



CH2MHILL

November 25, 2009

383194.AP.PM

Ms. Felicia Miller
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: Almond 2 Power Plant (09-AFC-02)
Data Response Set 1D, Responses to CEC Staff Data Requests 18, and 77 through 79

Dear Ms. Miller:

Attached please find 13 hard copies and 1 electronic copy on CD-ROM of the Almond 2 Power Plant's Data Response Set 1D. This Data Response Set was prepared in response to California Energy Commission Staff Data Requests 18 and 77 through 79 for the Application for Certification for the Almond 2 Power Plant (09-AFC-02) dated August 13, 2009.

If you have any questions about this matter, please contact me at (916) 286-0249 or contact Susan Strachan at (530) 757-7038.

Sincerely,

CH2M HILL

Sarah Madams
AFC Project Manager

Attachment

cc: S. Strachan, Strachan Consulting
R. Baysinger, TID

DOCKET

09-AFC-2

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Almond 2 Power Plant

(09-AFC-02)

Data Responses, Set 1D

(Response to Data Requests 18 and 77 through 79)

Submitted to
California Energy Commission



With Assistance from

CH2MHILL
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November 2009

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Attachment

DR 18-1, 77-79 Natural Gas Pipeline Revision

Introduction

Attached are Turlock Irrigation District's (TID or the Applicant) responses to the California Energy Commission (CEC) Data Request Set 1 (numbers 18 and 77 through 79) regarding the Almond 2 Power Plant (A2PP) (09-AFC-02) Application for Certification (AFC).

CEC Staff's Data Request Set 1 (1-84) contained the following questions related to natural gas service for the A2PP.

18. Please provide a table listing the installations along the proposed routes of the linear facilities for which excavations would exceed 4.0 feet and indicating the depth that would be reached for each.
77. Please provide a Phase I ESA or equivalent for the proposed 9.1 or 11.1-mile natural gas pipeline.
78. a. Please identify the type of crops grown over as long a period as records indicate.

b. Please list the historical use and identity of pesticides (including organic and inorganic pesticides, and herbicides), and a statement of the likelihood of finding levels of pesticides along the pipeline route that might present a risk to pipeline workers and/or the public.
79. Please provide results of screening and analysis for pesticides or any contaminants of concern that are identified in the Phase I ESA for the gas pipeline alignment.

PG&E has now selected an alignment that is the Preferred Alignment for natural gas service for the A2PP. The Preferred Alignment includes features that reinforce and improve PG&E's gas system. In the interest of completeness, we have responded to these Data Requests, listed above, and provided a discipline-by-discipline analysis of the Preferred Alignment and Segment 1, the PG&E gas system reinforcement, as Attachment DR 18, 77-79, attached hereto. As with the two routes set forth in the AFC, we are presenting information about the Preferred Alignment in the level of detail sufficient to allow the Commission to approve this alignment. In fact, given PG&E's preference for this third alternative, the Preferred Alignment has become the Applicant's preferred natural gas line route.

Cultural Resources (18)

Background

The project description in the AFC states that the proposed A2PP site was previously used as a borrow pit for the construction of the WinCo distribution center to the north, then backfilled with commercial fill (p. 2-1). The paleontology section in the AFC states that the fill on the project site extends to approximately 6.5 feet below the surface across the entire site, and that soils disturbed by agriculture extend to 4 feet below the surface along the project's proposed linear facilities (pp. 5.8-9–5.8-10).

Staff assumes that some of the equipment that would be installed on the plant site would require foundations capable of considerable weight-bearing and that such foundations would have to extend to some depth in the ground. Staff additionally expects that over-excavation of the holes for these foundations and filling with engineered fill could be required to ensure the stability of the foundations. Auxiliary feature construction, such as excavating the retention pond and trenching for pipe installations, are also likely to require excavation to some depth. To assess potential project impacts to possible buried archaeological resources, staff needs information on the greatest depth in excess of 6.5 feet below the present surface to which excavations at the site would extend and the greatest depth in excess of 4.0 feet below the present surface to which excavations along the linear facilities would extend.

Data Requests

18. Please provide a table listing the installations along the proposed routes of the linear facilities for which excavations would exceed 4.0 feet and indicating the depth that would be reached for each.

Response: Attachment DR 18, 77-79 provides information regarding an additional 11.6-mile-long natural gas line alternative (the "Preferred Alignment") and a 1.8-mile-long reinforcement (Segment 1). The Preferred Alignment arises from TID's discussions with PG&E regarding improvements to the PG&E gas system.

Waste Management (77-79)

Background

The A2PP applicant is proposing a 9.1 or 11.1-mile natural gas pipeline that has not been evaluated in an ASTM Standard E1527-05 Standard Practice for Environmental Site Assessments (Phase I ESA) or equivalent.

Review of information in the AFC suggests the natural gas pipeline alignment transverses property where there may be current and past agricultural activity. Sites where there is or has been agricultural activity may have concentrations of pesticides in soil that can be harmful to construction personnel and the public when disturbed by project construction.

For any site in California proposed for the construction of a power plant including linear facilities, the applicant must provide documentation about the nature of any potential or existing releases of hazardous substances or contamination at the site. If potential or existing releases or contamination at the site are identified, the significance of the release or contamination would be determined by site-specific factors, including, but not limited to: the amount and concentration of contaminants or contamination; the proposed use of the area where the contaminants/contamination is found; and any potential pathways for workers, the public, or sensitive species or environmental areas to be exposed to the contaminants (Siting Regulations Appendix B (g)(12)(A)).

The A2PP natural gas pipeline alignment has not been evaluated in accordance with the regulations cited above. In order to satisfy this requirement and exercise due diligence to ensure there are no contaminants that would pose a health and safety risk, the applicant should conduct a Phase I ESA for the natural gas pipeline.

Data Request

77. Please provide a Phase I ESA or equivalent for the proposed 9.1- or 11.1-mile natural gas pipeline.

Response: Appendix H within Attachment DR 18, 77-79 provides a Phase I ESA equivalent for the 11.6-mile-long Preferred Alignment and the 1.8-mile-long Reinforcement Segment (Segment 1).

78. a. Please identify the type of crops grown over as long a period as records indicate.

b. Please list the historical use and identity of pesticides (including organic and inorganic pesticides, and herbicides), and a statement of the likelihood of finding levels of pesticides along the pipeline route that might present a risk to pipeline workers and/or the public.

Response: Records of all crops and pesticides used between 2001 and 2009 along the Preferred Alignment were provided by the Department of Agriculture & Weights and Measures for Stanislaus County and are provided as Appendix I within Attachment DR 18, 77-79. In general, agricultural crops such as alfalfa, oats, tomatoes,

beans, almonds, and grapes are cultivated adjacent to the Preferred Alignment. Pesticide use is varied along the entire alignment due to crop type, year, and personal preferences.

79. Please provide results of screening and analysis for pesticides or any contaminants of concern that are identified in the Phase I ESA for the gas pipeline alignment.

Response: No screening analysis was performed. PG&E will construct, own and operate the Preferred Alignment and Segment 1 and will prepare a soil management plan to address any potential areas of contamination during construction.

Attachment DR 18, 77-79
Natural Gas Pipeline

Attachment DR 18, 77-79

Preferred Alignment for the Natural Gas Pipeline

In support of the
Application for Certification

for the
Almond 2 Power Plant

Ceres, California
(09-AFC-02)

Submitted to the
California Energy Commission

November 2009



With Technical Assistance by
CH2MHILL
Sacramento, CA

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SECTION 1

Introduction

As set forth in the Application for Certification (AFC), at the time of filing, Pacific Gas and Electric Company (PG&E) was examining the relative strengths of two possible alignments for the natural gas pipeline. The two possible alternatives were presented in the AFC with the same level of detail to allow complete evaluation of both alternatives. Further, as indicated in the AFC, any route not selected would provide information for the California Energy Commission's Alternatives analysis.

As a result of PG&E's exhaustive review of improvements to its natural gas system, PG&E has proposed a third route, the "Preferred Alignment," described herein. To provide reliable service to the Almond 2 Power Plant (A2PP) and other PG&E customers, the Preferred Alignment also includes reinforcement of a segment of an existing natural gas pipeline along a portion of PG&E's Line #215. A list of all property owners within 500 feet of the Preferred Alignment is provided as Appendix A.

SECTION 2

Preferred Alignment

Figure 1 shows the Preferred Alignment from the A2PP to PG&E's existing natural gas pipeline Line #215 (all figures are provided at the end of the document). According to PG&E, the natural gas pipeline would be between 8 inches and 16 inches in diameter. The Preferred Alignment from PG&E's Line #215 would be approximately 11.6 miles long. In addition, PG&E needs to reinforce natural gas pipeline Line #215. The reinforcement segment, also referred to as reinforcement Segment 1, is a 1.8-mile-long reinforcement along Prune Avenue on the western side of the San Joaquin River. According to PG&E, the reinforcement segment will be 24 inches in diameter. The reinforcement Segment 1 and the Preferred Alignment are identified in Figure 1.

Moving from the north to the south, the Preferred Alignment begins at a new PG&E metering set for the A2PP to be located along the south fenceline of the existing Almond Power Plant. Also to be installed within the same area as the metering set will be a PG&E regulating station for PG&E's gas pipeline system. The regulating station is not required for the A2PP. In all alignments, the gas line would go from the meter set to the gas compressors at the A2PP site, where it would be installed on the northwest side of the A2PP. Figure 2 shows the location of the new regulating station and the meter set within the existing Almond Power Plant boundary.

The Preferred Alignment consists of six segments: A, B, C, D, E, and F, as well as the reinforcement Segment 1. These segments are shown in Figures 3 and 3-1 through 3-35, and are described in detail below.

From the meter set, the Preferred Alignment would exit the existing Almond Power Plant boundary and turn east for approximately 0.6 mile paralleling Turlock Irrigation District (TID) Lateral #2 (Segment A). At the intersection of TID Lateral #2 and Morgan Road, the Preferred Alignment would turn south and continue along Morgan Road for approximately 3 miles (Segment B). The Preferred Alignment would then turn west on East Zeering Road for approximately 0.5 mile (Segment C), and then turn south on Bystrum Road and on unpaved farm access roads for approximately 4.5 miles (Segments D and E), before turning west on W. Harding Road (paralleling the TID Lateral #5) for approximately 1.5 miles (Segment F). Next, the Preferred Alignment would turn south on an unnamed farm road for 0.3 mile, west through a farm field for 0.5 mile, and finally south on an unnamed farm road for approximately 0.7 mile, before joining with PG&E's Line #215 at W. Bradbury Road (Segment F).

The reinforcement Segment 1 would be located west of the San Joaquin River parallel to Prune Avenue and extend for approximately 1.8 miles.

TID is seeking approval of a 200-foot-wide pipeline corridor for those portions of the segments running alongside a paved road, and a 100-foot-wide pipeline corridor for those portions of the segments running through agricultural fields. The 200-foot corridor is necessary to provide flexibility in locating the pipeline given existing features such as

pipelines and other irrigation infrastructure. The width of the corridor would be smaller in some areas to avoid or minimize potential impacts on biological or other resources as depicted in Figures 3 and 3-1 through 3-35. The actual construction right-of-way within the corridor would be 85 feet wide. The permanent pipeline easement would be 50 feet wide.

As described in the AFC, it is expected that the pipeline would be installed in a relatively shallow trench. The optimal trench would be approximately 4 feet wide and 6 to 8 feet deep. If loose soil is encountered, a trench up to 8 feet wide at the top and 2 feet wide at the bottom may be required. Trench depth would be sufficient to meet the requirements of the codes and agency having jurisdiction. Moreover, the pipeline will be buried to provide a minimum cover of 4 feet. To cross under the Harding Drain and Crows Landing Road (refer to Figure 3-26), a trenchless construction method would be used.

Currently, PG&E is anticipating the use of two TID equipment storage yards for laydown areas. The first graveled equipment yard is located on the western side of the San Joaquin River at 1501 W. Marshall Road, Patterson. The second storage yard is a graveled equipment storage yard adjacent to the TID Walnut Peaking Plant and across the street from the TID Walnut Energy Center located at 600 South Washington Road, Turlock, CA. Additional laydown would be located within the pipeline corridor. If additional laydown areas are needed, they will be sited at locations that are currently graveled or paved.

SECTION 3

Environmental Analysis of the Preferred Alignment

The Preferred Alignment provides the A2PP project with the most feasible route for a reliable supply of natural gas from the A2PP plant to PG&E's natural gas Line #215. An analysis of each of the environmental areas included in the AFC is presented below. Additionally, the laws, ordinances, regulations, and standards (LORS) contained in the AFC have been reviewed to determine the Preferred Alignment's consistency with applicable LORS.

3.1 Air Quality

For the reason described below, the Preferred Alignment would not have any significant impacts on air quality. Alternate A in the AFC would have required approximately 9.1 miles of new gas supply interconnection construction from the plant site to the PG&E Line #215; whereas, Alternate B would have required about 11.1 miles of new construction. The air quality analysis presented in the AFC was based on the longer of the two routes.

The Preferred Alignment would require about 11.6 miles of new construction plus 1.8 miles for reinforcement of Segment 1, resulting in up to 2.3 miles of additional construction for the Preferred Alignment compared to those described in the AFC. According to the project engineers, this increase in pipeline length would extend the construction period slightly but would not increase the number of workers or the number of deliveries required on a daily basis. Therefore, since there would be no increase in short-term construction emission rates, and the small increase in long-term construction emissions would be spread over 2.3 miles, the resulting air quality impacts from the Preferred Alignment would be insignificant. A more detailed analysis of the air emissions associated with the Preferred Alignment is included in Appendix B. Wind erosion during construction of the Preferred Alignment is provided in Section 3.11, Soils.

3.2 Biological Resources

The Preferred Alignment for the natural gas pipeline is located to the east of the alignments set forth in the AFC (see AFC Figure 5-2). The Preferred Alignment is located largely on existing paved county roads and dirt farm access roads along the edges of cultivated agricultural fields where natural vegetation is absent, as shown in Figures 3 and 3-1 through 3-35. Biological surveys of the Preferred Alignment were conducted on June 30 and July 1, 2009, by CH2M HILL biologists Bridget Canty and Victor Leighton and again on September 2, 2009, by CH2M HILL biologists Michael Clary and Dan Weinberg. Botany surveys were conducted of the Preferred Alignment on October 12 and 17, 2009, by Virginia Dains. Additional non-protocol field surveys for giant garter snake habitat suitability were conducted by Michael Clary on September 15 and 22, 2009, and by Eric C. Hansen and Michael Clary on October 12, 2009. Resumes are provided in Appendix C.

The following biological resources were documented: potentially suitable habitat for the federally threatened giant garter snake (*Thamnophis gigas*); potentially suitable habitat for the state species of special concern western pond turtle (*Actinemys marmorata*); a single mammal burrow that large enough (7 inches across) to accommodate the federal and state endangered San Joaquin kit fox (*Vulpes macrotis mutica*); active nesting habitat for the state threatened Swainson's hawk (*Buteo swainsoni*); and active nesting habitat for the red-tailed hawk (*Buteo jamaicensis*), a species protected by the federal Migratory Bird Treaty Act (Figure 4). Additionally, potentially suitable habitat was documented for the following fish species:

- Chinook salmon (*Oncorhynchus tshawytscha*), Central Valley steelhead (*O. mykiss*), and green sturgeon (*Acipenser medirostris*) (all federally listed as threatened)
- Sacramento splittail (*Pogonichthys macrolepidotus*) and hardhead (*Mylopharodon conocephalus*), both state species of special concern

3.2.1 Giant Garter Snake

The Preferred Alignment would cross several dirt-lined drainages that potentially provide habitat for the giant garter snake (see Figure 1 in Appendix D). These channels are generally dirt-lined with emergent or riparian vegetation in widths ranging from 1 to 30 feet. The nearest documented occurrence of this species was located near the community of Gustine in Merced County and approximately 11.5 miles south of the Preferred Alignment in 1976 (Hansen, 2009; see Appendix D). The Preferred Alignment is not expected to affect individuals or habitat for the giant garter snake. Implementation of the following avoidance, minimization, and mitigation measures will be expected to avoid incidental take and maintain habitat conditions (Hansen, 2009):

- Avoid direct construction activities within potential giant garter snake aquatic habitat by using underground technology (horizontal directional drill) to place the gas pipeline under channels. Implementing a contingency plan for a "frac-out" will minimize and contain drilling mud prior to reaching aquatic habitat.
- Minimize construction activities in upland habitat within 200 feet of the banks of giant potential garter snake aquatic habitat. Confine movement of heavy equipment to existing roadways to minimize habitat disturbance.
- Conduct construction activity within giant garter snake habitat between May 1 and October 1. This is the active period for giant garter snakes and direct mortality is lessened, because snakes are expected to actively move and avoid danger. Between October 2 and April 30, when giant garter snakes typically hibernate in underground burrows, the U.S. Fish and Wildlife Service's (USFWS) Sacramento Office would be contacted to determine whether additional measures are necessary to minimize and avoid take.
- Confine clearing to the minimum area necessary to facilitate construction activities. Flag and designate avoided giant garter snake habitat within or adjacent to the Project Area as Environmentally Sensitive Areas. This area should be avoided by all construction personnel.
- Provide USFWS-approved worker environmental awareness training for all construction personnel. This training instructs workers to recognize giant garter snakes and their habitat(s), as well as other special-status species.

- Worker environmental awareness training will include an educational brochure with color photographs of special-status species, including the giant garter snake, as well as a discussion of minimization measures agreed to by the Applicant and the resource agencies.
- A USFWS-approved biologist shall monitor during construction to ensure that any exclusion zones are observed and maintained for the duration of construction.
- Survey the Project Area for giant garter snakes 24 hours prior to construction activities. The survey should be repeated if a lapse in construction activity of 2 weeks or greater has occurred. If a snake is encountered during construction, activities shall cease until either the snake moves away from the work area on its own or the USFWS-approved biological monitor moves the snake out of harm's way. Report any sightings and any incidental take to the biological monitor and/or PG&E, who will notify the USFWS immediately by telephone at (916) 414-6600.
- Allow any dewatered habitat to remain dry for at least 15 consecutive days after April 15 and prior to excavating or filling of the dewatered habitat.
- After completion of construction activities, remove any temporary fill and construction debris and, wherever feasible, restore disturbed areas to pre-project conditions. Restoration work may include such activities as replanting vegetation species removed from banks or replanting emergent vegetation in the active channel.
- Follow the conservation measures in Table 3.2-1 to minimize the effects of loss and disturbance of habitat on giant garter snakes, should it occur. Habitat replacement ratios are based on the acreage and on the duration of disturbance. Construction of the Preferred Alignment will result in less than 20 acres of temporary impacts, which would occur within one season (Level 1). Level 1 conservation measures would be implemented for the project.

TABLE 3.2-1

Summary of Conservation Measures for U.S. Army Corps of Engineers Section 404-Permitted Projects with Relatively Small Effects on the Giant Garter Snake

Level	Impacts: Duration	Impacts: Acres	Conservation Measure: Compensation
1	1 season	Less than 20 and temporary	Restoration
2	2 seasons	Less than 20 and temporary	Restoration plus 1:1 replacement
3	More than 2 seasons and temporary	Less than 20 and temporary	3:1 Replacement (or restoration plus 2:1 replacement)
	Permanent loss	Less than 3 acres total giant garter snake habitat and Less than 1 acre aquatic habitat; or Less than 218 linear feet bank habitat	3:1 Replacement

Source: USFWS, 1997

3.2.2 Western Pond Turtle

Potentially suitable western pond turtle habitat overlaps areas that are also considered potentially suitable for the giant garter snake (Figure 4). The nearest documented occurrence of this species was located in Harding Drain, approximately 1 mile east of the Preferred Alignment in 1999. The Preferred Alignment is not expected to affect individuals or aquatic habitat for the western pond turtle. The following measures will be implemented to avoid, minimize, or mitigate incidental take and maintain habitat conditions:

- Preconstruction surveys will be conducted in each project area no more than 48 hours prior to ground-disturbing activities to look for potential pond turtle nest locations.
- If active upland nesting areas for pond turtles are identified within the project area, a buffer area of 100 feet (City of Fremont, 2008) shall be established between the nesting site (which may be immediately adjacent to waters/wetlands or extend up to 400 feet away from waters/wetland areas in uplands) and the water/wetland located near the nesting site. These buffers shall be indicated by temporary fencing if construction has begun or will begin before nesting periods are ended (the period from egg laying to emergence of hatchlings is normally April to November). Construction activities within the buffer may proceed once the turtles are able to move on their own.
- If non-nesting pond turtles are identified within the corridor, a biological monitor shall remain onsite during all ground-disturbing activities within or adjacent to the water/wetland to ensure that no turtles are harmed.
- Project personnel will implement precautions (e.g., awareness training, low speed limits, and inspection of vehicles and other equipment prior to operation) to avoid pond turtle mortality associated with project activities.
- Provide worker environmental awareness training for all construction personnel. This training instructs workers to recognize the pond turtle and its habitat, as well as other special-status species.
- Relocation of any western pond turtles found in the construction zone will be performed only by a CDFG authorized biologist.

3.2.3 San Joaquin Kit Fox

One mammal burrow that was identified along the Preferred Alignment (Figure 4) is large enough (7 inches across) to accommodate the San Joaquin kit fox. The entrance of this burrow is not the traditional keyhole shape associated with the species, and a second possible entrance was overgrown and largely filled in with only enough room to permit entry by the smallest of rodents. Some *Canid* scat and a variety of tracks including those from a small *Canid* (dog or fox) and a variety of rodents and birds were documented in the vicinity. The burrow is atop an artificial mound that may be covering an irrigation pipe. Several other smaller mammal burrows, presumably belonging to California ground squirrels, are scattered throughout this area. The habitat immediately west of the mound is an actively farmed agricultural field most recently planted with a silage crop. An unpaved farm road is immediately east of the mound. The vegetation on the mound is a patchy mix of Johnson grass, thistle, and other non-native, weedy herbs. Based on the existing site conditions and the lack of documented San Joaquin kit fox sign in Stanislaus County from

Interstate 5 in the western portion of the county to La Grange in the extreme southeastern corner of the county (USFWS, 1998), this burrow is very unlikely to be of the San Joaquin kit fox. More likely, this shelter is an older, enlarged burrow belonging to a family of California ground squirrels. USFWS is evaluating whether an exclusion zone would be appropriate to avoid impacts to the burrow rather than conducting additional surveys to determine presence/absence of the kit fox. If USFWS and the Applicant agree upon an exclusion zone, then the following measures must be observed to avoid impacts to this species:

- Establish an exclusion zone around the burrow site by placing 4 to 5 flagged stakes at a distance to be determined from the den entrance.
- Worker environmental awareness training should be conducted for any project that has expected impacts to kit fox or other special-status species. The training should consist of a video presentation by a person knowledgeable in kit fox biology and legislative protection to explain endangered species concerns to contractors, their employees, and military and agency personnel involved in the project. The training should include the following: a description of the San Joaquin kit fox and its habitat needs; a report of the occurrence of kit fox in the project area; an explanation of the status of the species and its protection under the Endangered Species Act; and a list of measures being taken to reduce impacts to the species during project construction and implementation.
- Worker environmental awareness training will also include an educational brochure with color photographs of special-status species including the San Joaquin kit fox, as well as a discussion of minimization measures agreed to by the Applicant and the resource agencies.
- To prevent inadvertent entrapment of kit foxes or other animals during the construction phase of a project, all excavated, steep-walled holes or trenches more than 2 feet deep should be covered at the close of each working day by plywood or similar materials, or provided with one or more escape ramps constructed of earth fill or wooden planks. Before such holes or trenches are filled, they should be thoroughly inspected for trapped animals.
- Construction and other project activities should be prohibited or greatly restricted within the exclusion zone. Only essential vehicle operation on existing roads and foot traffic should be permitted. Otherwise, all construction, vehicle operation, material storage, or any other type of surface-disturbing activity should be prohibited within the exclusion zones.
- Project-related vehicles should observe a 20-mph speed limit in all project areas, except on county roads and State and Federal highways; this is particularly important at night when kit foxes are most active. To the extent possible, night-time construction should be minimized. Off-road traffic outside of designated project areas should be prohibited.
- All construction pipes, culverts, or similar structures with a diameter of 4 inches or greater that are stored at a construction site for one or more overnight periods should be thoroughly inspected for kit foxes before the pipe is subsequently buried, capped, or otherwise used or moved in any way. If a kit fox is discovered inside a pipe, that section of pipe should not be moved until USFWS has been consulted. If necessary, and under

the direct supervision of the biologist, the pipe may be moved once to remove it from the path of construction activity, until the fox has escaped.

