
e) 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"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) 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"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) 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 checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IX. LAND USE AND PLANNING - Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
purpose of avoiding or mitigating an environmental effect?				
c) 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"/>
<b>X. MINERAL RESOURCES -- Would the project:</b>				
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"/>
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 type="checkbox"/>	<input checked="" type="checkbox"/>
<b>XI. NOISE B Would the project result in:</b>				
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"/>
b) 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"/>
c) 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"/>
d) 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 checked="" type="checkbox"/>	<input 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 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"/>
f) 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"/>
<b>XII. POPULATION AND HOUSING -- Would the project:</b>				
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)?	<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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
(e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) 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"/>
<b>XVI. UTILITIES AND SERVICE SYSTEMS B</b> Would the 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"/>
b) 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"/>
c) 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"/>
d) 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"/>
e) 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"/>
f) 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"/>
g) 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"/>
<b>XVII. MANDATORY FINDINGS OF SIGNIFICANCE --</b>				
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"/>

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No 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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>

## Addendum to Environmental Checklist

The following is an addendum to the Environmental Checklist. The addendum was prepared by staff of the Central Valley Water Board.

2. AGRICULTURAL AND FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental impacts, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department 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:

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) or timberland (as defined by Public Resources Code section 4526)?				<b>X</b>
e) Result in the loss of forest land or conversion of forest land to non-forest use?				<b>X</b>
f) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of forest land to non-forest use?				<b>X</b>

The project does not involve disturbance of, or development on, any undisturbed or forested land and therefore could not result in the loss of forest land or conversion of forest land to non-forest use.

7. GREENHOUSE GAS EMISSIONS -- Would the project:

Issues (and Supporting Information Sources):	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?				<b>X</b>
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?				<b>X</b>

The project consists entirely of improvements to an existing wastewater management system and will not create any new emissions sources or increase greenhouse gas emissions.

16. TRANSPORTATION / TRAFFIC. Would the project:

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Exceed the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?				<b>X</b>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				<b>X</b>

The project consists entirely of improvements to an existing wastewater management system and will not create any new road or highway improvements. Additionally, it will not create any additional travel demand. Therefore, it could not cause an exceedance of capacity for an existing circulation system or conflict with a congestion management program.

## SECTION III

### NEGATIVE DECLARATION

#### **Project Title**

PRIMA BELLA PRODUCE, INC. AND MARK BACCHETTI  
PRIMA BELLA FOOD PROCESSING FACILITY  
SAN JOAQUIN COUNTY

#### **Project Description**

The project is expansion of an existing food processing facility wastewater management system that occurred in 2008. The facility was operating without waste discharge requirements (WDRs). Prior to adoption of WDRs to regulate the wastewater discharge, a review of the project's potential environmental impacts is required pursuant to the California Environmental Quality Act (CEQA).

The Prima Bella food processing facility has operated at the site and presumably discharged process wastewater since the early 1970s. The facility has never had WDRs and the owner applied to the Central Valley Water Board for WDRs for the wastewater discharge. The facility does not have a County issued use permit because one was not required at the time the facility was built; no CEQA review has ever been done. The San Joaquin County Community Development Department considers the facility to be grandfathered. However, the Community Development Department has listed the facility as one that requires a Use Permit and CEQA review prior to any expansion in building square footage.

The project described herein does not involve any expansion of buildings. San Joaquin County issued building permits for the recent facility improvements, including construction of a lined wastewater pond, but those permits were ministerial because the modifications did not involve any building square footage increase. Therefore, the Central Valley Water Board will be the lead agency for any CEQA review that is required to support adoption of WDRs. The facility owner submitted an Initial Study Checklist, which is incorporated into this Initial Study.

The project under review is the construction of a wastewater pond, expansion of the existing wastewater land application area (LAA), constructing an irrigation ditch to convey supplemental irrigation water, associated wastewater conveyance improvements, and the discharge of wastewater to land. The facility is operated by Prima Bella Produce, Inc. Mark Bacchetti owns the land where the facility and land application area are located.

Prima Bella Produce, Inc. processes corn from June through October. Processing consists of conveyance, washing, trimming, and husking. Wastewater contains moderate concentrations of biochemical oxygen demand (BOD) and fixed dissolved solids (FDS). Wastewater is collected in the facility, screened, and discharged to a wastewater pond equipped with a synthetic liner. The pond is divided into a mechanically aerated treatment cell and a storage cell. The pond provides adequate storage capacity to store wastewater during the winter months; however, winter application is not prohibited if needed and consistent with the WDRs.

Wastewater is applied to a 16.3-acre land application area (LAA) cropped with grass, hay, or similar crop. Nitrogen will be taken up by the crop and the BOD will be transformed by soil microorganisms. Wastewater will typically be applied by sprinkler irrigation. Supplemental

irrigation water will be provided by the Independent Mutual Water Company and may be applied by sprinkler or flood irrigation. Excess irrigation water (tailwater) will be collected in a tailwater pond and reapplied to the LAA or returned to the wastewater pond. No discharge of wastewater to surface water will occur.

### Findings

An Initial Study was prepared for expansion of the wastewater treatment system and land application area. The Initial Study describes the potential environmental impacts and their significance. No significant impacts were identified in the initial study; therefore, no mitigation measures are required.

The project involves no potential for any significant adverse effects, either individually or cumulatively, on wildlife resources.

Copies of the Negative Declaration and the Report of Waste Discharge can be obtained by request to the Central Valley Water Board, which is the lead agency. Questions or comments should be addressed to:

Ms. Anne Olson  
California Regional Water Quality Control Board  
Central Valley Region  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670-6114  
(916) 464-4740

Original signed by  
Robert Busby for

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FREDRICK MOSS  
Assistant Executive Officer  
California Regional Water Quality Control Board  
Central Valley Region

3/29/2012

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Date