- All food-related trash items such as wrappers, cans, bottles, and food scraps should be disposed of in closed containers and removed at least once a week from a construction or project site.
- No firearms shall be allowed on the project site.
- To prevent harassment, mortality of kit foxes or destruction of dens by dogs or cats, no pets should be permitted on project sites.
- A representative shall be appointed by the project proponent who will be the contact source for any employee or contractor who might inadvertently kill or injure a kit fox or who finds a dead, injured or entrapped individual. The representative will be identified during the employee education program. The representative's name and telephone number shall be provided to USFWS.
- Upon completion of the project, all areas subject to temporary ground disturbances, including storage and staging areas, temporary roads, pipeline corridors, etc. should be recontoured if necessary and revegetated to promote restoration of the area to pre-project conditions. An area subject to "temporary" disturbance means any area that is disturbed during the project, but that after project completion will not be subject to further disturbance and has the potential to be revegetated. Appropriate methods and plant species used to revegetate such areas should be determined on a site-specific basis in consultation with USFWS, CDFG, and revegetation experts.
- In the case of trapped animals, escape ramps or structures should be installed immediately to allow the animal(s) to escape, or the Service should be contacted for advice.
- Any contractor, employee, or military or agency personnel who inadvertently kills or injures a San Joaquin kit fox shall immediately report the incident to their representative. This representative shall contact the CDFG immediately in the case of a dead, injured, or entrapped kit fox. The CDFG contact for immediate assistance is State Dispatch at (916) 445-0045. They will contact the local warden or biologist.
- The Sacramento Fish and Wildlife Office and CDFG will be notified in writing within 3 working days of the accidental death or injury to a San Joaquin kit fox during project related activities. Notification must include the date, time, and location of the incident or of the finding of a dead or injured animal and any other pertinent information. The Service contact is the Chief of the Division of Endangered Species, at the addresses and telephone numbers given below. The CDFG contact is Mr. Ron Schlorff at 1416 9th Street, Sacramento, California, 95814, (916) 654-4262.

If impacts to a known or natal den are unavoidable, a mitigation plan and incidental take statement would likely be required as part of the biological assessment.

3.2.4 Swainson's Hawk

Swainson's hawks were confirmed to nest in the vicinity of the Preferred Alignment (see Figure 4). Two active nests were confirmed within approximately 0.5 mile of the pipeline. Implementation of the following avoidance, minimization, and mitigation measures will be expected to avoid potential impacts:

- Preconstruction field surveys (conducted under CDFG guidelines) to identify new and verify old active nest sites will be conducted in the spring (March and April), before construction begins.
- If active nest sites are found within 0.5 mile of project activity (CDFG, 1994), the designated biologist or appropriate representative identified by the designated biologist will contact CDFG about establishing an appropriate buffer zone and other avoidance and minimization measures.
- Provide USFWS-approved worker environmental awareness training for all construction personnel. This training instructs workers to recognize Swainson's hawk and its habitat, as well as other special-status species.
- Worker environmental awareness training will include an educational brochure with color photographs of special-status species including the Swainson's hawk, as well as a discussion of minimization measures agreed to by the Applicant and the resource agencies.
- The designated biologist, in conjunction with the CDFG warden, will postpone work in that area if it appears the activities will impede reproductive success.

3.2.5 Burrowing Owl

No burrowing owls (*Athene cunicularia*) or active burrows were documented during protocol surveys conducted in 2009. A preconstruction clearance survey will be conducted prior to the initiation of construction to identify any newly active burrows. If active burrows are identified, the following avoidance and minimization measures will be implemented to avoid impacts:

- Provide USFWS-approved worker environmental awareness training for all construction personnel. This training instructs workers to recognize burrowing owl and its habitat, as well as other special-status species.
- Worker environmental awareness training will include an educational brochure with color photographs of special-status species including the burrowing owl, as well as a discussion of minimization measures agreed to by the Applicant and the resource agencies.
- A qualified biologist will monitor during construction for signs of disturbance. If burrowing owls show signs of disturbance (e.g., flushing or territorial behaviors) an exclusion zone of 160 feet will be established during the non-nesting (August to February 1) season and 250 feet during the nesting season.

- If construction cannot be avoided within the exclusion zone, an experienced burrowing owl biologist or PG&E biologist will develop a site-specific plan (i.e., a plan that considers the type and extent of the proposed activity, the duration and timing of the activity, the sensitivity and habituation of the owls, and the dissimilarity of the proposed activity with background activities) to minimize the potential to affect the reproductive success of the owls.
- Evaluations of work within the exclusion zones will be performed in consultation with the local CDFG representative.

3.2.6 Fish

The Preferred Alignment will cross the Harding Drain shortly before the pipeline's southern terminus. Irrigation canals in the project area supply water to agricultural fields and drain tailwater back to detention basins or to canals and drainages that lead to the Harding Drain, which then empties into the San Joaquin River. Water from the Harding Drain flows into the San Joaquin River by gravity flow through flap gates approximately 1.1-miles west of Segment F (Figures 3-24 through 3-31). Sacramento splittail, hardhead, Chinook salmon, and Central Valley steelhead could potentially enter the Harding Drain from the San Joaquin River through the flap gates when the flow in the river is higher than that of the drain. However, Harding Drain is not considered habitat for spawning fish, and fish that enter the drain most likely do not thrive because of unfavorable water temperatures and lack of spawning substrate. Water for agricultural activities in the Project Area is diverted from the Tuolumne River and used for irrigation prior to being discharged through a series of canals and ditches into Harding Drain. The confluence of the Tuolumne River with the San Joaquin River is downstream of Harding Drain. Stray fish in Harding Drain could be vulnerable to sedimentation and changes in water quality from drilling mud to unintentionally enter the drain during horizontal directional drilling. Implementing a contingency plan for a "frac-out" will minimize and contain drilling mud prior to reaching downstream reaches in Harding Drain. The drilling mud will be vacuumed into a frac truck and disposed offsite in an approved landfill. Because the roadside areas, drainages, and Harding Drain do not represent high-quality wildlife habitat, construction of the gas pipeline will not result in significant impacts to biological resources.

3.2.7 Vernal Pool Crustaceans

No areas of ponding that may provide habitat for listed vernal pool crustaceans were identified within the Preferred Alignment. Surveys of the Preferred Alignment were conducted during the dry season when ponding would not have been evident. Accordingly, followup surveys within the Preferred Alignment will be conducted after a significant rain event (resulting in pooling of greater than 6 inches in areas previously identified as ponding during winter 2008 surveys of the project vicinity) during winter 2009-2010 to determine if areas of ponding are present. If potentially suitable habitat for listed vernal pool crustaceans is identified during the winter survey, it will be mapped and avoided during construction. An exclusion zone will be delineated with brightly colored flagging around the boundaries of any seasonal ponds/pools. The exclusion zone shall apply as long as there is standing water.

3.2.8 Valley Elderberry Longhorn Beetle

Two blue elderberry bushes were observed in the Project Area during the 2009 surveys. No exit holes associated with the Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) were documented in these bushes. Therefore, this species is not present and thus no impacts would result from the Preferred Alignment.

3.2.9 Rare Plants

No rare plants were identified during the field surveys conducted in October 2009. A summary report is provided as Appendix E. A follow-up rare plant survey is planned for spring 2010 to verify the results of the October surveys. The spring survey will target Merced monardella (*Monardella leucocephala*) and other spring-blooming species that are not as easily discernable during fall surveys. Rare plants are not expected to occur within the highly disturbed agricultural habitats along the Preferred Alignment (Dains, 2009); however, in the unlikely event that rare plants are identified within the Preferred Alignment impact area during the spring survey, avoidance and minimization measures will be developed to avoid impacts to individuals and populations.

3.2.10 Wetlands and Waters

No wetlands were identified within the Preferred Alignment during a wetland delineation conducted in October 2009. TID is in informal consultations with USACE to determine jurisdictionality of the crossings.

3.2.11 Conclusions

The Preferred Alignment would not result in any potential significant impacts. Measures will be implemented to avoid or minimize impacts to individual giant garter snakes, western pond turtles, Swainson's hawks, red tailed hawks, and fish and their habitat. No direct impacts are expected to any wetlands or waterbodies that may qualify as waters of the United States because PG&E, in conjunction with TID, would either avoid these waterbodies altogether or cross them using horizontal directional drilling or other techniques as determined by PG&E. The Preferred Alignment would comply with applicable LORS, and any potential biological resources impacts would be less than significant

3.3 Cultural Resources

The Preferred Alignment (Figure 1) is predominantly along paved roadways and unpaved farm access roads between property parcels. The Preferred Alignment is disturbed by transmission lines, underground gas lines, grading for paved and dirt roads, and building construction or parking. Underground irrigation pipes are located along the Preferred Alignment, as well as relief standpipes and gate structures to control water flow. A complete analysis regarding the cultural resources in the area is provided in Appendix F.

A literature search of the area was conducted in September 2009. Results of the literature search are provided in Appendix F. On September 22 through September 24, 2009, CH2M HILL conducted an intensive pedestrian field survey of the Preferred Alignment. Portions of the Preferred Alignment follow existing roadways. For these portions, the

survey included a 200-foot-wide corridor, 100 feet from each side of the road. For all other portions of the Preferred Alignment not following existing paved roads (i.e., farm roads and property lot line boundaries), a 100-foot-wide corridor was surveyed, 50 feet on both sides of centerline. Figures 5A through 5D identify the survey corridor for the Preferred Alignment. The Preferred Alignment is located in an agricultural area. Most fields were plowed and open, while others were planted and offered limited or no visibility. Visibility for the survey ranged from excellent along paved roads to poor within agricultural fields.

No cultural resources were observed as a result of the pedestrian field survey of the Preferred Alignment. There are no known cultural resources located within the Preferred Alignment that are eligible for listing in the National Register of Historic Places or the California Register of Historic Resources.

The revised gas line route would not result in potential impacts greater than those analyzed in the AFC, and no LORS would change as a result of the revised route. Therefore, any potential cultural resources impacts associated with this Supplement would be less than significant.

3.4 Geologic Resources and Hazards

The Preferred Alignment is along existing paved roads and farm access roadways that have been previously disturbed by agricultural and road maintenance activities. Figure 6 identifies the geology within 2 miles of the Preferred Alignment. Because the Preferred Alignment has been subjected to previous ground disturbance and any new excavation would be relatively shallow, the Preferred Alignment would not result in potential impacts greater than those analyzed in the AFC, and the Preferred Alignment complies with applicable LORS. Consequently, any potential geological resource impacts would be less than significant.

3.5 Hazardous Materials Management

The chemical inventory for the A2PP (Table 5.5-2 in the Hazardous Materials section of the AFC) would not change with the Preferred Alignment. The Preferred Alignment would not result in any further modifications to the A2PP chemical inventory, would not result in any potential impacts greater than those analyzed in the AFC, and would remain in compliance with applicable LORS. Therefore, any potential hazardous materials management impacts would be less than significant.

3.6 Land Use

The City of Ceres has land use jurisdiction over Segment A of the Preferred Alignment north of the TID Lateral #2. Stanislaus County has jurisdiction over all segments of the gas line south of TID Lateral #2 and reinforcement Segment 1.

Table 3.6-1 lists the City and County General Plan land use designations and allowable uses crossed by the Preferred Alignment. Figure 7 identifies the general plan land use designations along the Preferred Alignment and Segment 1.

TABLE 3.6-1
General Plan Land Use Designations and Allowable Uses*

Land Use Designation	Allowable Uses
City of Ceres	
General Industrial (GI)	Designation is applied primarily in the western area of the General Plan Planning Area and allows for a wide range of industrial uses. It provides for large-scale industrial/manufacturing uses, including manufacturing, food processing, motor vehicle service and repair, contractor yards, feed and fuel facilities, truck yards and terminals, warehousing and storage, wholesale, solid waste management and recycling, construction supplies and building material facilities, offices, and recreational uses. Uses located on sites adjacent to rail lines, major streets, and good freeway access are desirable. Due to the nature of the allowable activities, natural gas pipelines are considered to be an allowable use.
Community Facilities (CF)	Applies to the City's major public and private facilities and institutional uses, including the existing Almond Power Plant. Most common are public safety facilities (i.e., fire stations).
Stanislaus County	
General Agriculture	Most of Stanislaus County is productive agricultural land. The land use designation is intended to preclude incompatible urban development within agricultural areas. The General Plan recognizes that areas identified as suitable for open space, recreation uses, or ranchette areas, including those in South Ceres, are also appropriate for the Agriculture designation. Stanislaus County allows utility development within General Agricultural districts (as a Tier 3 use) by issuance of a permit, provided that the proposed use does not conflict with the agricultural uses in the vicinity and is not located within a productive agricultural area.

Sources: City of Ceres, 1997, 2008; Stanislaus County, 2000

*This table replaces portions of Table 5.6-3 in the AFC.

Table 3.6-2 lists the City and County zoning designations and allowable uses crossed by the Preferred Alignment. Figure 8 identifies the zoning designations along the Preferred Alignment and Segment 1.

TABLE 3.6-2
Zoning Designations and Allowable Activities*

Zoning Designation	Allowable Uses
City of Ceres	
Planned Community (PC)-50	<p>The purpose of the PC District is to establish a level of planning for development of land and to encourage innovative design while ensuring good land use relationships and compatibility of uses. PC-50 is governed by the Service Road Industrial Master Plan, which permits community facilities, wholesale and community commercial, and light and general industrial, all as defined by the Ceres Municipal Code.</p> <p>Uses and development standards within the PC zone are governed by the corresponding zones contained in the Ceres Municipal Code. The Master Plan zone designation applicable to Natural Gas Segment A is M-2 General Industrial. These uses are for the development of heavy industrial uses. As defined by the Ceres Municipal Code, principal uses in the General Industrial zones include manufacturing, processing and packaging; rail yards and repair shops, truck and motor terminals, and public and quasi-public storage and corporation yards. Due to the nature of the allowable activities, natural gas lines are considered to be consistent with these plans and policies.</p>
Stanislaus County	
General Agriculture District (A-2-40)	<p>The purpose of this District is to support and enhance agriculture as the predominant use in unincorporated areas of the County, and to protect open space lands. Public utility development may be allowed (as a Tier 3 use) when the Planning Commission finds that the use as proposed will not 1) be substantially detrimental to or in conflict with the agricultural use of the property or in the vicinity, and 2) be located in one of the County's most productive agricultural areas, as defined by the General Plan and approved by the County.</p>

Sources: City of Ceres, 2008; Stanislaus County, 2008 and 2007.

* This table replaces portions of Table 5.6-4 in the AFC related to the gas pipeline.

A review of the "Important Farmlands" mapping by the Farmland Mapping and Monitoring Program (FMMP) shows that the Preferred Alignment would cross designated farmland. For the natural gas segments traversing main roads, a 100-foot-wide buffer on either side of the road was assumed to be potentially affected. Table 3.6-3 summarizes the designated "Important Farmlands" to be crossed by each natural gas segment. Table 3.6-4 summarizes additional Williamson Act parcels potentially affected by the route. Important farmlands are shown in Figure 9.

TABLE 3.6-3
Potentially Affected Lands with Important Farmland Designations

Natural Gas Segment*	Important Farmland Designation(s)
Segment A; East along TID Lateral #2 between A2PP and Morgan Road	Prime Farmland
Segment B: South along Morgan Road and farm roads between TID Lateral #2 and East Zeering Road	Prime Farmland, Unique Farmland, Farmland of Local Importance, Urban and Built-Up Land
Segment C: East along East Zeering Road and farm roads between Bystrum Road and Morgan Road	Unique Farmland, Farmland of Local Importance
Segment D: South along Bystrum Road and farm roads between East Zeering Road and El Katrina Lane	Prime Farmland, Farmland of Statewide Importance, Unique Farmland, Rural Residential and Commercial Land
Segment E: South along Bystrum Road and farm roads between El Katrina Lane and Harding Road	Prime Farmland, Farmland of Statewide Importance, Unique Farmland
Segment F: Parallel to Harding Drain, and south of Harding Drain	Prime Farmland, Farmland of Statewide Importance, Unique Farmland
Reinforcement Segment 1: East along Prune Avenue	Prime Farmland

* Although gas line segments are identified as along roads, the final placement of the line has not been determined. The gas line would be located within a 200-foot-wide corridor when the gas line alignment follows along a road and a 100-foot-wide corridor when the alignment traverses private property.

Source: FMMP, 2007

TABLE 3.6-4
Williamson Act Status of Parcels Affected by Alignment of the Natural Gas Segments*

Assessor's Parcel Number	Williamson Act Status? (Y/N)
Natural Gas Route A—East along TID Lateral #2 between A2PP and Morgan Road	
041-006-026	N
Natural Gas Route B—South along Morgan Road and farm roads between TID Lateral #2 and East Zeering Road	
041-046-020	N
041-049-022	Y
041-048-007	N
041-050-010	Y
041-050-001	N
022-010-001	Y
022-011-010	Y
Natural Gas Route C—East along East Zeering Road and farm roads between Bystrum Road and Morgan Road	
022-010-002	Y
022-010-007	Y
022-010-006	Y
022-010-001	Y

TABLE 3.6-4
Williamson Act Status of Parcels Affected by Alignment of the Natural Gas Segments*

Assessor's Parcel Number	Williamson Act Status? (Y/N)
Natural Gas Route D—South along Bystrum Road and farm roads between East Zeering Road and El Katrina Lane	
022-026-012	Y
022-026-014	Y
022-010-007	Y
022-010-013	N
022-026-013	N
022-028-001	N
Natural Gas Route E—South along Bystrum Road and farm roads between El Katrina Lane and Harding Road	
058-007-007	Y
058-007-008	Y
058-020-004	N
058-007-001	Y
058-020-005	Y
058-006-002	Y
058-006-011	Y
022-038-002	Y
058-021-001	N
058-021-004	Y
022-037-008	Y
058-021-002	Y
022-037-003	Y
Natural Gas Route F—Parallel to Harding Drain, and South of Harding Drain	
058-023-024	Y
058-023-002	Y
058-023-005	Y
058-023-025	Y
Reinforcement Segment 1	
No parcels affected.	N/A

* This table replaces portions of Table 5.6-2 in the AFC.

The portion of the gas line that is north of TID Lateral #2 between the A2PP and Morgan Road is located on lands under the jurisdiction of the City of Ceres. It is consistent with City zoning and land use policies for PC-50 (M-2 General Industrial and CF Community Facility) designated lands. Natural gas pipelines are considered to be an allowable use on General Industrial and Community Facility lands.

The remaining portion of the gas line is consistent with Stanislaus County zoning and land use policies for lands designated as General Agriculture. Stanislaus County allows utility development within General Agricultural districts (as a Tier 3 use), provided that the Planning Commission finds that the use as proposed will not (1) be substantially detrimental to or in conflict with the agricultural use of the property or in the vicinity,

and (2) be located in one of the County's most productive agricultural areas, as defined by the General Plan and approved by the County. To date, the County has not defined or identified Countywide productive agricultural areas, and therefore evaluates development proposals on a case-by-case basis. Factors considered in approving Tier 3 uses include soil type, potential for agricultural production, the availability of irrigation water, ownership and parcel patterns, uniqueness and flexibility of use, existence of Williamson Act contracts, and existing uses and their contributions to the agricultural sector of the local economy (Stanislaus County, 2000).

The Preferred Alignment would cross or be adjacent to lands designated as "Prime Farmland." The portion of the gas line that is parallel to TID Lateral #2 between the A2PP and Morgan Road and reinforcement Segment 1 would not cross any parcels with Williamson Act contracts. The remaining portions of the gas line would cross at least three parcels with Williamson Act contracts. Per Government Code §51238(a)(1) and County zoning (Stanislaus County, 2008), the erection, construction, alteration, or maintenance of gas lines are considered compatible uses on Williamson Act contracted lands, provided that the long-term productivity of the land is not compromised, agricultural uses are not significantly impaired or displaced, and the use does not result in significant removal of adjacent contracted land from agricultural use. Because the natural gas pipeline would be underground, construction would be temporary, the permanent easement area is narrow, the long-term productivity of the land is not compromised by the underground pipeline, agricultural uses are not significantly impaired or displaced due to temporary construction-related and operations impacts, and the use does not result in significant removal of adjacent contracted land from agricultural use, the impacts would be less than significant.

3.7 Noise and Vibration

The Preferred Alignment would not require the installation of any noise-producing equipment beyond that discussed in the AFC. The Preferred Alignment would not result in potential impacts greater than those analyzed in the AFC and would be consistent with applicable LORS. Therefore, any potential noise and vibration impacts would be less than significant.

3.8 Paleontology

The Preferred Alignment is located adjacent to existing paved roads and farm access roadways that have been previously disturbed by agricultural and road maintenance activities. Because the Preferred Alignment has been subjected to previous ground disturbance activities and any new excavation would be relatively shallow, the Preferred Alignment would not result in potential impacts greater than those analyzed in the AFC and would comply with applicable LORS. Because mitigation measures proposed in the AFC would be employed, any potential paleontological resource impacts would be less than significant given application of those mitigation measures.

3.9 Public Health

The temporary construction-related impacts associated with the Preferred Alignment would not result in a significant increase in air pollutant emissions. Therefore, the Preferred Alignment would not result in potential public health impacts greater than those analyzed in the AFC and would comply with applicable LORS. As discussed in Appendix B (Air Quality), there would be no short-term daily increases in emissions from pipeline construction, so there would be no change in acute health impacts. The increase in total emissions during construction of the Preferred Alignment would be minimal and would be spread over a large area so that no single receptor would be expected to experience a significant increase in exposure. Therefore, any potential public health impacts would be less than significant.

3.10 Socioeconomics

The construction workforce for the Preferred Alignment would not change substantially from that presented for the other alternatives in the AFC. It is estimated that the Preferred Alignment would require a maximum of 2 additional months of construction activity, resulting in a slight increase in total workforce payroll and related benefits. Material costs would increase slightly, but not significantly. Construction of the Preferred Alignment would not result in a substantial change in local purchases of materials or local construction labor. The Preferred Alignment would not result in potential impacts or benefits substantially greater than those analyzed in the AFC and would comply with applicable LORS. Therefore, any potential socioeconomic impacts would be less than significant.

3.11 Soils

Table 3.11-1 provides the detailed soil map unit characteristics for the additional soil units crossed by the Preferred Alignment and also identifies the soil mapping units. Soil classification of the Preferred Alignment is provided in Figure 10. The other soil units in the project area are covered in the AFC.

TABLE 3.11-1
Soil Mapping Unit Descriptions and Characteristics*

Map Unit	Description
Fra	<p>Fresno fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes</p> <p>Portions of the proposed PG&E gas line cross this soil unit.</p> <p>Parent material: Alluvium derived from granite Typical profile: Fine sandy loam over sandy clay loam over silt loam. Cemented horizon in subsoil, typically around 38 inches below ground surface. Shrink-swell capacity: Moderate Depth and drainage: Moderately deep over cemented silica hardpan; moderately well drained Permeability: Very slow; small pools of water commonly persist during wet winters Runoff: Very high Farmland class: Not a Prime or Important Farmland Storie index: Grade 5 - Very poor Capability class: 4s (irrigated), 6s (non-irrigated) Taxonomic class: Fine-loamy, mixed, superactive, thermic Natric Durixeralfs</p>
Hdda	<p>Hanford sandy loam, poorly drained variant, 0 to 1 percent slopes</p> <p>Portions of the proposed PG&E gas line cross this soil unit.</p> <p>Parent material: Alluvium derived from granite Typical profile: Sandy loam throughout Shrink-swell capacity: Low Depth and drainage: Very deep; poorly drained Permeability: Moderately rapid Runoff: Negligible to low Farmland class: Prime Farmland if irrigated Storie index: Grade 4 – Poor Capability class: 2w (irrigated), 4w (non-irrigated) Taxonomic class: Coarse-loamy, mixed, superactive, nonacid, thermic Typic Xerorthents</p>
Tpa	<p>Traver sandy loam, slightly saline-alkali, 0 to 1 percent slopes</p> <p>Portions of the proposed PG&E natural gas line cross this soil unit.</p> <p>Parent material: Alluvium derived from granite Typical profile: Sandy loam throughout Shrink-swell capacity: Low Depth and drainage: Very deep; moderately well drained Permeability: Moderate to slow Runoff: Slow Farmland class: Prime Farmland if irrigated Storie index: Grade 3 – Fair Capability class: 2s (irrigated), 6s (non-irrigated) Taxonomic class: Coarse-loamy, mixed, superactive, thermic Natric Haploxeralfs</p>
101	<p>Capay clay, wet, 0 to 2 percent slopes</p> <p>Portions of the proposed PG&E gas pipeline reinforcement Segment 1 cross this soil unit.</p> <p>Parent material: Alluvium derived from sandstone and shale Typical profile: Clay throughout Shrink-swell capacity: High Depth and drainage: Very deep; moderately well drained Permeability: Slow to very slow Runoff: Negligible to high Farmland class: Prime Farmland if irrigated Storie index: Grade 3 – Fair Capability class: 2w (irrigated), 4w (non-irrigated) Taxonomic class: Fine, smectitic, thermic Typic Haploxererts</p>

TABLE 3.11-1
Soil Mapping Unit Descriptions and Characteristics*

Map Unit	Description
131	Stomar clay loam, wet, 0 to 2 percent slopes
	Portions of the proposed PG&E gas pipeline reinforcement Segment 1 cross this soil unit.
	Parent material: Alluvium from sedimentary rock
	Typical profile: Clay loam over clay and clay loam
	Shrink-swell capacity: Moderate to high
	Depth and drainage: Very deep; well drained
	Permeability: Slow
	Runoff: Negligible to high
	Farmland class: Prime Farmland if irrigated
	Storie index: Grade 1 – Excellent
	Capability class: 2w (irrigated), 4w (non-irrigated)
	Taxonomic class: Fine, smectitic, thermic Mollic Haploxeralfs
170	Dospalos-Bolfar complex, 0 to 2 percent slopes, occasionally flooded
	Portions of the proposed PG&E gas pipeline reinforcement Segment 1 cross this soil unit
	Parent material: Alluvium derived from granite
	Typical profile: Clay to clay loam over clay loam to loam
	Shrink-swell capacity: Moderate to high
	Depth and drainage: Very deep; poorly drained
	Permeability: Slow to moderately slow
	Runoff: Negligible to medium
	Farmland class: Prime Farmland if irrigated
	Storie index: Grade 3 – Fair; Grade 4 - Poor
	Capability class: 2w (irrigated), 4w (non-irrigated)
	Taxonomic class: Fine, smectitic, calcareous, thermic Vertic Endoaquolls; Fine-loamy, mixed, superactive, calcareous, thermic Cumulic Endoaquolls
175	Dospalos-Bolfar complex, 0 to 2 percent slopes, rarely flooded
	Portions of the proposed PG&E gas pipeline reinforcement Segment 1 cross this soil unit
	Parent material: Alluvium derived from granite
	Typical profile: Clay loam over clay loam to loam
	Shrink-swell capacity: Moderate to high
	Depth and drainage: Very deep; poorly drained
	Permeability: Slow to moderately slow
	Runoff: Negligible to medium
	Farmland class: Prime Farmland if irrigated
	Storie index: Grade 3 - Fair
	Capability class: 2w (irrigated), 4w (non-irrigated)
	Taxonomic class: Fine, smectitic, calcareous, thermic Vertic Endoaquolls; fine-loamy, mixed, superactive, calcareous, thermic Cumulic Endoaquolls

Note: Map units FrA, HddA, RkA, and TpA are found in the Soil Survey of Eastern Stanislaus Area, California. Map units 101, 131, 170, and 175 are found in the Soil Survey of Stanislaus County, California, Western Part.

*This table replaces portions of Table 5.11-1 in the AFC.

Soil loss by water erosion during construction was estimated for the Preferred Alignment, using the Revised Universal Soil Loss Equation (RUSLE2). Results are summarized in Table 3.11-2. Detailed calculations for soil loss estimates are presented in Appendix G.

TABLE 3.11-2
Construction Soil Loss Estimates Using the Revised Universal Soil Loss Equation^{a,b}

Feature (acreage) ^c	Activity	Duration (months)	Soil Loss (tons) without BMPs	Soil Loss (tons) with BMPs	Soil Loss (tons/yr) No Project
Project Site (4.60 acres)	Grading	2	0.84	0.0010	0.0078
	Construction	12	0.22	0.0061	—
Laydown Area (1.85 acres) (0.925 acres exposed; 0.925 paved or graveled)	Grading	1	0.28	0.0017	0.0043
	Construction	12	0.74	0.020	—
Transmission Lines					
Corridor 1 (1.56 acres for construction; 0.0066 acre for pole footprints)	Grading	2	0.0016	0.0045	0.0000
	Construction	4	0.33	0.0090	—
Corridor 2 (2.16 acres for construction; 0.0092 acre for pole footprints)	Grading	2	0.0023	0.0065	0.0000
	Construction	4	0.47	0.013	—
Corridor 3 (0.00 acre for construction; 0.00 acre for pole footprints – reconductoring only)	Grading	0	0.0000	0.0000	0.0000
	Construction	0	0.0000	0.0000	—
Natural Gas Line					
A2PP to Line 215 (140 acres for construction; 5.60 acres for trench)	Grading	6	2.68	0.395	0.0123
	Construction	6	14.14	0.395	—
Reinforcement Segment 1 (21.5 acres for construction; 0.86 acres for trench)	Grading	6	0.31	0.05	0.0012
	Construction	6	1.66	0.05	—
Project Soil Loss Estimate for Preferred Alignment + reinforcement Segment 1		12	21.66	0.94	0.03

^a This table replaces Table 5.11-2 in the AFC.

^b Soil losses (tons/acre/year) are estimated using RUSLE2 software available online at: http://fargo.nserl.purdue.edu/rusle2_dataweb/ (verified 23 Jan 2009).

^c Acreages assume 30-foot corridors for the transmission lines and 200-foot corridor for the natural gas construction corridor. Trench for the natural gas pipeline is assumed to be 4 feet wide. Transmission line pole holes are assumed to have a 4-foot-by-4-foot excavation footprint.

With the implementation of appropriate best management practices (BMPs) that will be required under the National Pollutant Discharge Elimination System (NPDES) permit, the total project soil loss of 0.94 ton (Preferred Alignment and reinforcement Segment 1) is considered to be a minimal amount and would not constitute a significant impact. It should also be recognized that the estimate of accelerated soil loss by water is very conservative (overestimate of soil loss) because it assumes only a single BMP (i.e., silt fencing), whereas a Stormwater Pollution Prevention Plan (SWPPP) will require multiple soil erosion control measures.

3.11.1 Wind Erosion

Potential fugitive dust resulting from the wind erosion of exposed soil was calculated for the Preferred Alignment using the emission factor in AP-42 (U.S. Environmental Protection Agency [EPA], 1995; also in Table 11.9-4 of Bay Area Air Quality Management District [BAAQMD], 2005).

Table 3.11-3 summarizes the mitigated total suspended particulates (TSP) predicted to be emitted from the site from grading and the wind erosion of exposed soil. Without mitigation, the maximum predicted erosion of material from the site is estimated at 6.59 tons (Preferred Alignment and reinforcement Segment 1) over the course of the project construction cycle. This estimate would be reduced to approximately 2.31 tons by implementing basic mitigation measures, such as water application. These estimates are conservative because they make use of emission rates for a generalized soil rather than for site-specific soil properties.

TABLE 3.11-3
Soil Loss (TSP) from Grading and Wind Erosion*

Emission Source	Acreage	Duration (months)	Unmitigated TSP (tons)	Mitigated TSP (tons)
Grading Dust				
Project Site	4.60	2	0.158	0.055
Laydown Area	1.85	1	0.032	0.011
Natural Gas Pipeline (4-foot wide trench)				
Preferred Alignment	5.60	6	0.578	0.202
Reinforcement Segment 1	0.86	6	0.089	0.031
Transmission Line Pole Holes				
Corridor 1	0.007	2	0.0002	0.0001
Corridor 2	0.009	2	0.0003	0.0001
Corridor 3	0.000	2	0.0000	0.0000
<i>Transmission Line Total</i>	<i>0.016</i>		<i>0.0005</i>	<i>0.0002</i>
Wind-blown Dust				
Project Site	4.60	10	0.146	0.051
Laydown Area	0.00	11	0.000	0.000
Natural Gas Pipeline (Corridor)				
Preferred Alignment	70.0	2	4.433	1.552
Reinforcement Segment 1	10.78	2	0.683	0.239
Transmission Line Corridor				
Corridor 1	1.557	4	0.197	0.069
Corridor 2	2.164	4	0.274	0.096
Corridor 3	0.000	4	0.000	0.000
<i>Transmission Line Total</i>	<i>3.721</i>	<i>4</i>	<i>0.471</i>	<i>0.165</i>
Estimated Total— Preferred Alignment + Reinforcement Segment 1			6.59	2.31

Note: Assumptions for these calculations are found in Appendix 5.11A of the AFC.

*This table replaces Table 5.11-3 in the AFC.

With implementation of the appropriate BMPs that will be required for this project, the additional potential soil impacts are less than significant. Because the gas line would be placed 6 to 7 feet below ground surface, potential impacts can be mitigated below the level of significance and would comply with applicable LORS. As a result, any potential soil impacts would be less than significant.

3.12 Traffic and Transportation

The construction of the Preferred Alignment may affect traffic at the intersections and roadway segments located along the Preferred Alignment. Streets affected would include portions of East Zeering Road, Bystrum Road, El Katrina Lane, North Morgan Road, West Harding Road, Bradbury Road, and Prune Avenue. However, these traffic impacts would be site specific, temporary, and similar in level to the discussion presented in the AFC. At most, the natural gas pipeline construction would employ 36 workers. During construction of the pipeline, workers would first meet at TID's and PG&E's corporate yards, then travel together in crew trucks and park adjacent to the construction corridor.

To mitigate potential impacts, a traffic control plan will be prepared in accordance with the California Department of Transportation Manual on Uniform Traffic Control Devices and the Work Area Traffic Control Handbook. After construction is complete, no permanent alterations to the area roadways are proposed. Implementation of the traffic control plan for the affected area for the short duration of construction in that area is adequate to minimize the traffic impacts to a less-than-significant level. In summary, any potential traffic and transportation impacts associated with the Preferred Alignment and other linear facilities can be mitigated below the level of significance and would comply with applicable LORS. As a result, any potential traffic and transportation impacts would be less than significant.

3.13 Visual Resources

As stated in the AFC, the natural gas supply line would be buried. The Preferred Alignment would not result in potential visual impacts greater than those analyzed in the AFC and would comply with applicable LORS. Therefore, any potential visual resource impacts would be less than significant.

3.14 Waste Management

Installation of the Preferred Alignment would not result in impacts greater than those analyzed in the AFC. A database review to determine whether there are known hazardous materials sites located along the Preferred Alignment is provided in Appendix H. Appendix H also provides historical aerial photographs and a brief description of findings from the database search. In addition, Appendix I provides a detailed list of pesticides used and crops grown along the Preferred Alignment from 2001 through 2009.

Construction of the Preferred Alignment would not result in a significant increase in waste. The Preferred Alignment would not result in potential impacts greater than those analyzed in the AFC and would comply with applicable LORS. Therefore, any potential waste management impacts would be less than significant.

3.15 Water Resources

Water for dust suppression will be minimal and is not anticipated to create impacts on either groundwater or stormwater. PG&E would use water from the TID irrigation canal system for dust suppression activities and hydrotesting during gas line construction. As shown in Table 3.15-1, approximately 2.5 to 3 acre feet (851,300 gallons) of water will be needed for the hydrotesting of the pipeline. All of these uses are temporary and construction related. The Preferred Alignment would not result in potential impacts greater than those analyzed in the AFC and would comply with applicable LORS. As a result, any potential water resource impacts would be less than significant.

TABLE 3.15-1
Amount of Water Needed for Hydrotesting

Gas Line Segment	Diameter (inches)	Length (miles)	Acre-Feet	Gallons
Preferred Alignment	16	11.5	1.946307	634,200
Segment 1	24	1.75	0.666398	217,100
Total			2.6	851,300

3.16 Worker Safety and Fire Protection

Implementation of worker safety plans and protocols would be the same for the Preferred Alignment as those described in the AFC. Additionally, the Preferred Alignment would not require any additional worker safety and fire protection training. The Preferred Alignment would not result in potential impacts greater than those analyzed in the AFC and would comply with applicable LORS. Therefore, any potential worker safety and fire protection impacts would be less than significant.

SECTION 4

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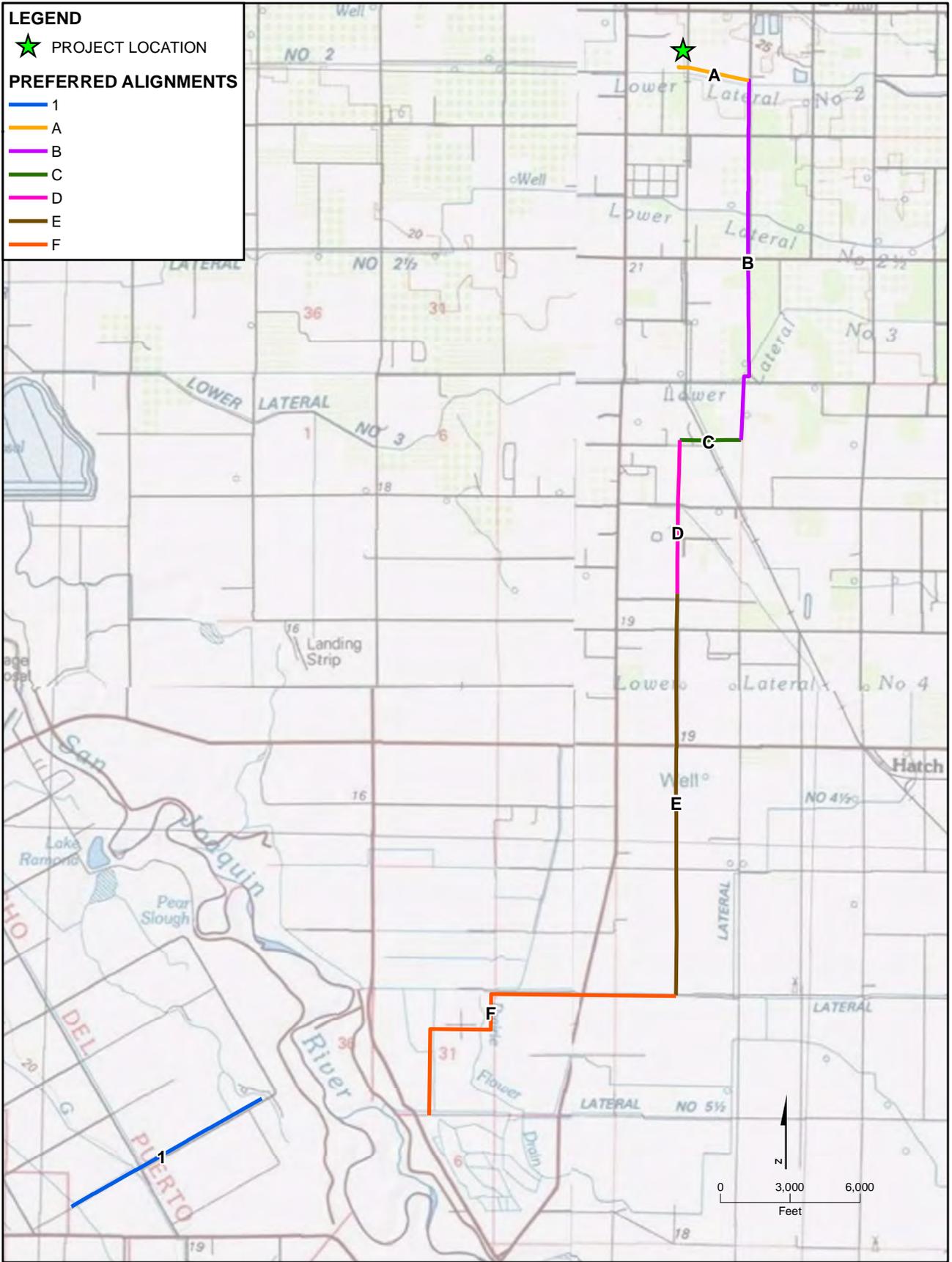
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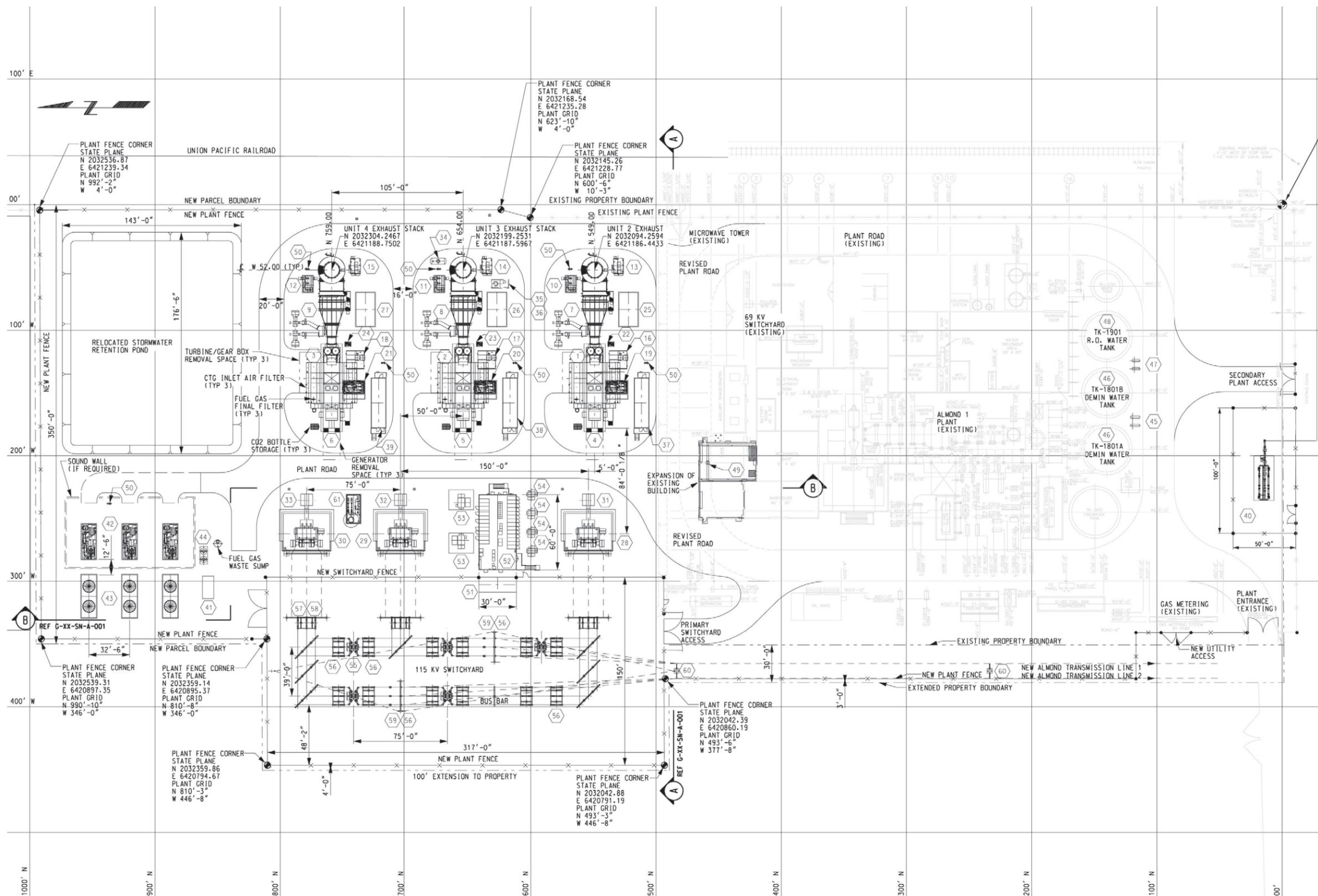
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Figures



This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

FIGURE 1
PREFERRED ALIGNMENTS
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



PLANT GRID DATUM:
 OW.ON (SE PROPERTY COR.)
 STATE PLANE:
 2,031,544.7213 E
 6,421,232.4095 N
 NAD 83 0403 CA SPCS ZONE 3, SF
 ROTATION: -0.6294 DEGREES (CCW)

PLANT ELEVATION DATA:
 GE DATUM (BOS CTG LM6000) 0'-0" = EL 82,125' ASL
 T.O.C. = EL 82,000' ASL
 GRADE = EL 81,500' ASL

EQUIPMENT LEGEND		
#	EQUIPMENT TAG	DESCRIPTION
1	CTG-CTG-02-01	GE LM6000PG
2	CTG-CTG-03-01	COMBUSTION TURBINE
3	CTG-CTG-04-01	UNIT 2, 3 & 4
4	GEN-CTG-02-01	GE LM6000PG
5	GEN-CTG-03-01	GENERATOR
6	GEN-CTG-04-01	UNIT 2, 3 & 4
7	SCR-CTG-02-01	SCR NOX/CO CATALYSTS
8	SCR-CTG-03-01	TEMPERING AIR FANS
9	SCR-CTG-04-01	STACK, UNIT 2, 3 & 4
10	SK-AMA-2-01	SCR AMMONIA
11	SK-AMA-3-01	INJECTION SKID
12	SK-AMA-4-01	UNIT 2, 3 & 4
13	PK-CEMS-2-01	CONTINUOUS EMISSIONS
14	PK-CEMS-3-01	MONITORING SYSTEM
15	PK-CEMS-4-01	UNIT 2, 3 & 4
16	SK-CTG-2-01	CTG AUXILIARY
17	SK-CTG-3-01	EQUIPMENT MODULE
18	SK-CTG-4-01	UNIT 2, 3 & 4
19	SK-LO-2-01	CTG LUBE OIL
20	SK-LO-3-01	SKID (GLO)
21	SK-LO-4-01	UNIT 2, 3 & 4
22	SK-CTG-2-02	CTG SPRINT
23	SK-CTG-3-02	POWER AUGMENTATION
24	SK-CTG-4-02	SKID UNIT 2, 3 & 4
25	CLR-LO-2-01	CTG LUBE OIL
26	CLR-LO-3-01	FIN-FAN COOLER
27	CLR-LO-4-01	UNIT 2, 3 & 4
28	GSU-2	CTG STEP-UP
29	GSU-3	TRANSFORMER
30	GSU-4	UNIT 2, 3 & 4
31	GCB-EMV-2-01	CTG MAIN
32	GCB-EMV-3-01	CIRCUIT BREAKER
33	GCB-EMV-4-01	UNIT 2, 3 & 4
34	TK-DWA-0-01	WATER WASH DRAINS TANK
35	S-WW-0-01	WASTE WATER SUMP
36	P-WW-0-01A/B	WASTE WATER SUMP PUMPS
37	PDC-ELV-2-01	CTG POWER
38	PDC-ELV-3-01	CONTROL MODULE
39	PDC-ELV-4-01	UNIT 2, 3 & 4
40	MET-FG-0-01	FUEL GAS METERING (BY OTHERS)
41	SK-FG-0-01	FUEL GAS SCRUBBER
42	CMP-FG-0-01A/B/C	FUEL GAS COMPRESSORS
43	CLR-FG-0-01A/B/C	FIN-FAN COOLERS FOR
44	SK-FG-0-02	FG COMPRESSOR OIL
45	P-DW-0-01A/B	FUEL GAS COALESCING
46	TK-1801A/B	FILTER/SEPARATOR SKID
47	P-RO-0-01A/B	DEMINERALIZED WATER
48	TK-1901	FORWARDING PUMPS
49	CR-BLD-0-01	REVERSE OSMOSIS WATER
50	SSEW-SW-2/3/4-01/02	STORAGE TANK (EXISTING)
51	BLD-EHV-0-01	BRIDGE CRANE (10 TON)
52	PDC-XXX-0-01	SAFETY SHOWER / EYE WASH
53	AUX-EMV-0-01A/B	STATIONS - ALL UNITS & BOP
54	SST-ELV-0-01/02A/B	SWITCHYARD CONTROL HOUSE
55	SCB-EHV-0-700-740	POWER DISTRIBUTION CENTER
56	SDS-EHV-0-701-742	AUXILIARY TRANSFORMERS
57	SDS-EHV-2/3/4-708/748	STATION SERVICE TRANSFORMERS
58	DES-EHV-2/3/4-01	115KV CIRCUIT BREAKERS
59	DES-EHV-0-01/02	115KV DISCONNECT SWITCH 701/2,
60	TWR-EHV-0-01/02	711/12, 721/22, 731/32, 741/42
61	HTR-CTG-0-01	115KV UNIT ISOLATION SWITCH
		(UNIT 2, 3 & 4) 708, 718, 748
		115KV H-FRAME STRUCTURE
		115KV DEAD END STRUCTURE
		115KV TRANSMISSION TOWER
		ANTI-ICING SYSTEM SKID

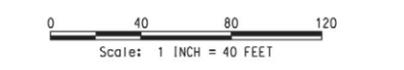
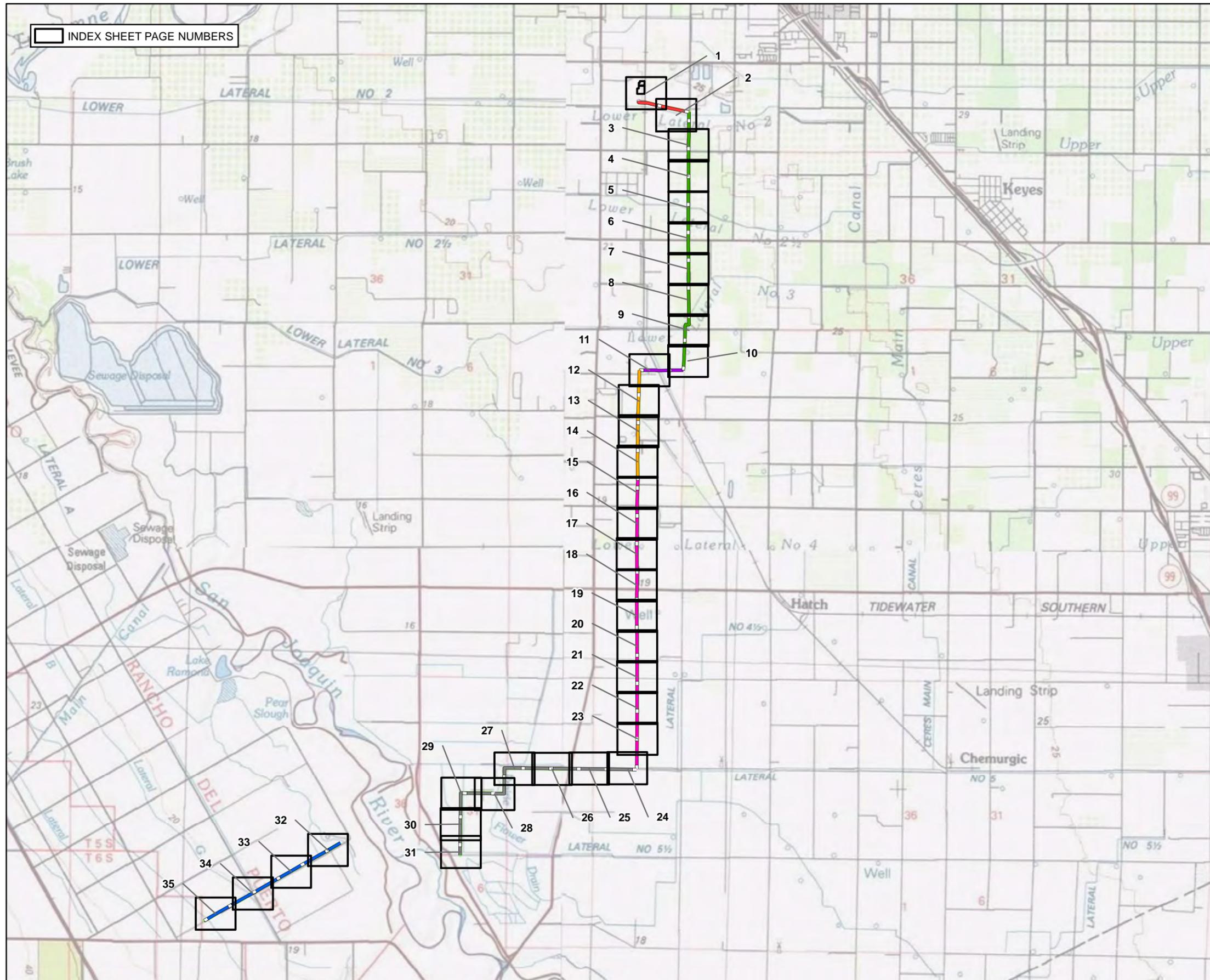


FIGURE 2
REGULATING STATION AND
METER SET LOCATION
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



INDEX SHEET PAGE NUMBERS

LEGEND FOR ALL MAPS (1 - 35)

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

CANALS/DRAINS

- LOWER LATERAL NO 2 CANAL
- LATERAL 2 1/2 CANAL
- LOWER LATERAL 3 CANAL
- LOWER LATERAL 4 CANAL
- LATERAL 5 1/2 CANAL
- HARDING DRAIN
- PERSSON DRAIN
- PRAIRIE FLOWER DRAIN
- YORI GROVE DRAIN

1 200 FOOT STUDY CORRIDOR

LAYDOWN AREA
PROJECT SITE

EXISTING LAND USE

- CORRIDOR CONSTRICTED (CC)
- DAIRY FARM (DF)
- FARM (FARM)
- INDUSTRIAL (IND)
- RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
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Notes:

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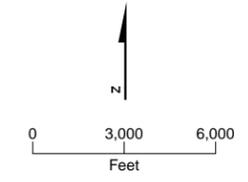
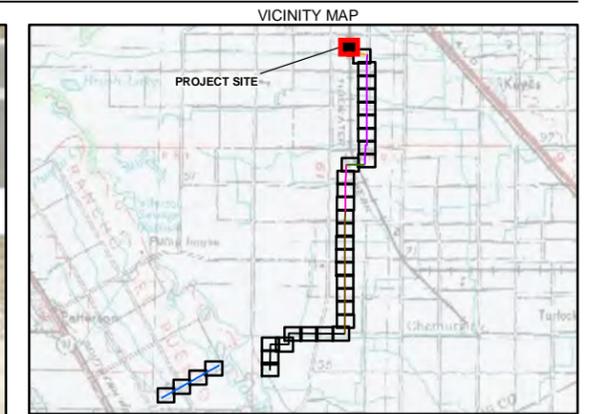
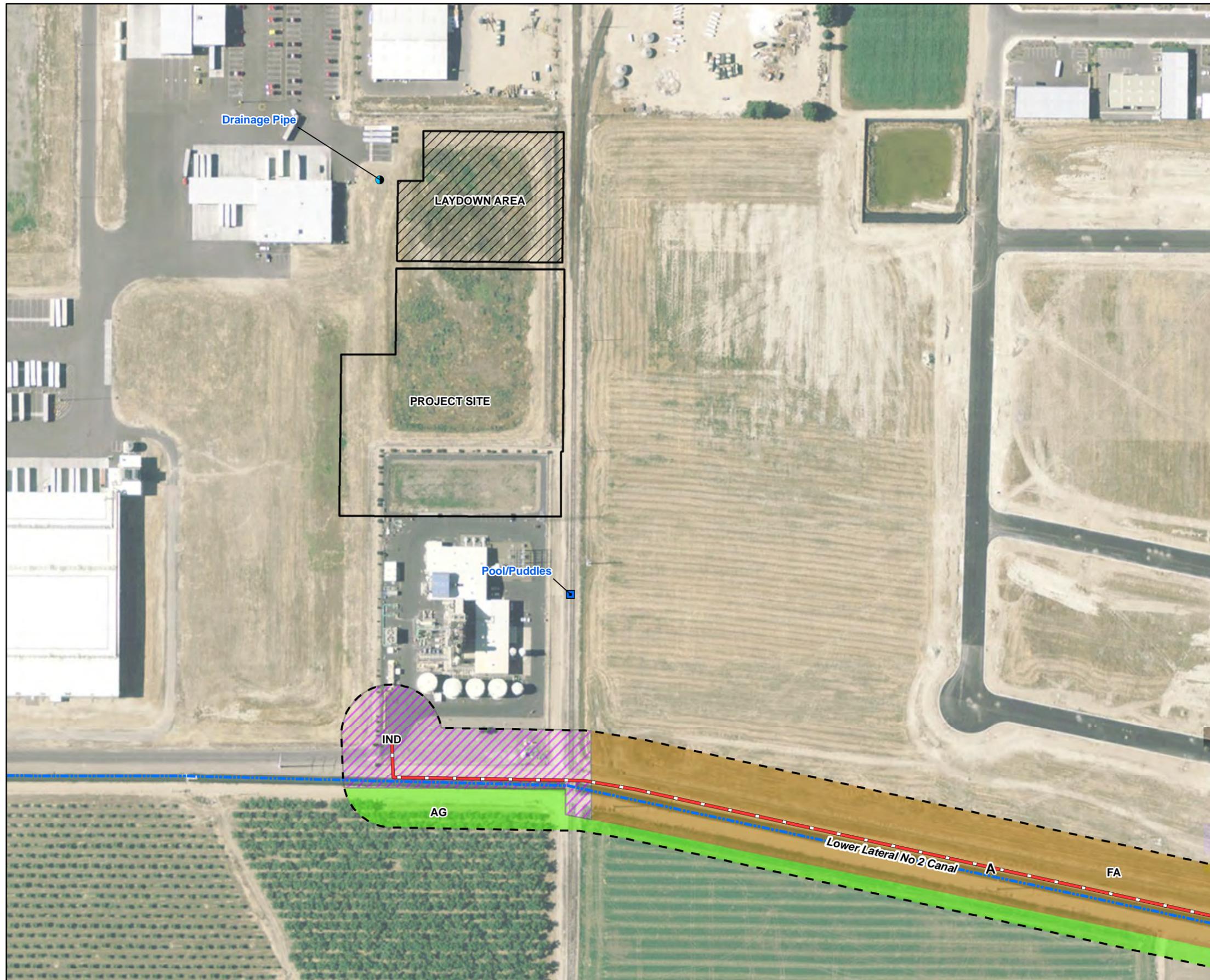


FIGURE 3
APPENDIX INDEX FOR HABITAT
COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



1 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
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 - DRAINAGE PIPE
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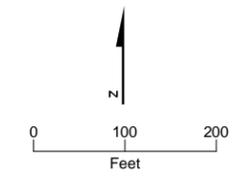
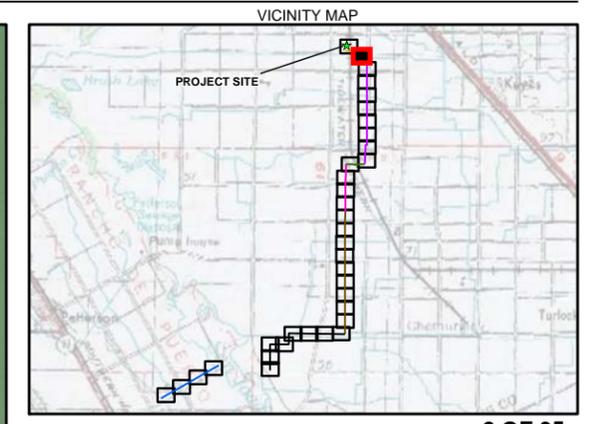


FIGURE 3-1
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
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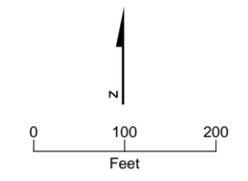
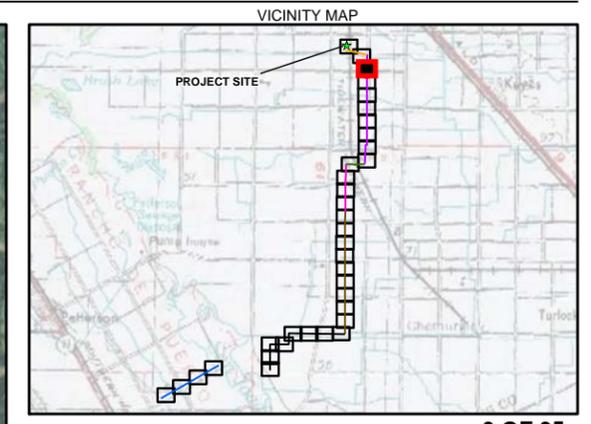


FIGURE 3-2
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
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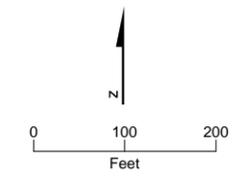
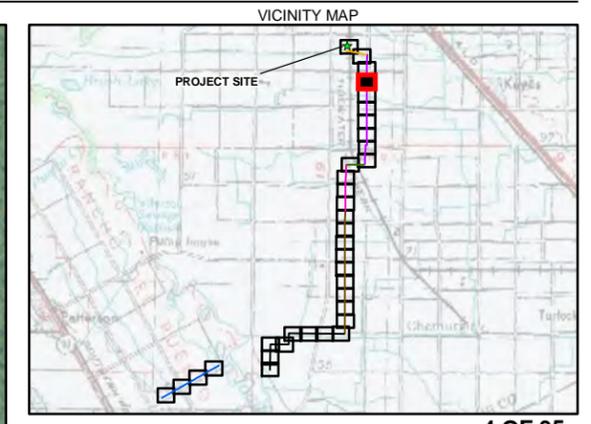


FIGURE 3-3
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



4 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
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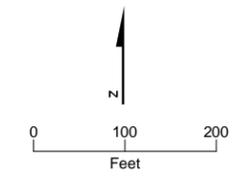
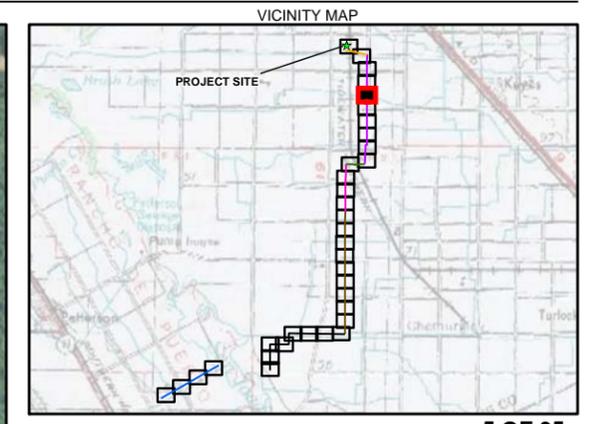
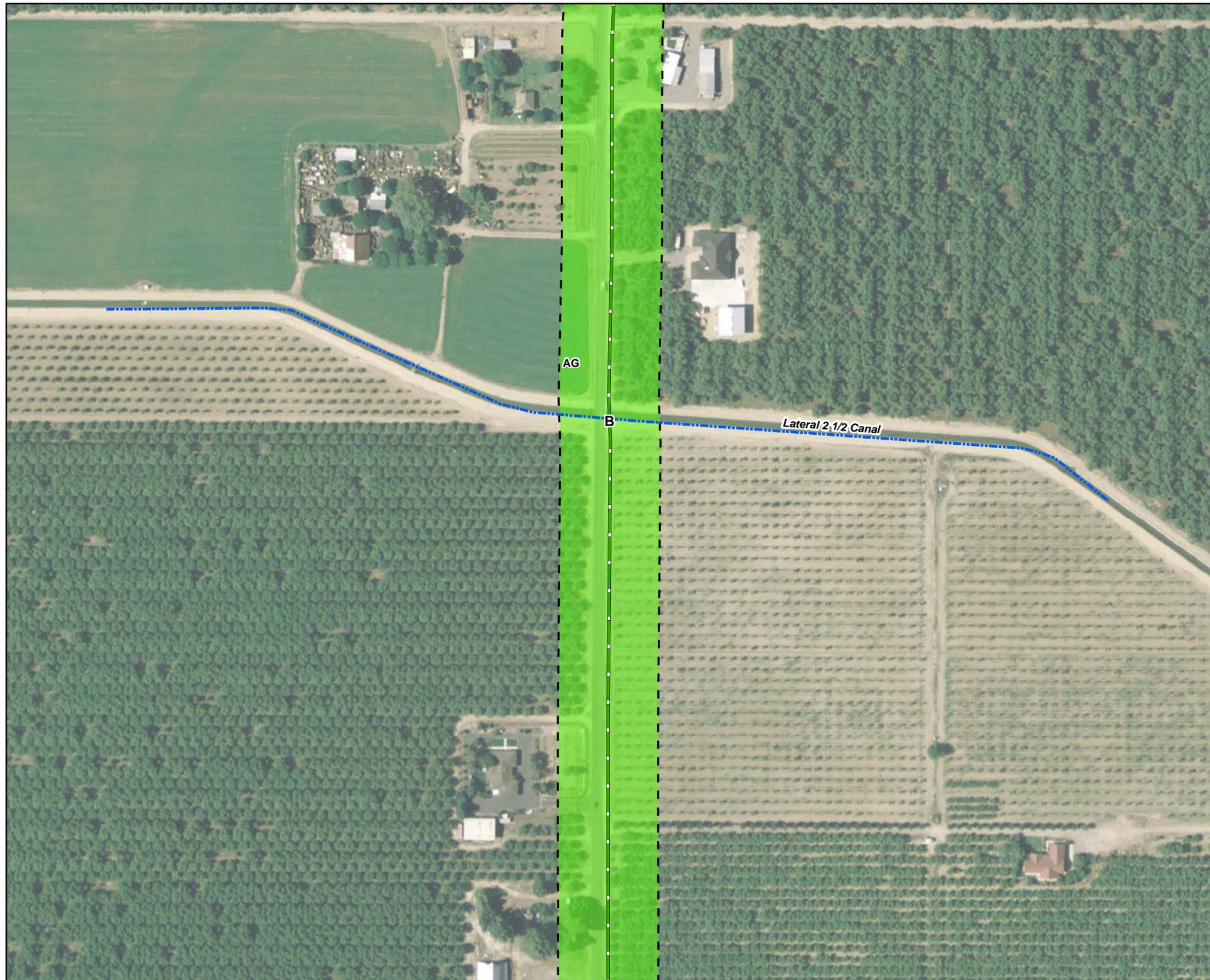


FIGURE 3-4
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



5 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
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Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

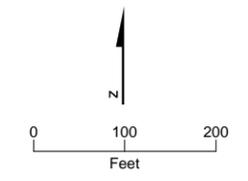
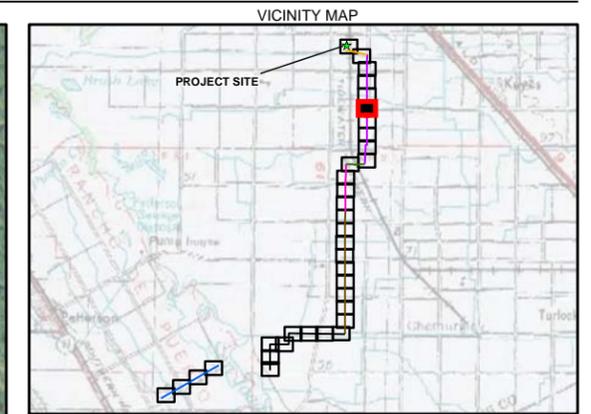


FIGURE 3-5
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



6 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ⊔ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

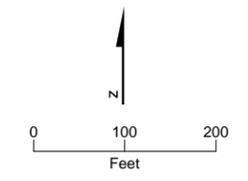
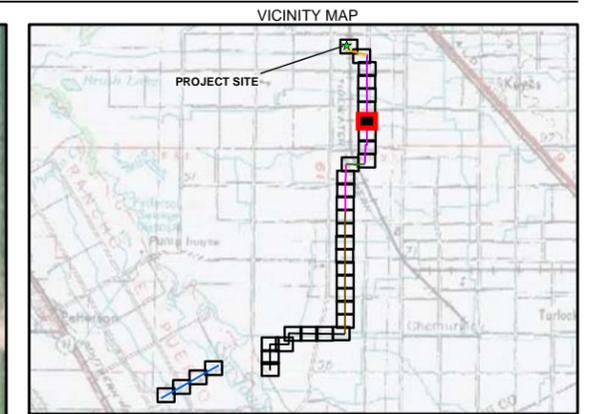
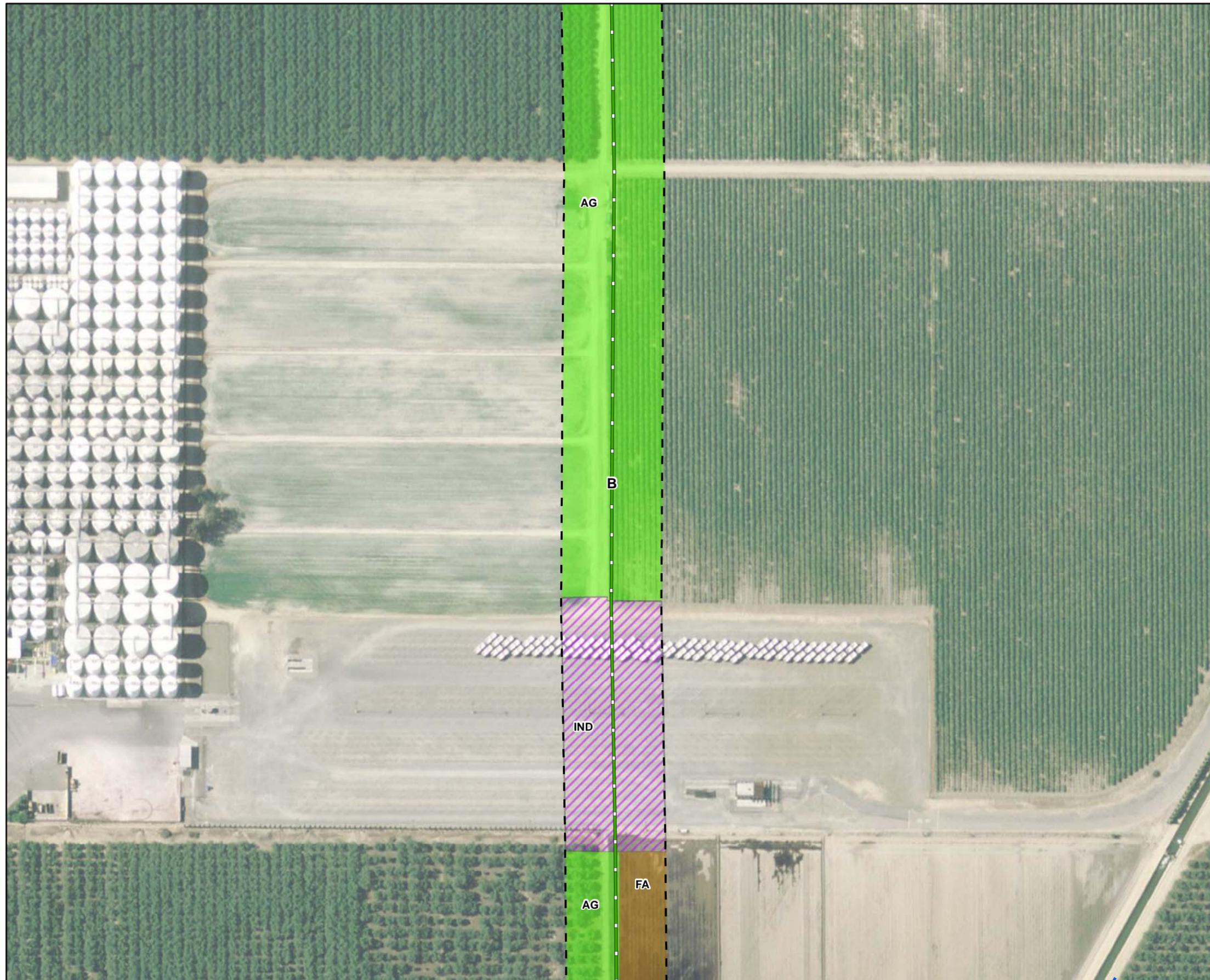


FIGURE 3-6
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ⊔ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

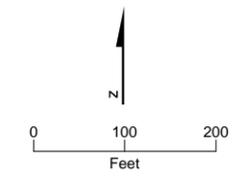
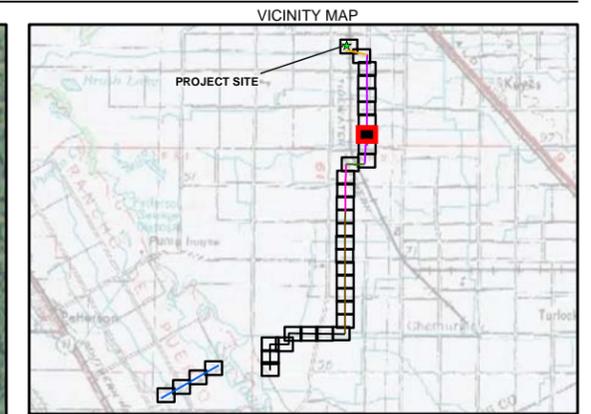
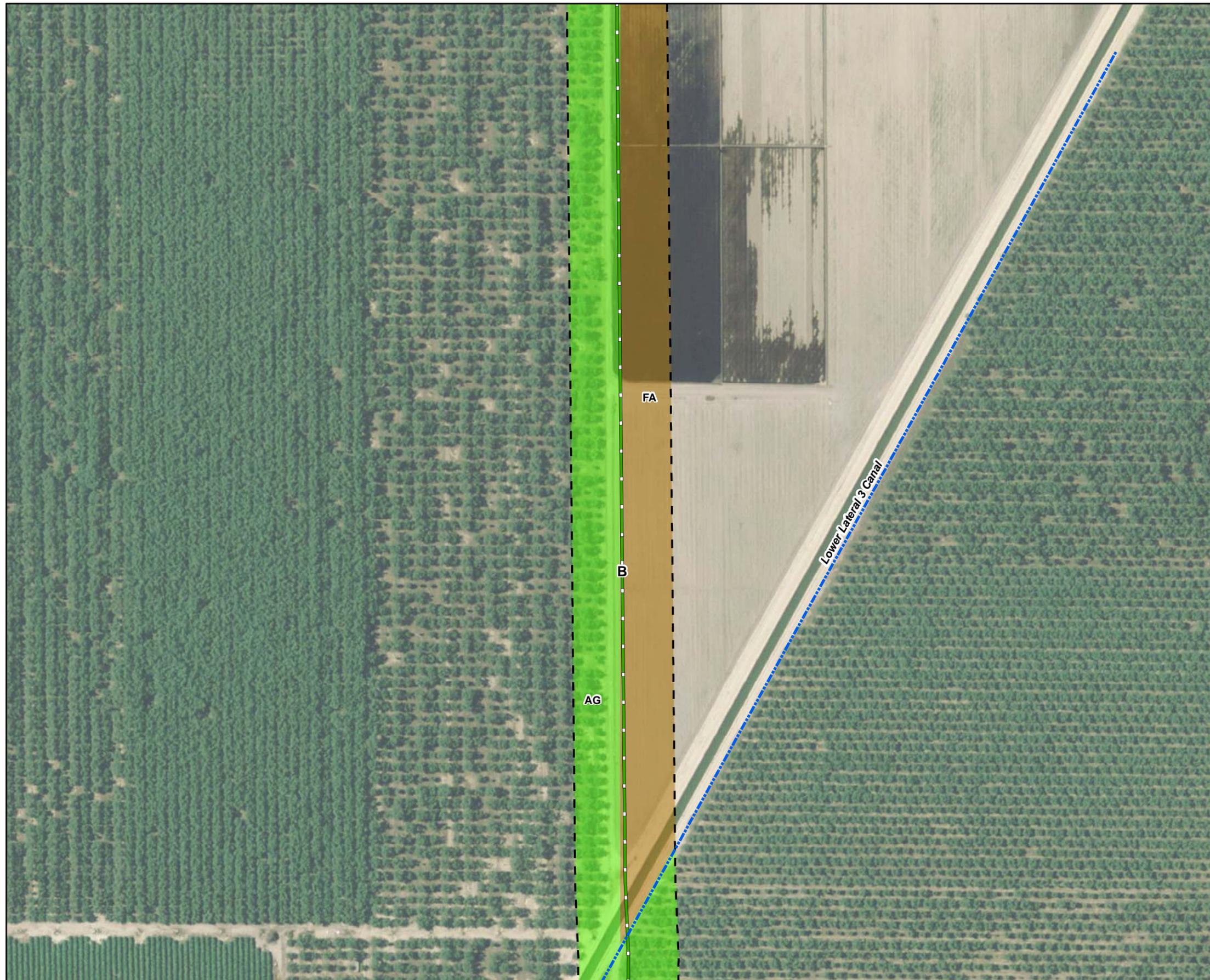


FIGURE 3-7
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

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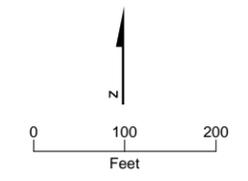
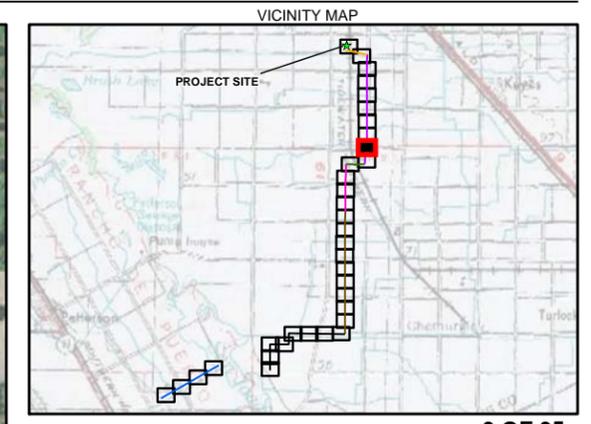
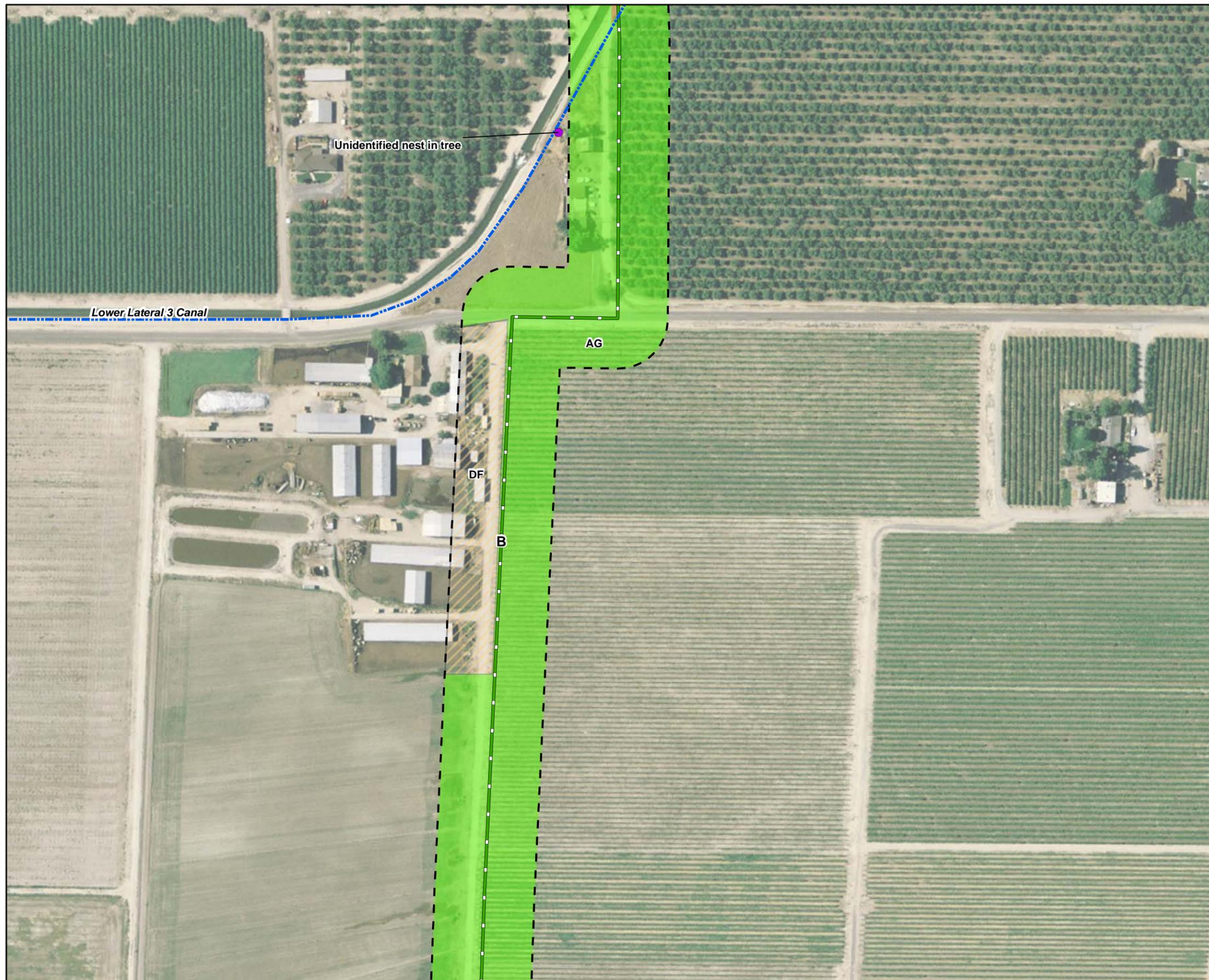


FIGURE 3-8
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AG AGRICULTURE (AG)
 - FA FALLOW (FA)
 - GGS MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PAS PASTURE (PAS)
 - PND POND (PND)
 - RIP RIPARIAN (RIP)
- Notes:**
1. Field Biological Surveys, 2009.
- This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

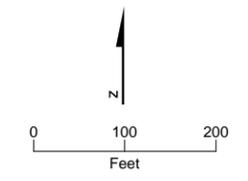
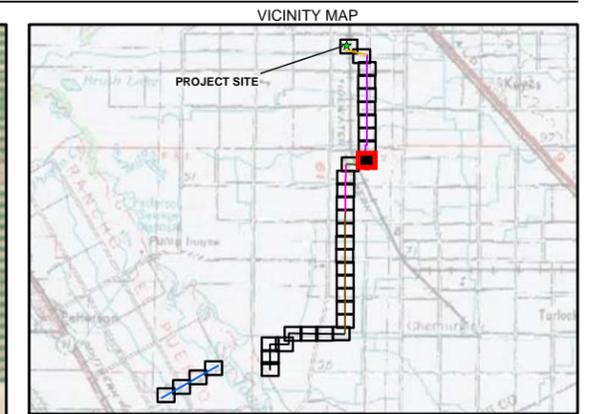


FIGURE 3-9
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ⌊ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

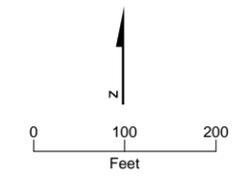
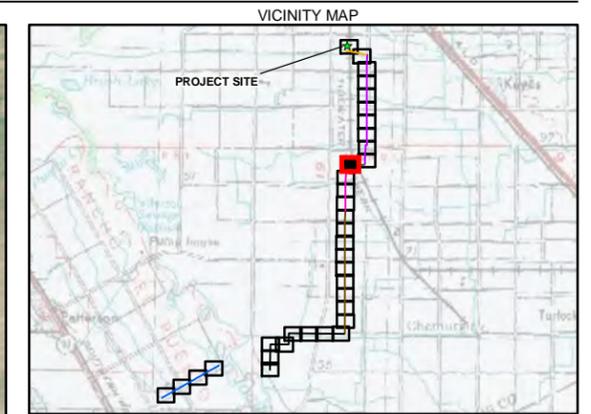
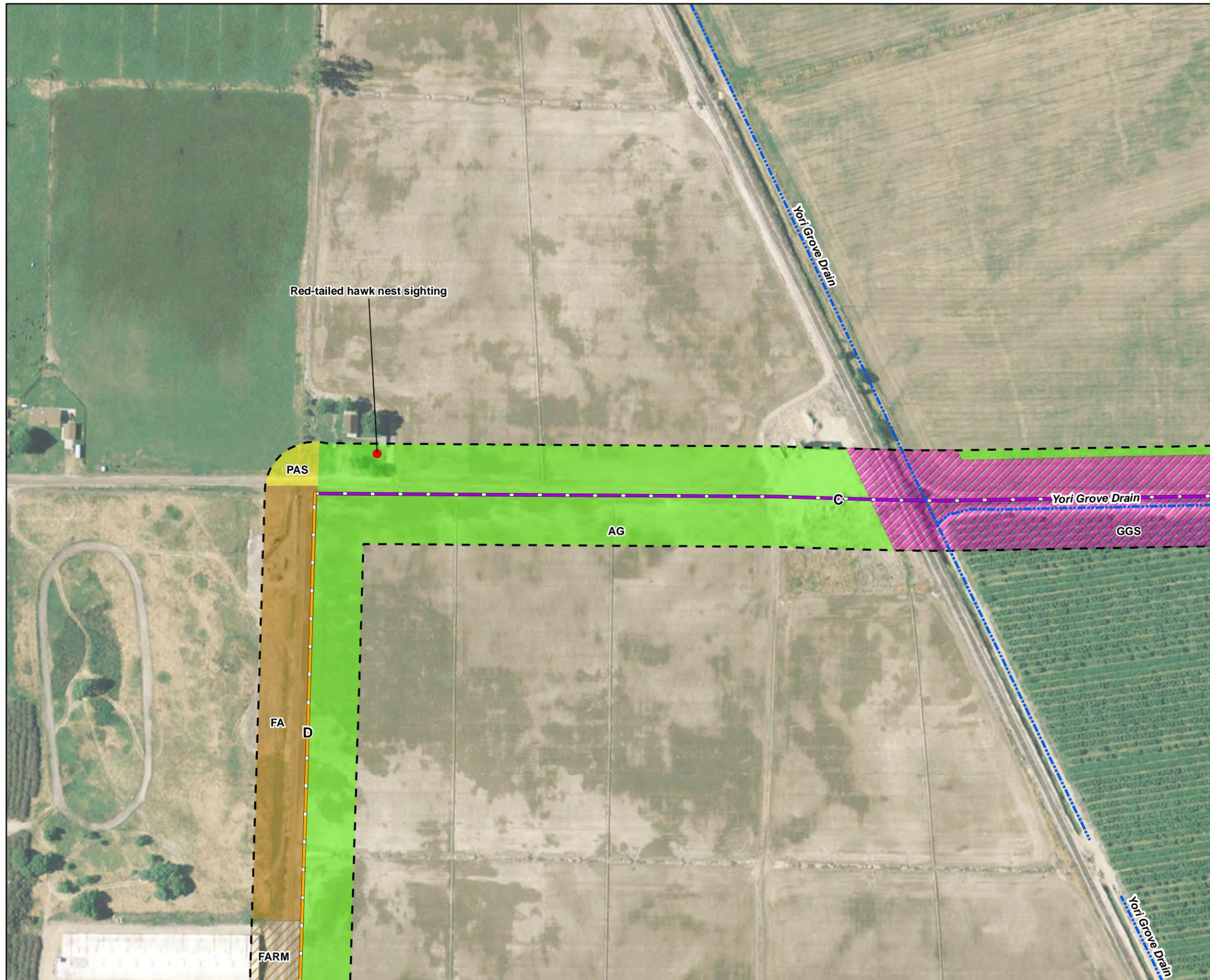


FIGURE 3-10
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

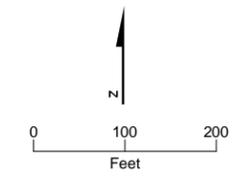
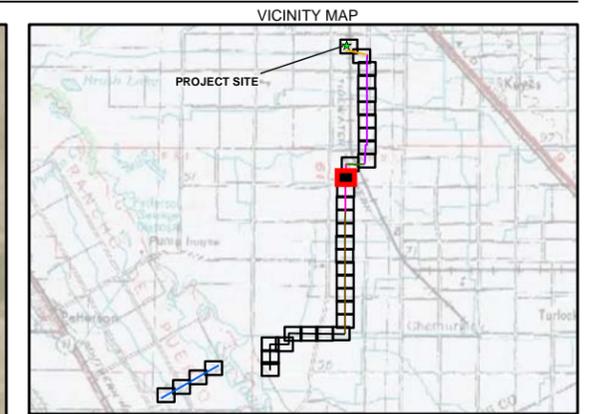
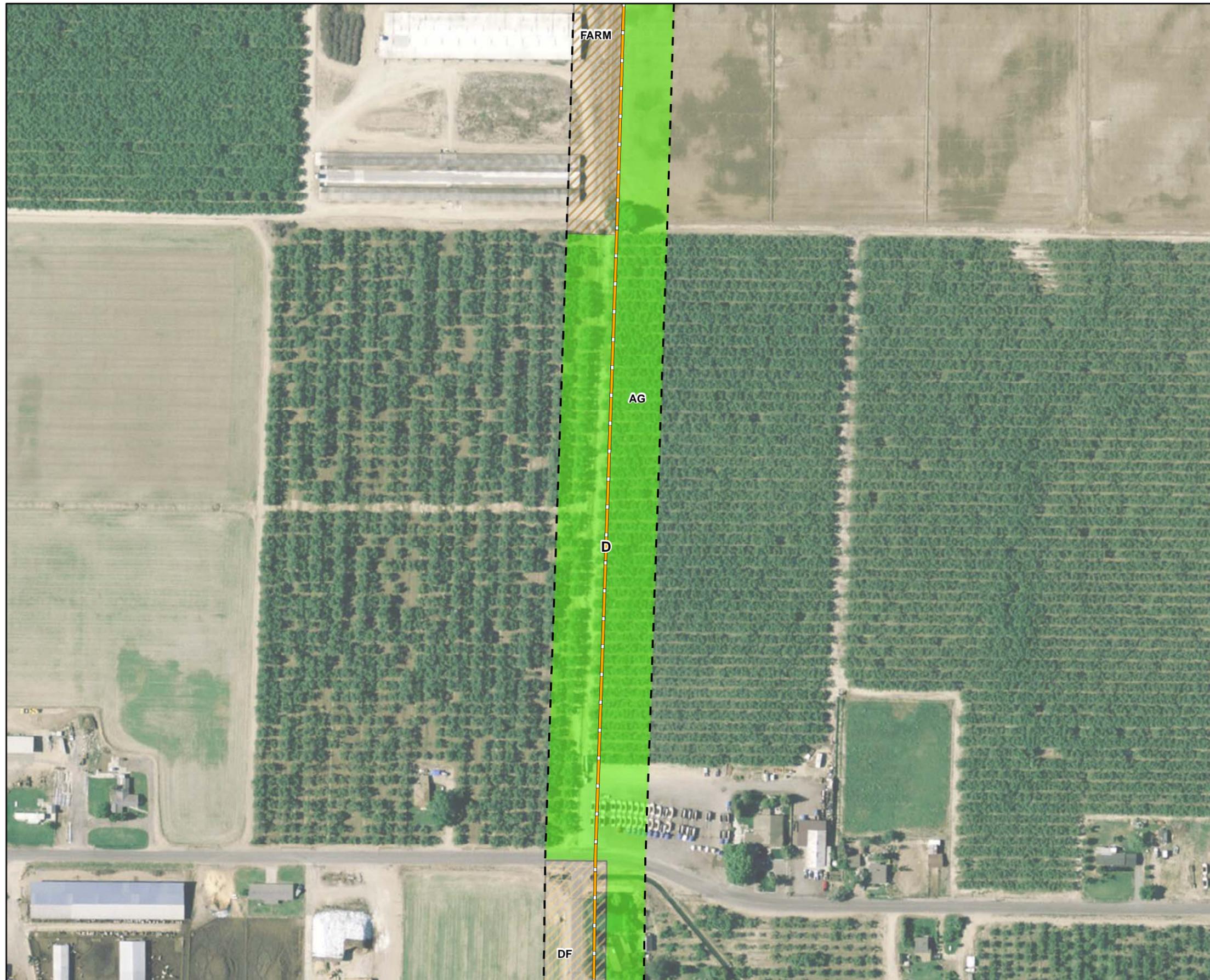


FIGURE 3-11
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

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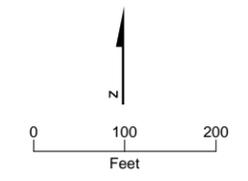
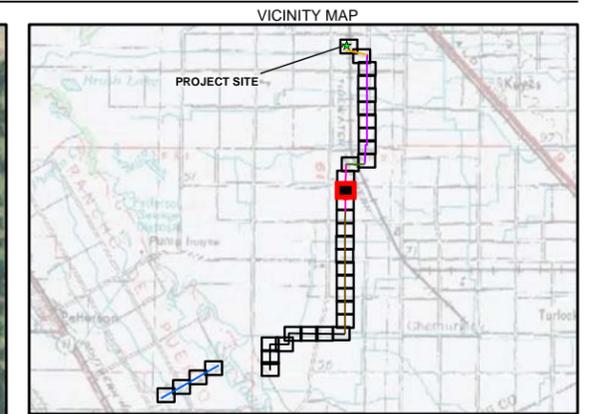
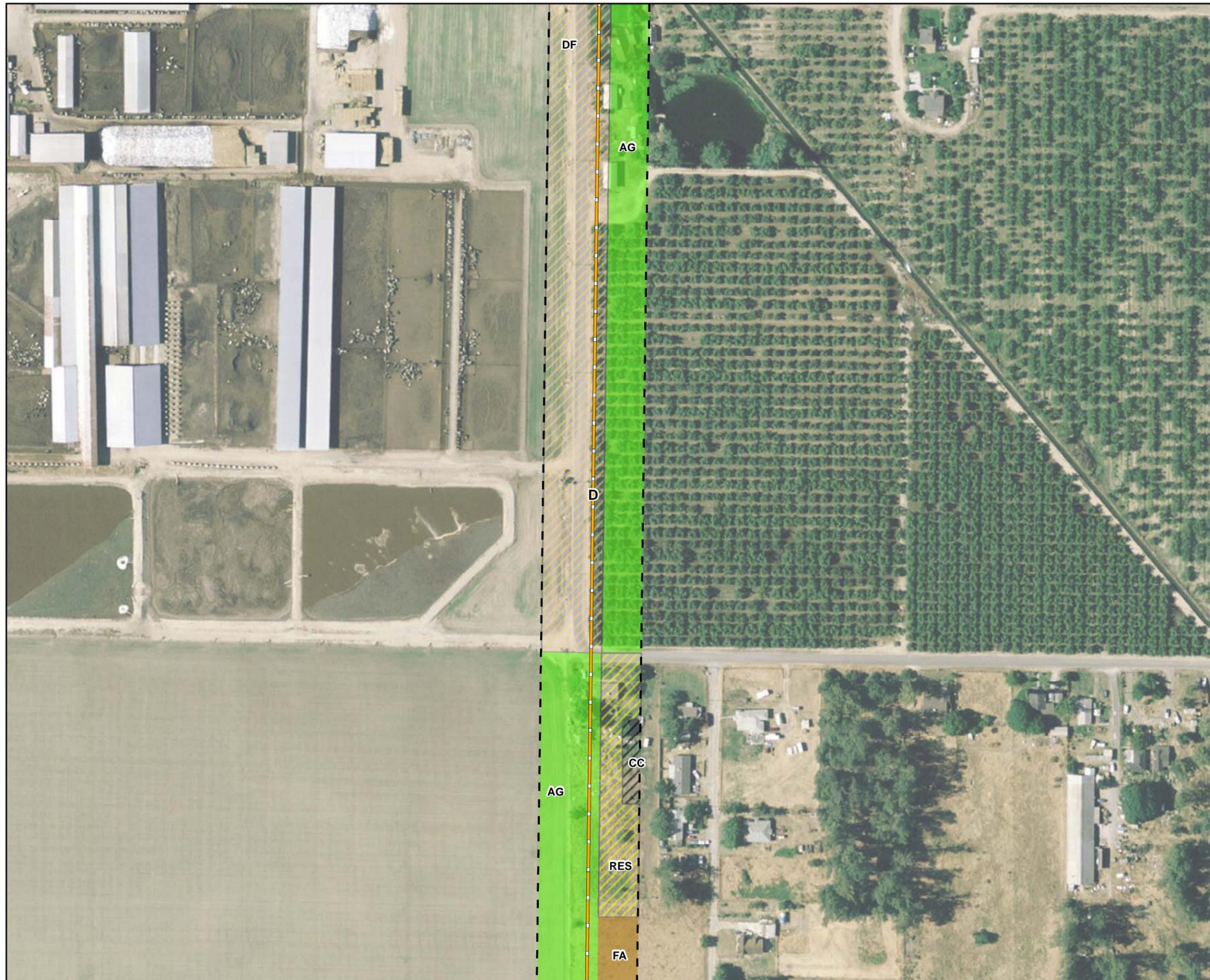


FIGURE 3-12
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ⌊ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

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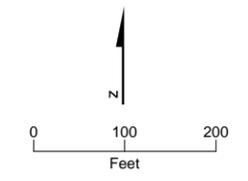
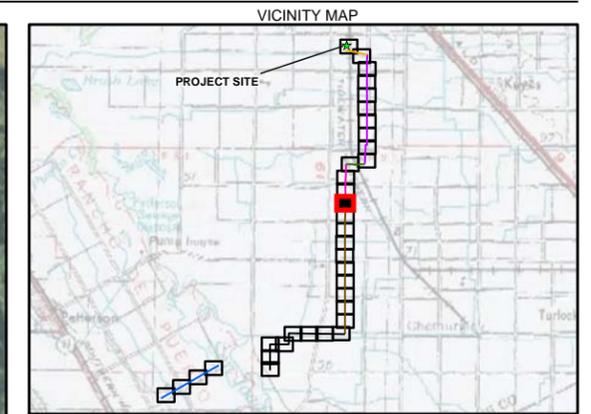


FIGURE 3-13
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

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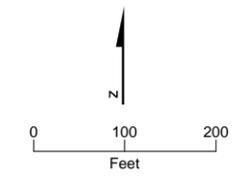
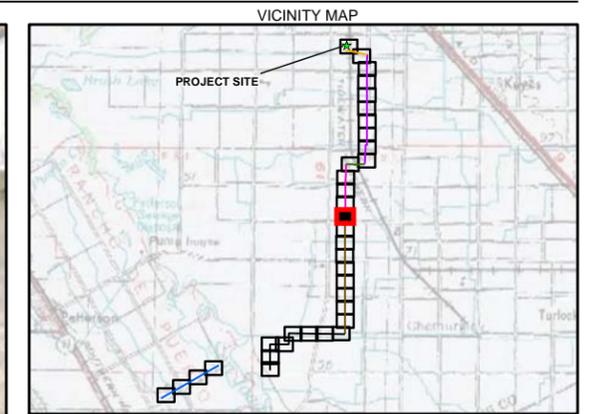


FIGURE 3-14
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



15 OF 35

LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

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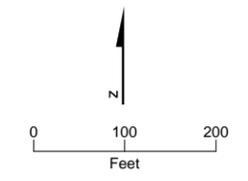
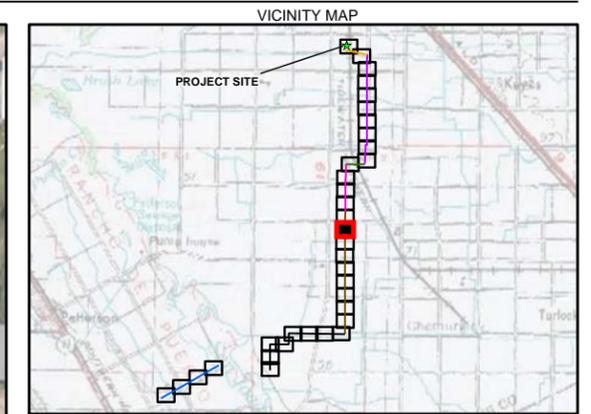
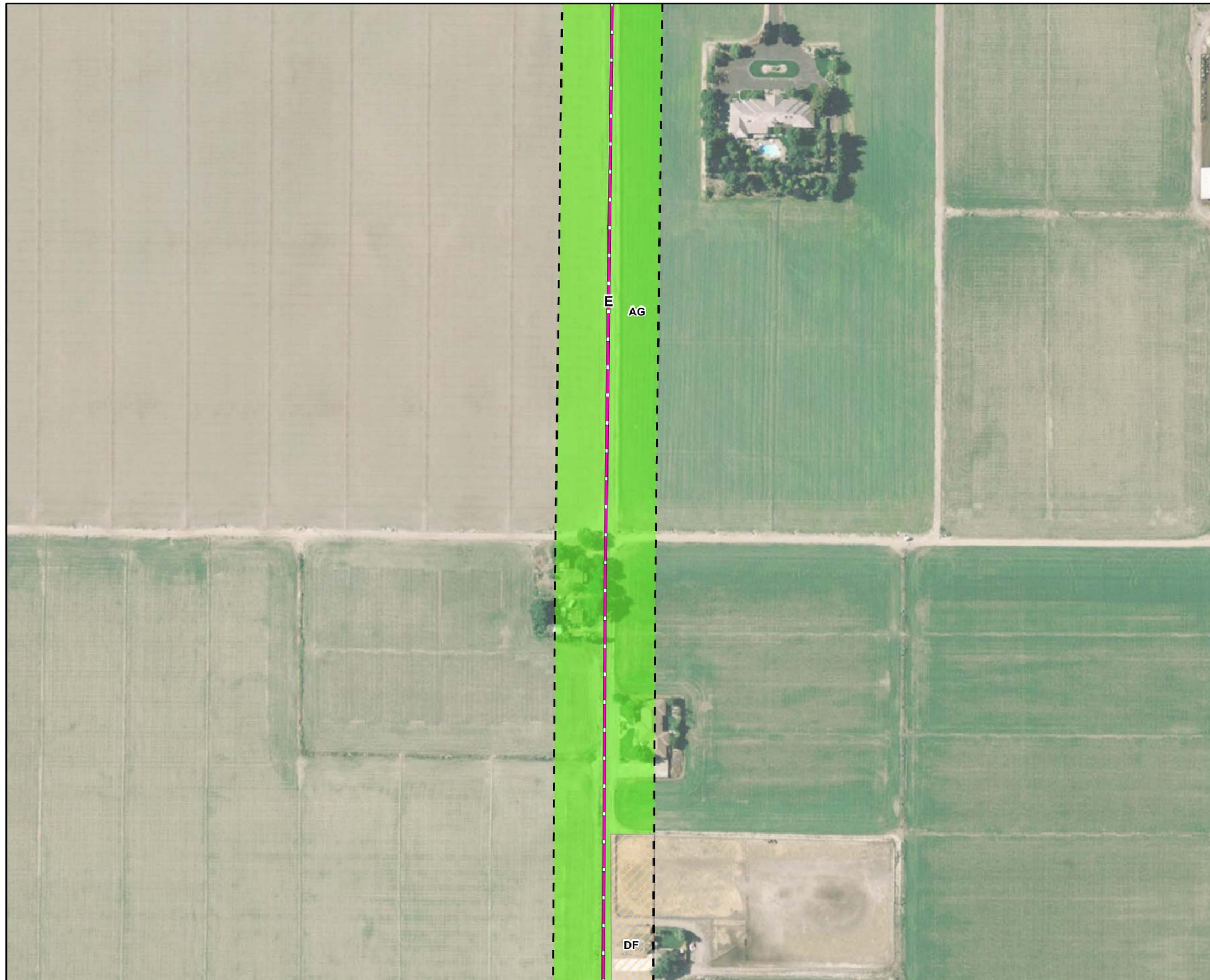


FIGURE 3-15
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

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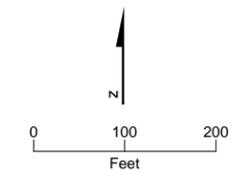
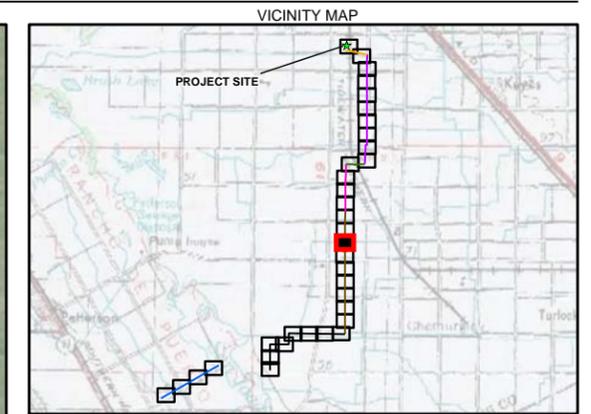
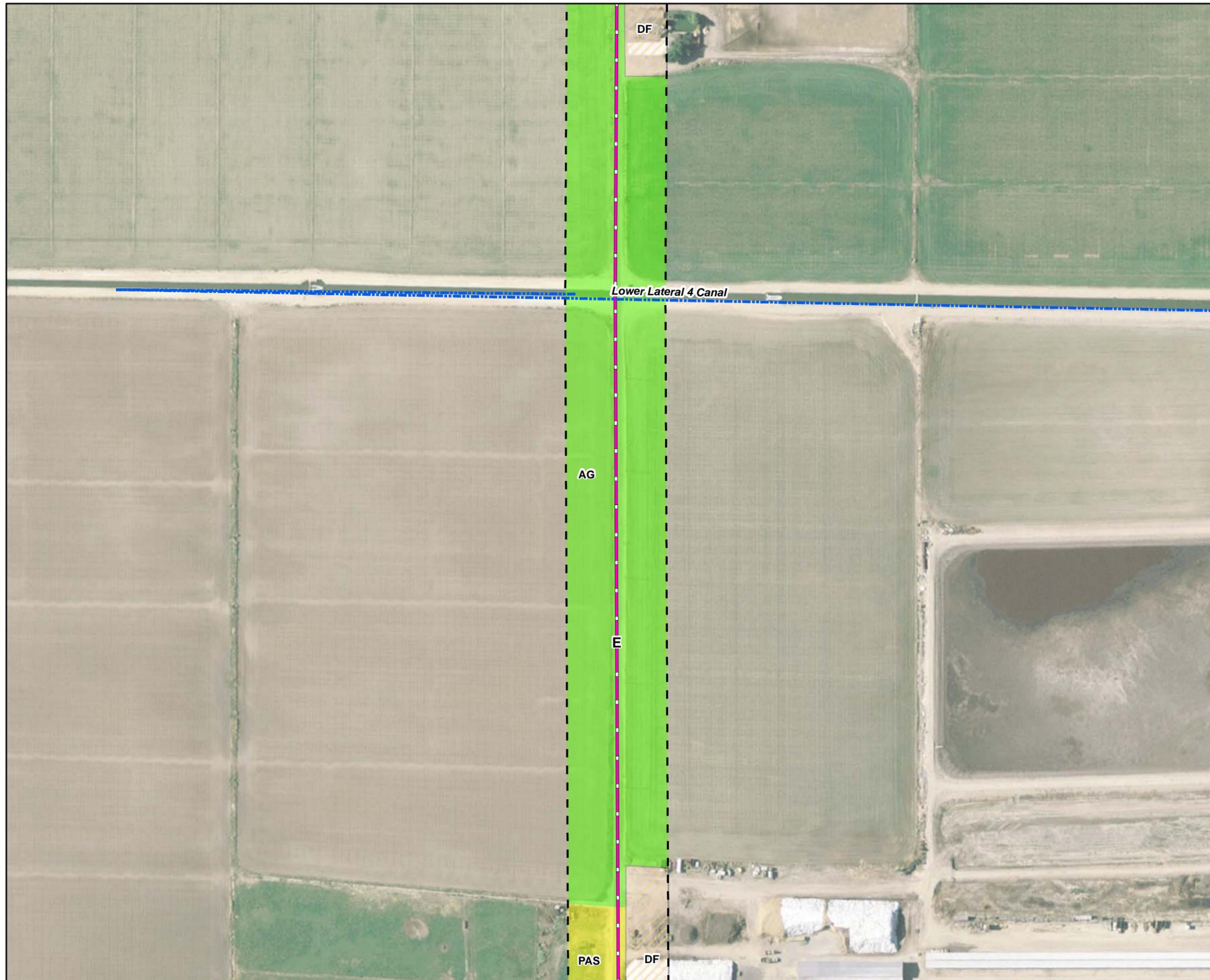


FIGURE 3-16
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

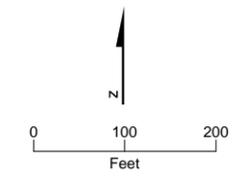
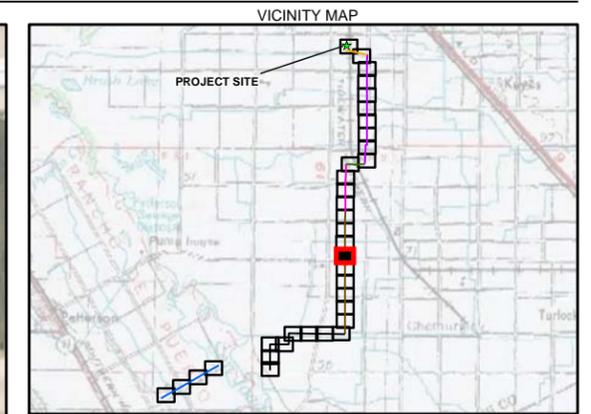
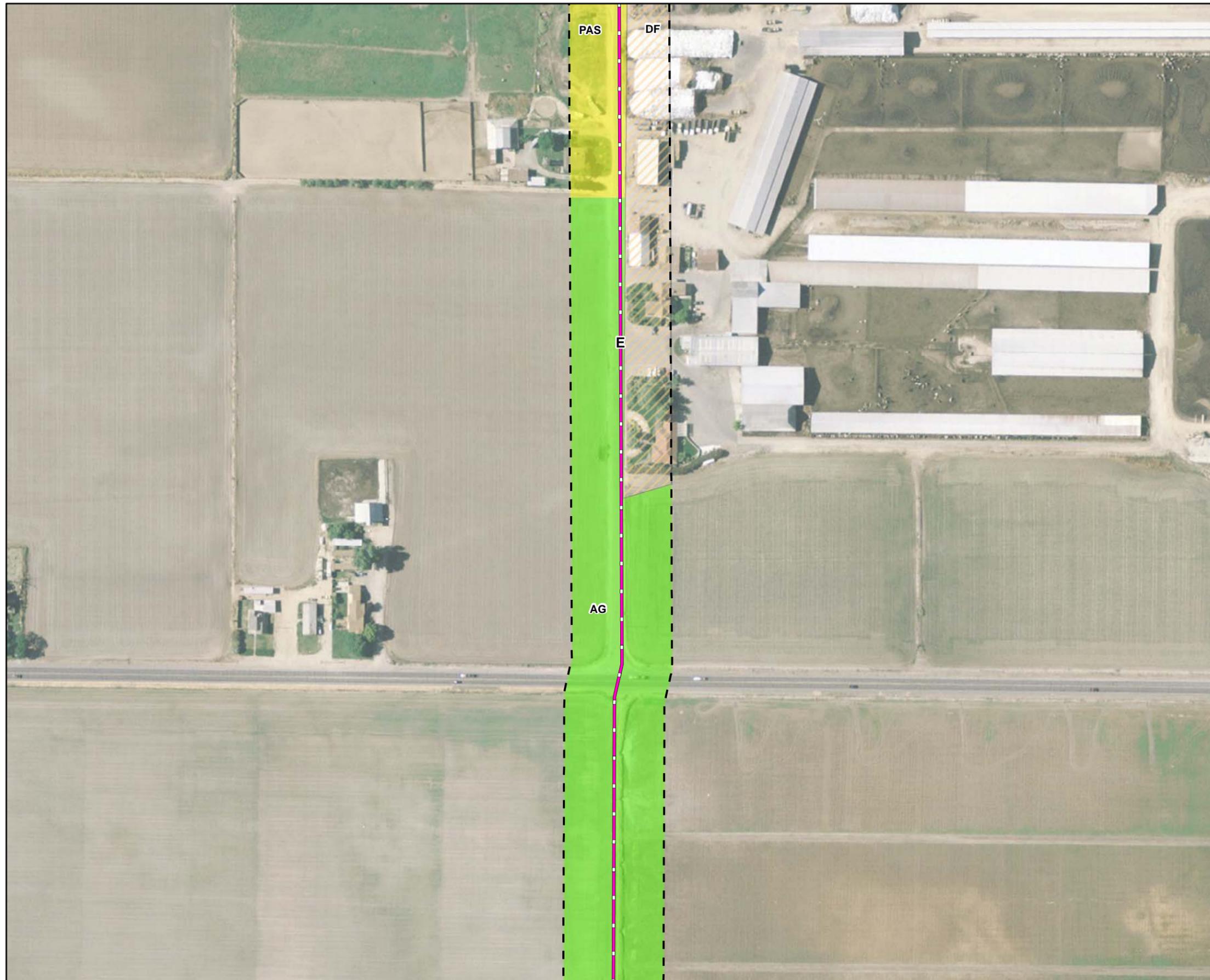


FIGURE 3-17
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

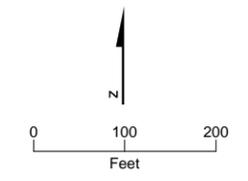
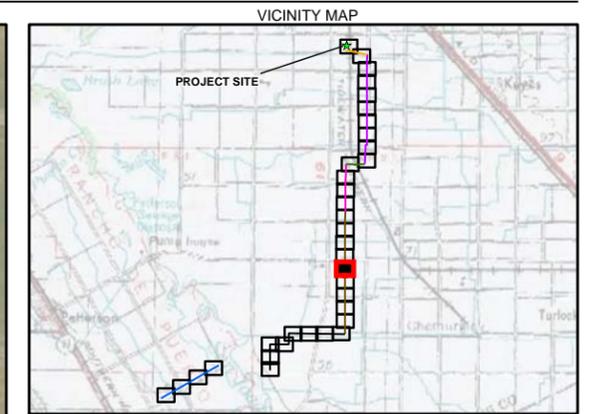
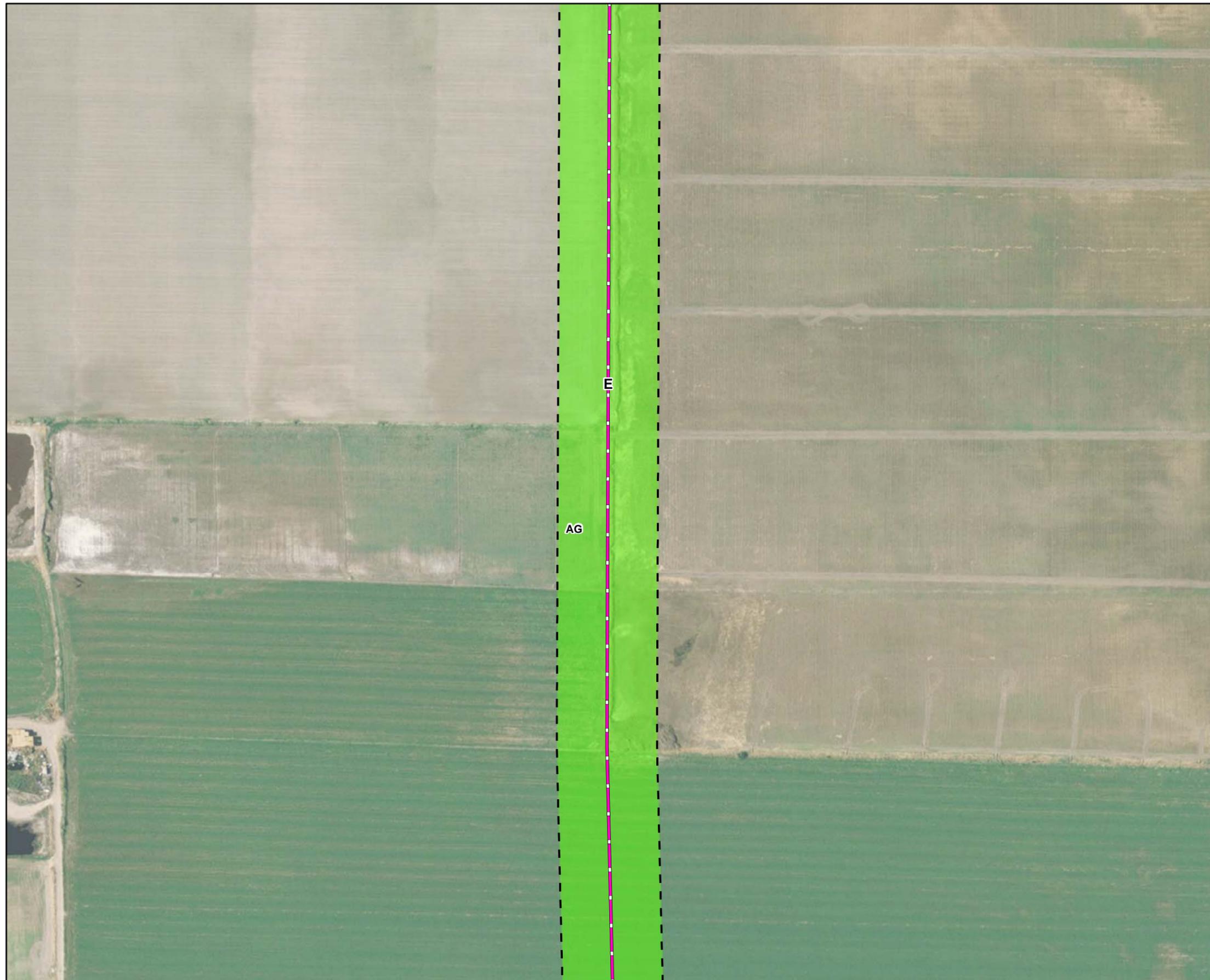


FIGURE 3-18
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

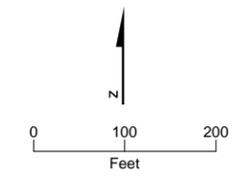
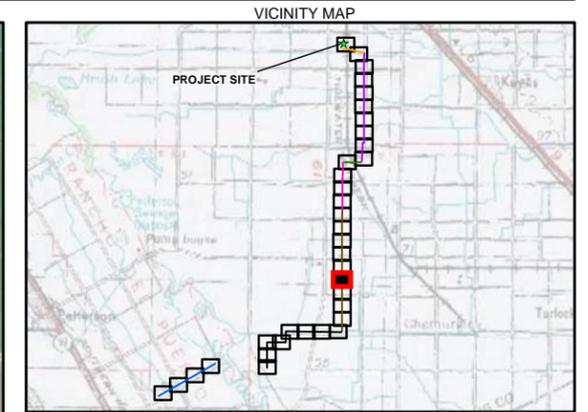


FIGURE 3-19
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

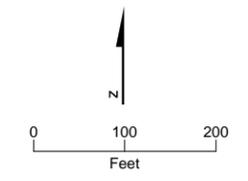
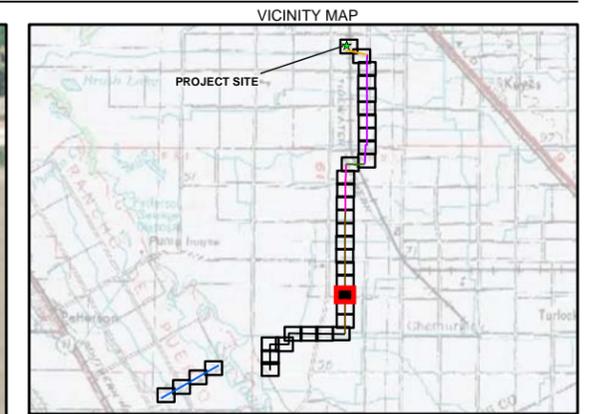


FIGURE 3-20
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

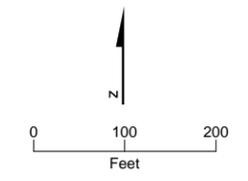
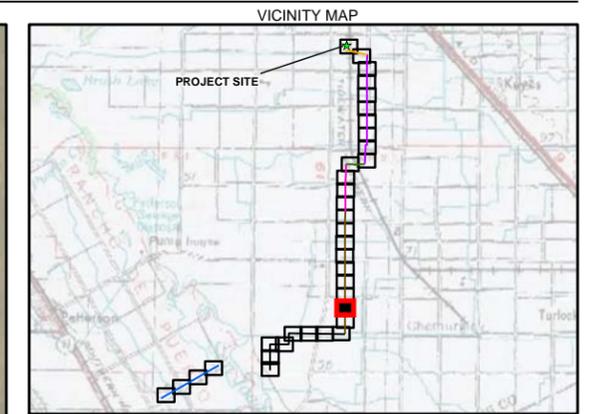
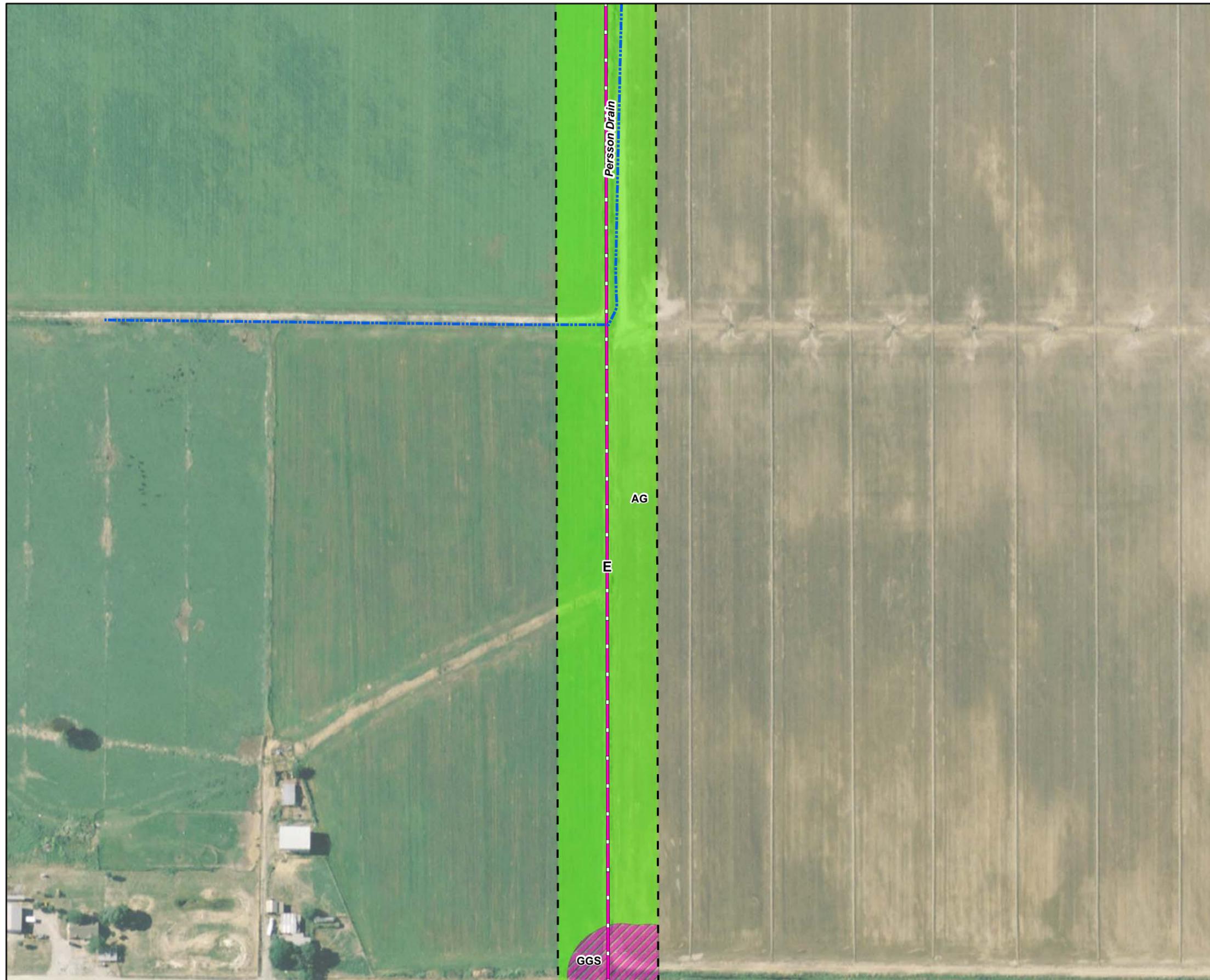


FIGURE 3-21
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

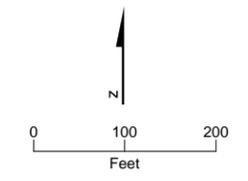
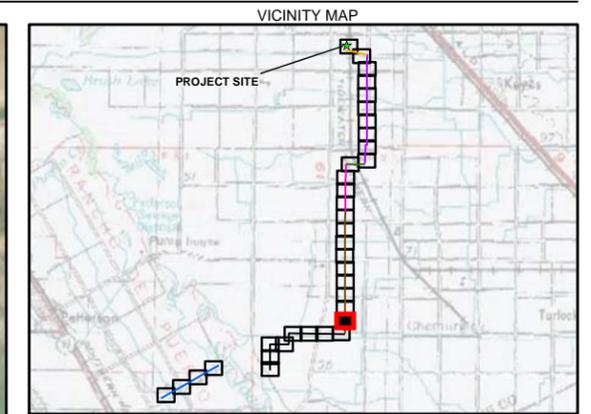


FIGURE 3-22
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



23 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

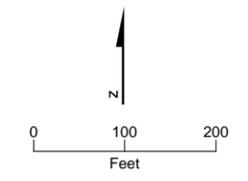
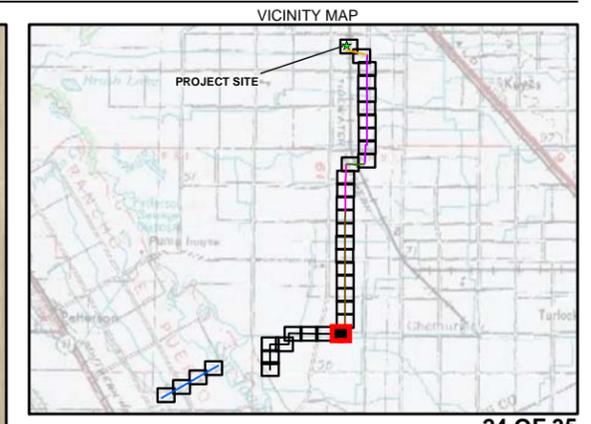
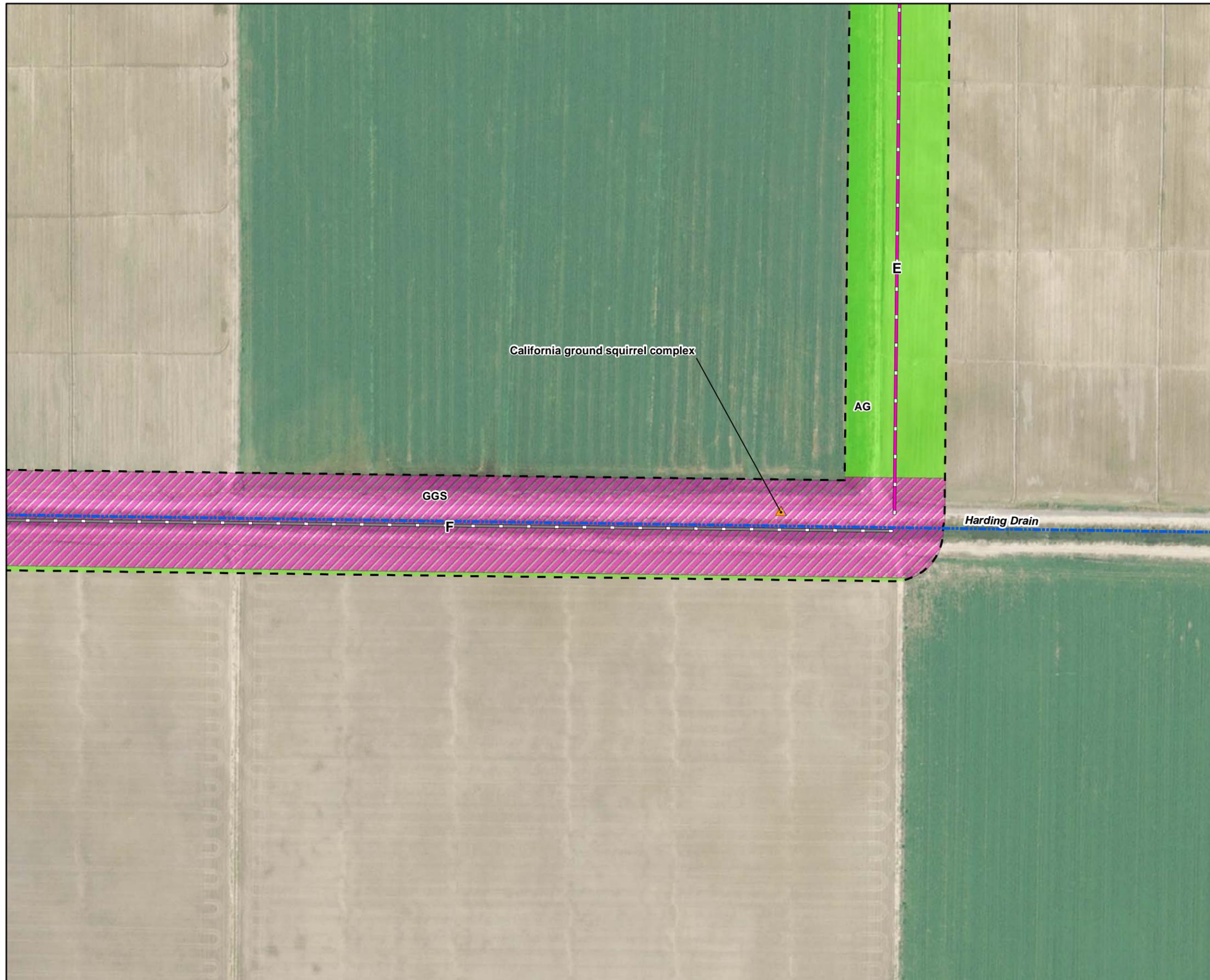


FIGURE 3-23
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- POTENTIAL JURISDICTIONAL CROSSINGS
- ┌ 200 FOOT STUDY CORRIDOR
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AG AGRICULTURE (AG)
 - FA FALLOW (FA)
 - PAS PASTURE (PAS)
 - PND POND (PND)
 - GGS POTENTIAL GIANT GARTER SNAKE HABITAT (GGS)
 - RIP RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

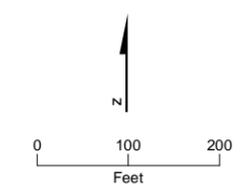
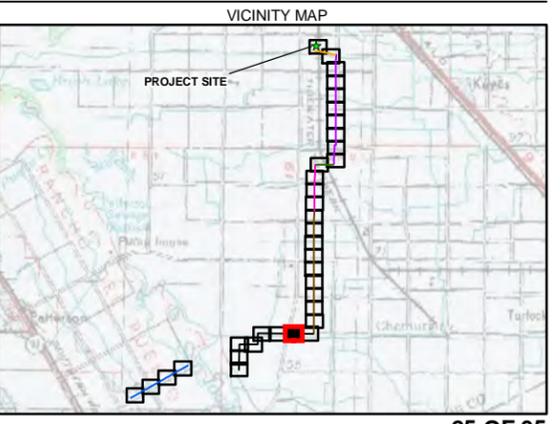
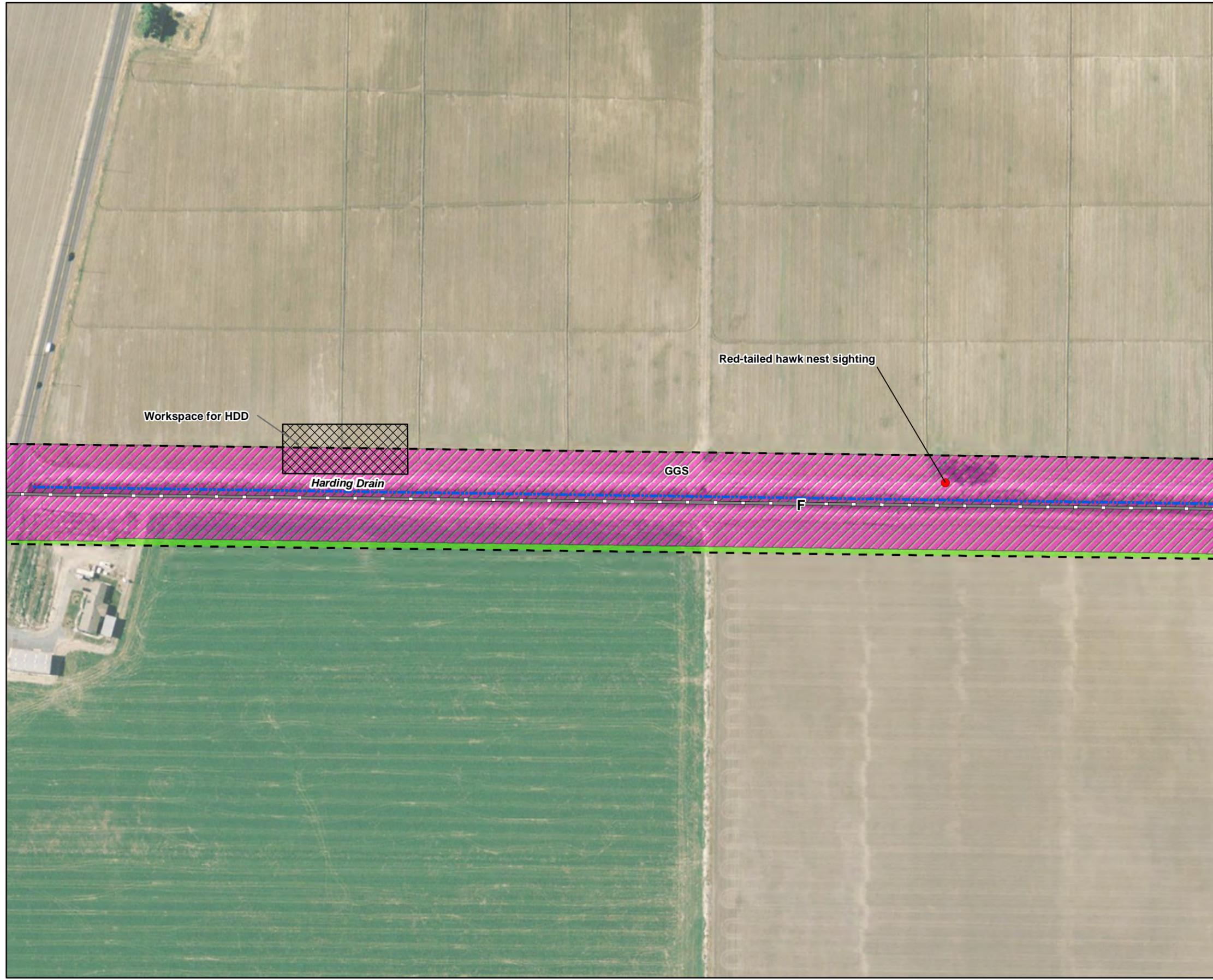


FIGURE 3-24
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



25 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

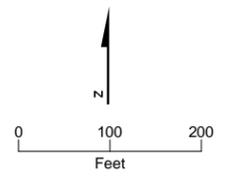
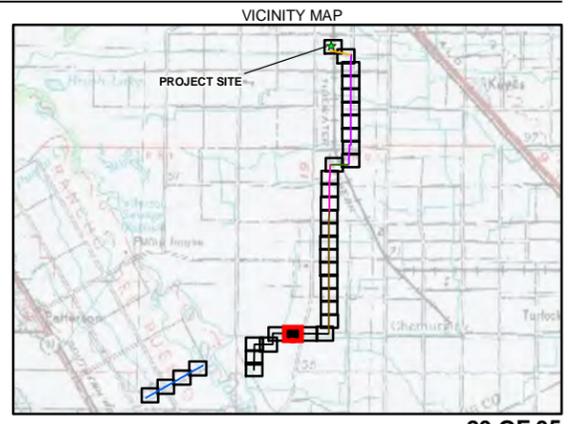
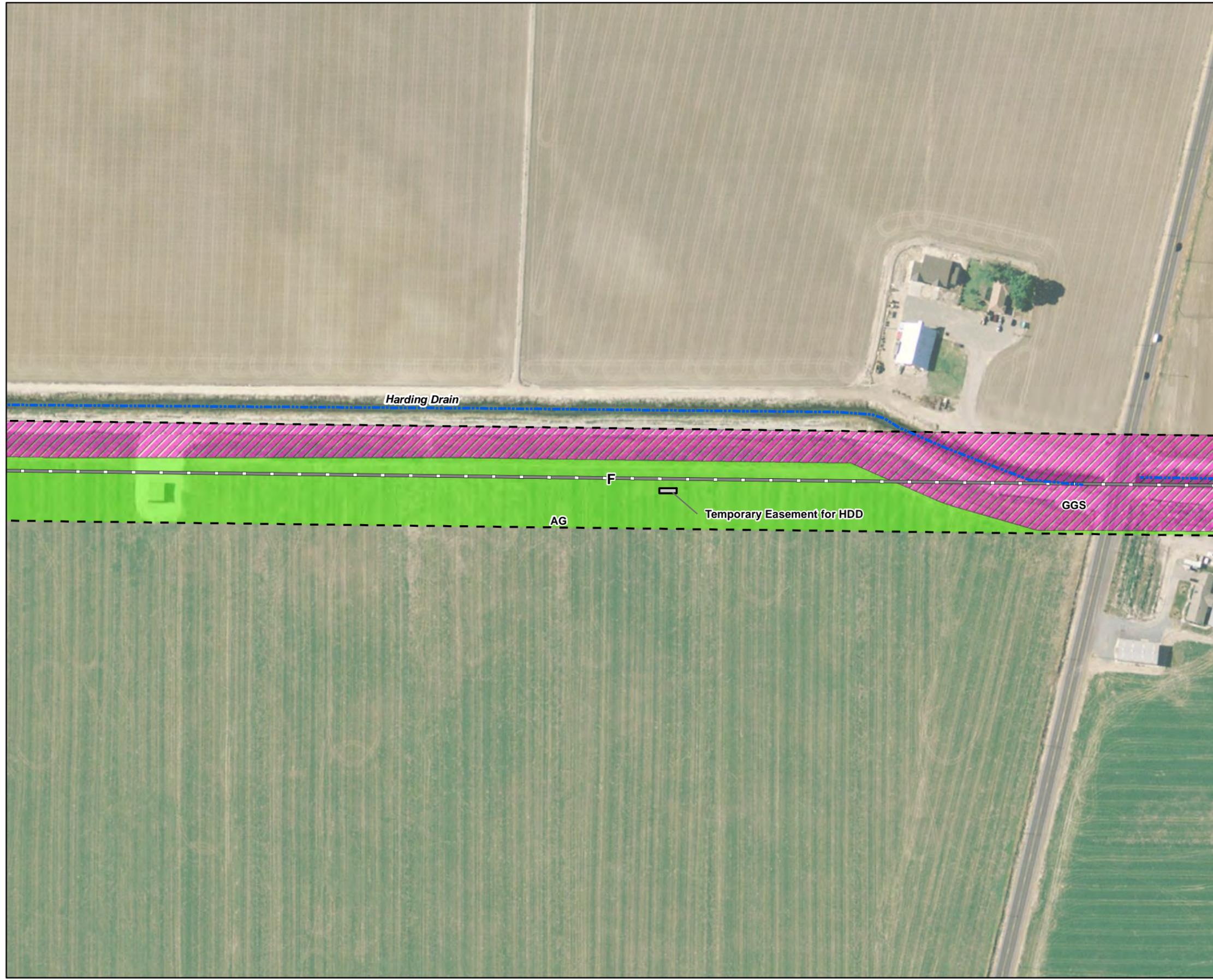


FIGURE 3-25
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



26 OF 35

LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

--- CANALS/DRAINS

┌ 200 FOOT STUDY CORRIDOR

▨ LAYDOWN AREA

▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

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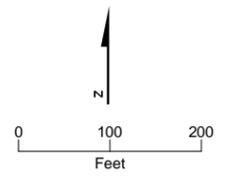
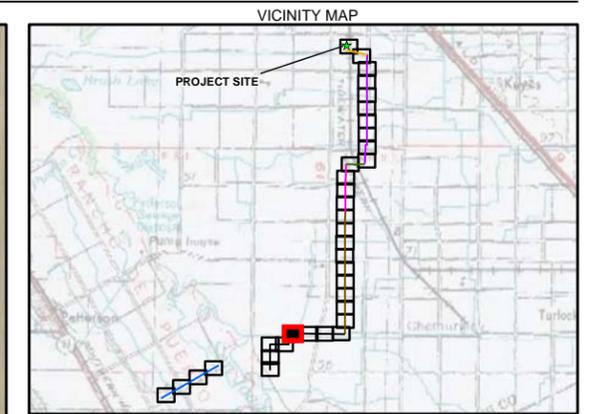


FIGURE 3-26
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



27 OF 35

LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

--- CANALS/DRAINS

┌ 200 FOOT STUDY CORRIDOR

▨ LAYDOWN AREA

▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

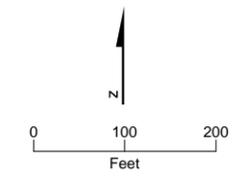
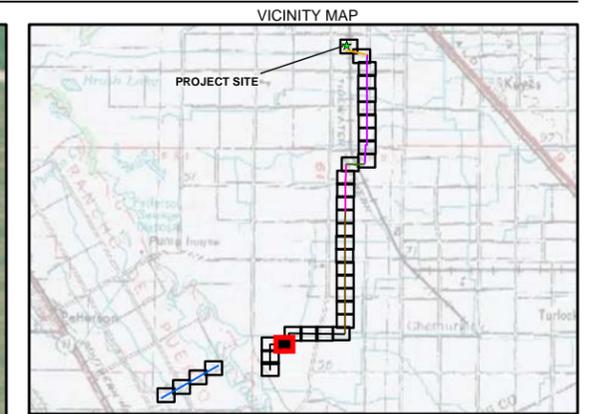
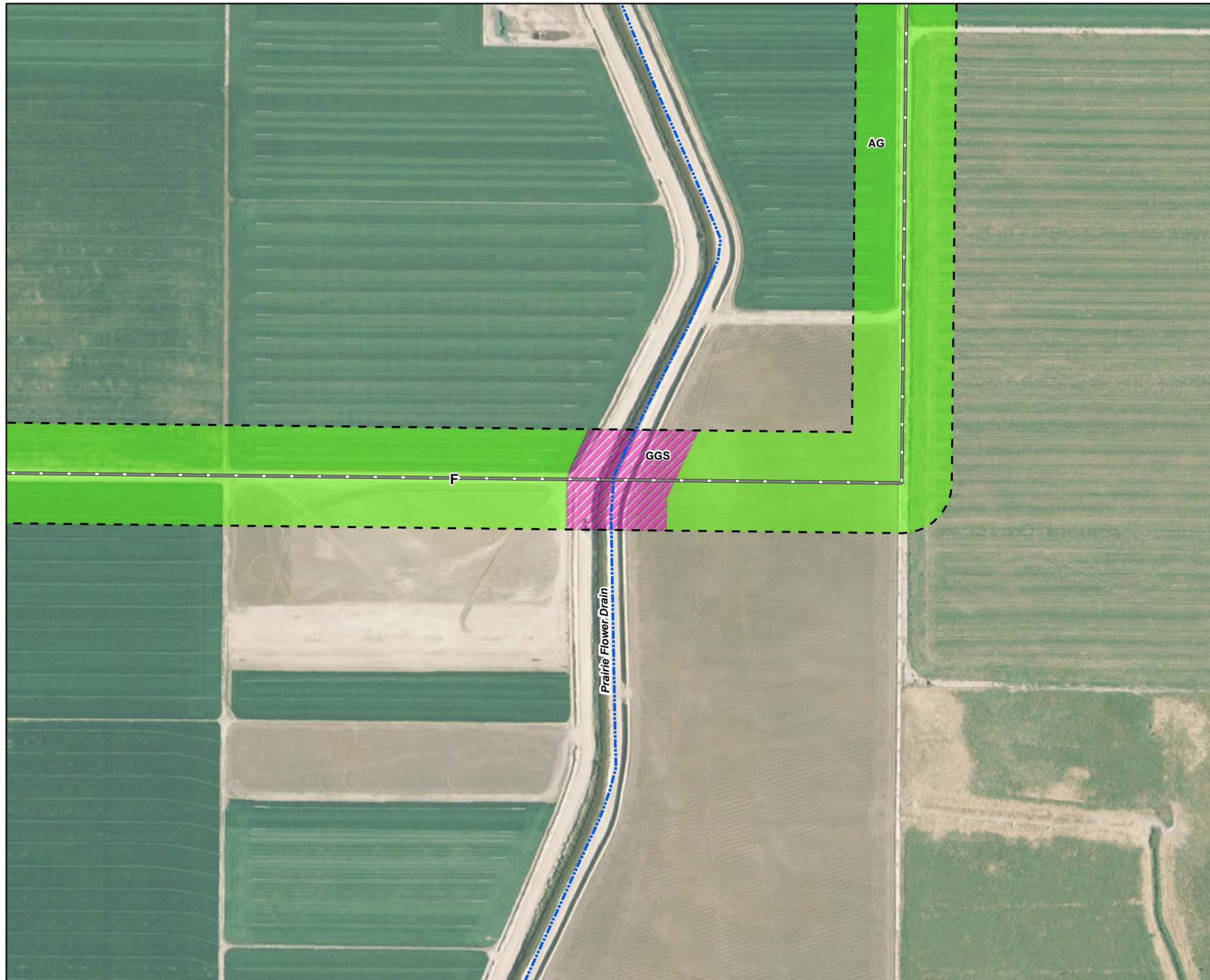


FIGURE 3-27
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

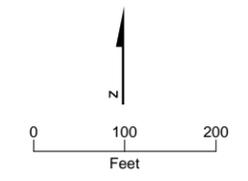
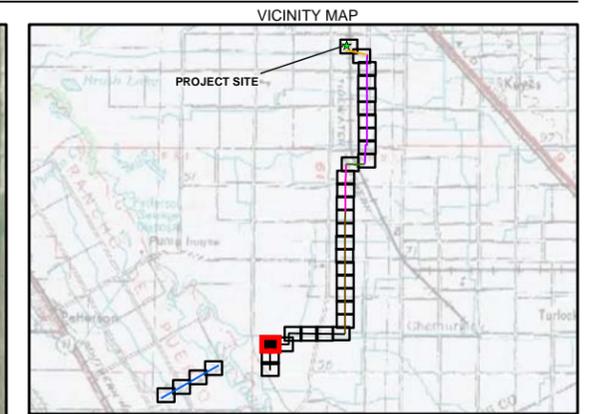


FIGURE 3-28
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
 - CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

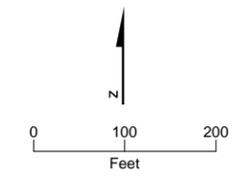
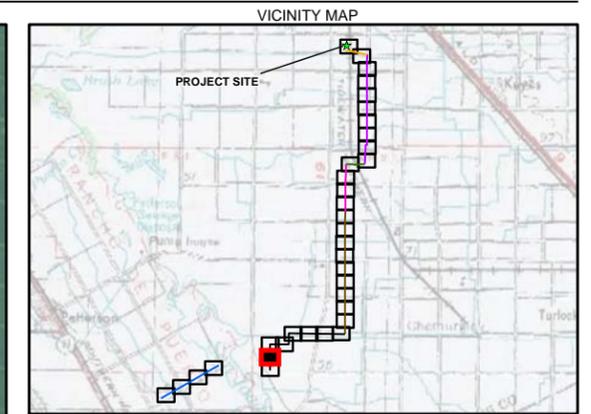


FIGURE 3-29
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



30 OF 35

- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.
 This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

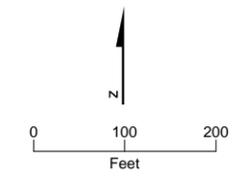
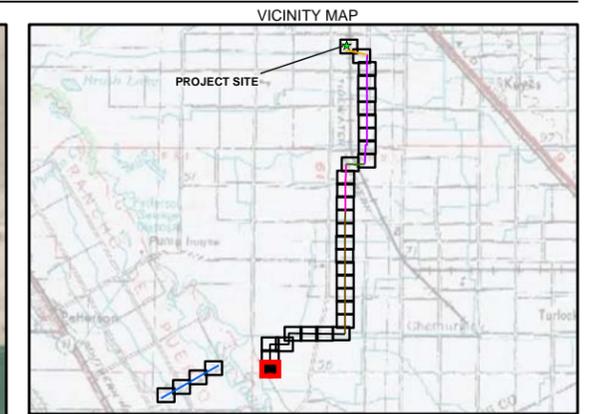


FIGURE 3-30
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F
- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- ▨ MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

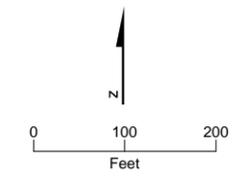
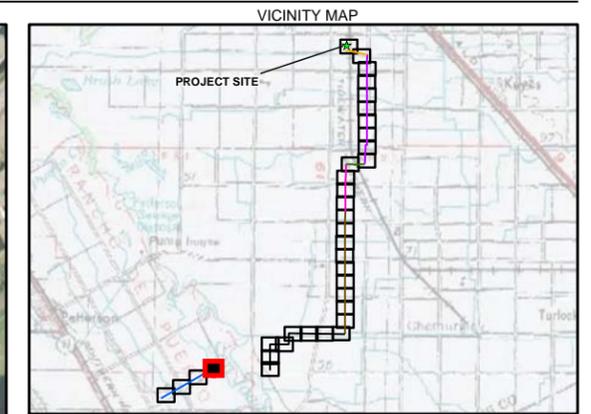
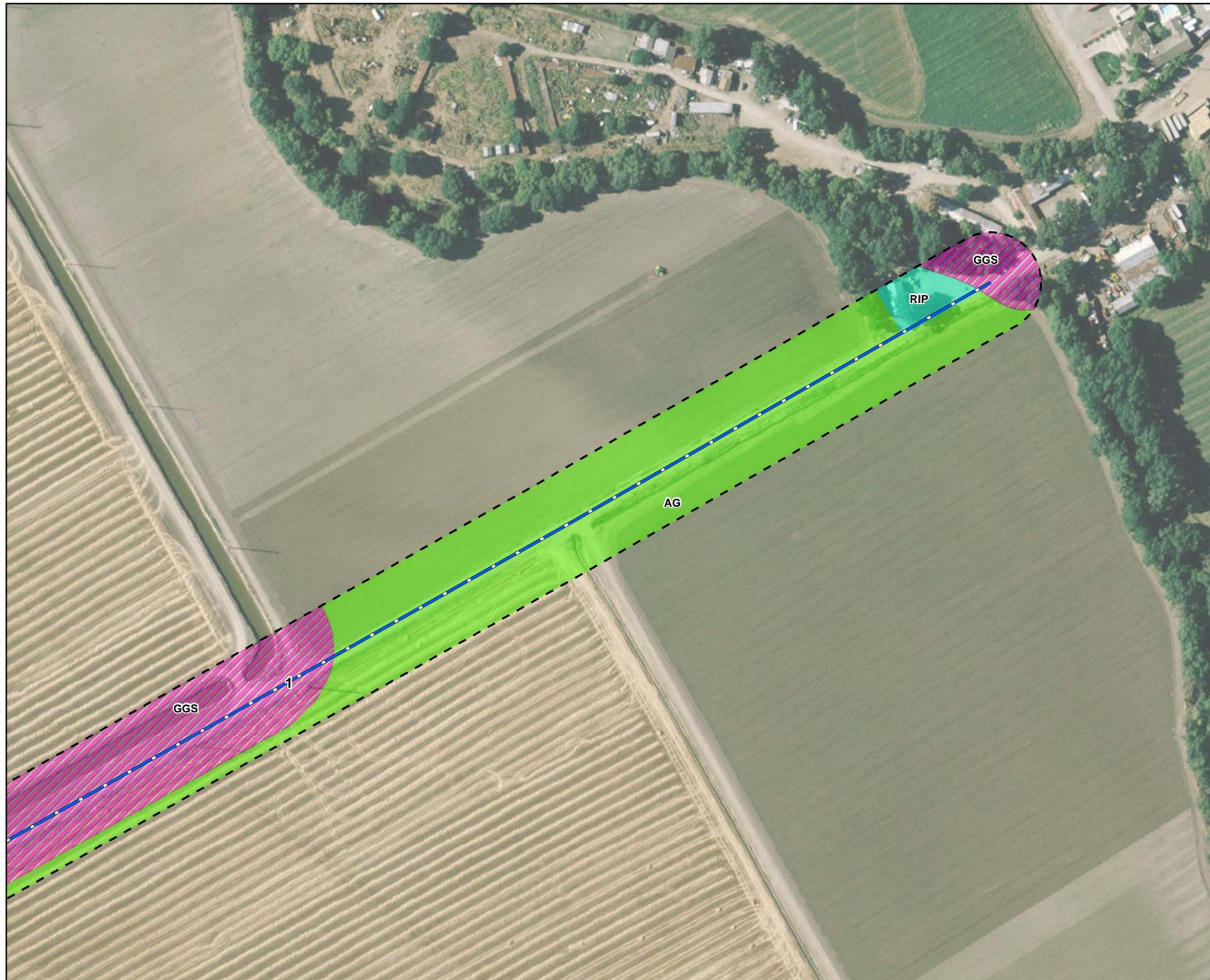


FIGURE 3-31
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
- ┌ 200 FOOT STUDY CORRIDOR
- ▨ LAYDOWN AREA
- ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AG AGRICULTURE (AG)
 - FA FALLOW (FA)
 - GGS MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PAS PASTURE (PAS)
 - PND POND (PND)
 - RIP RIPARIAN (RIP)

Notes:
 1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

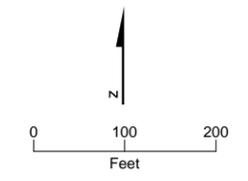
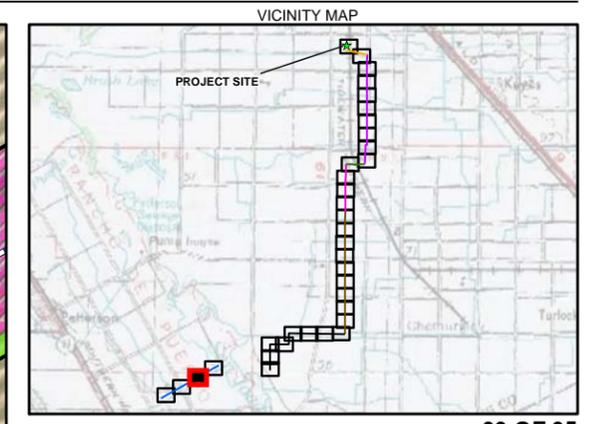
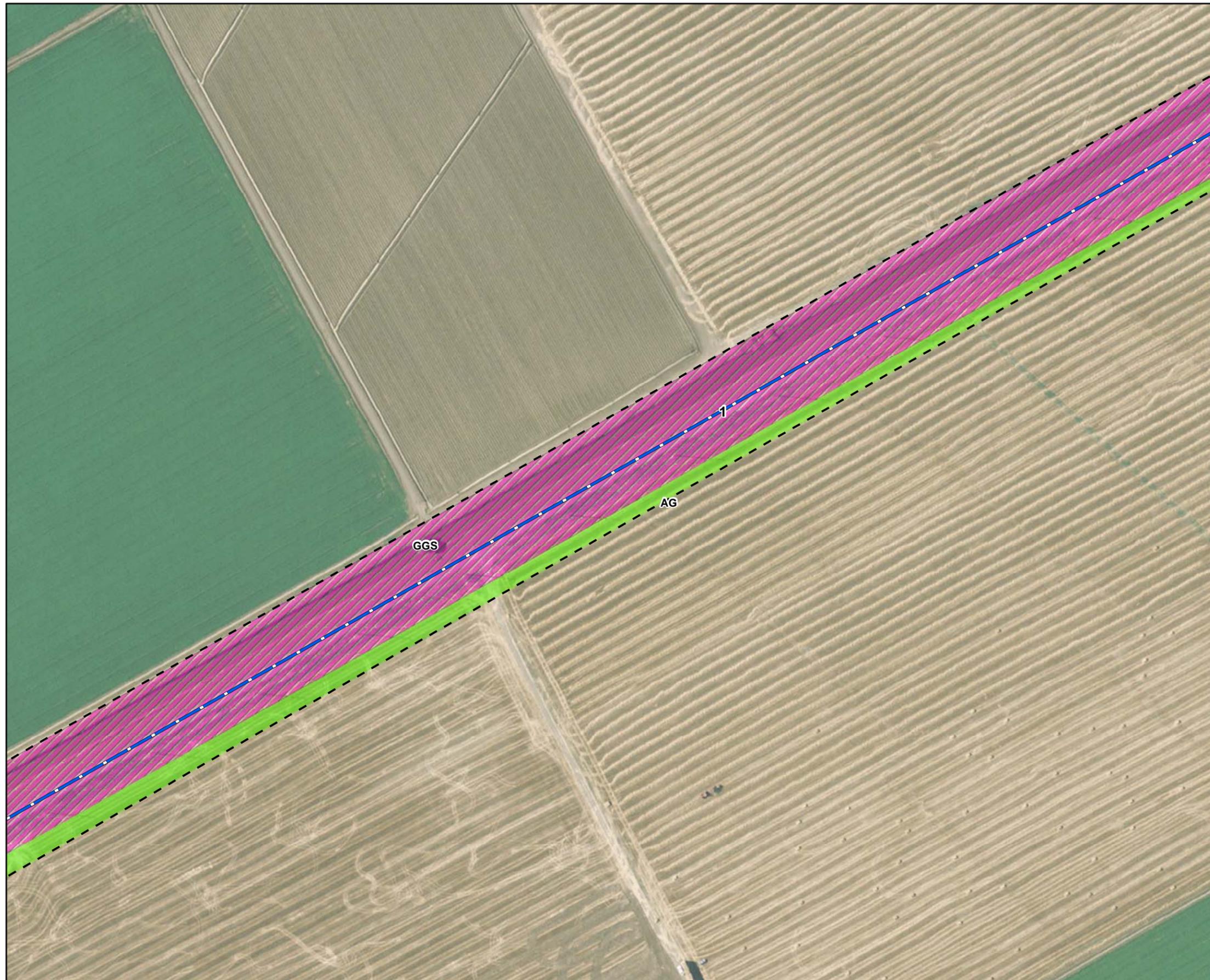


FIGURE 3-32
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AGRICULTURE (AG)
 - FALLOW (FA)
 - MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PASTURE (PAS)
 - POND (PND)
 - RIPARIAN (RIP)
- Notes:**
1. Field Biological Surveys, 2009.
- This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

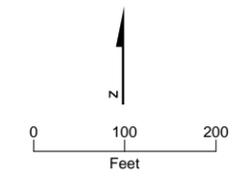
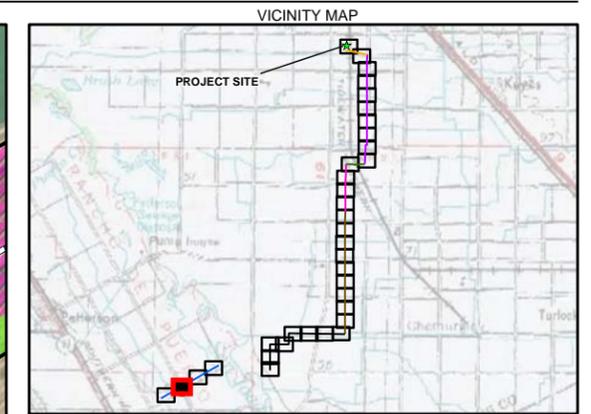
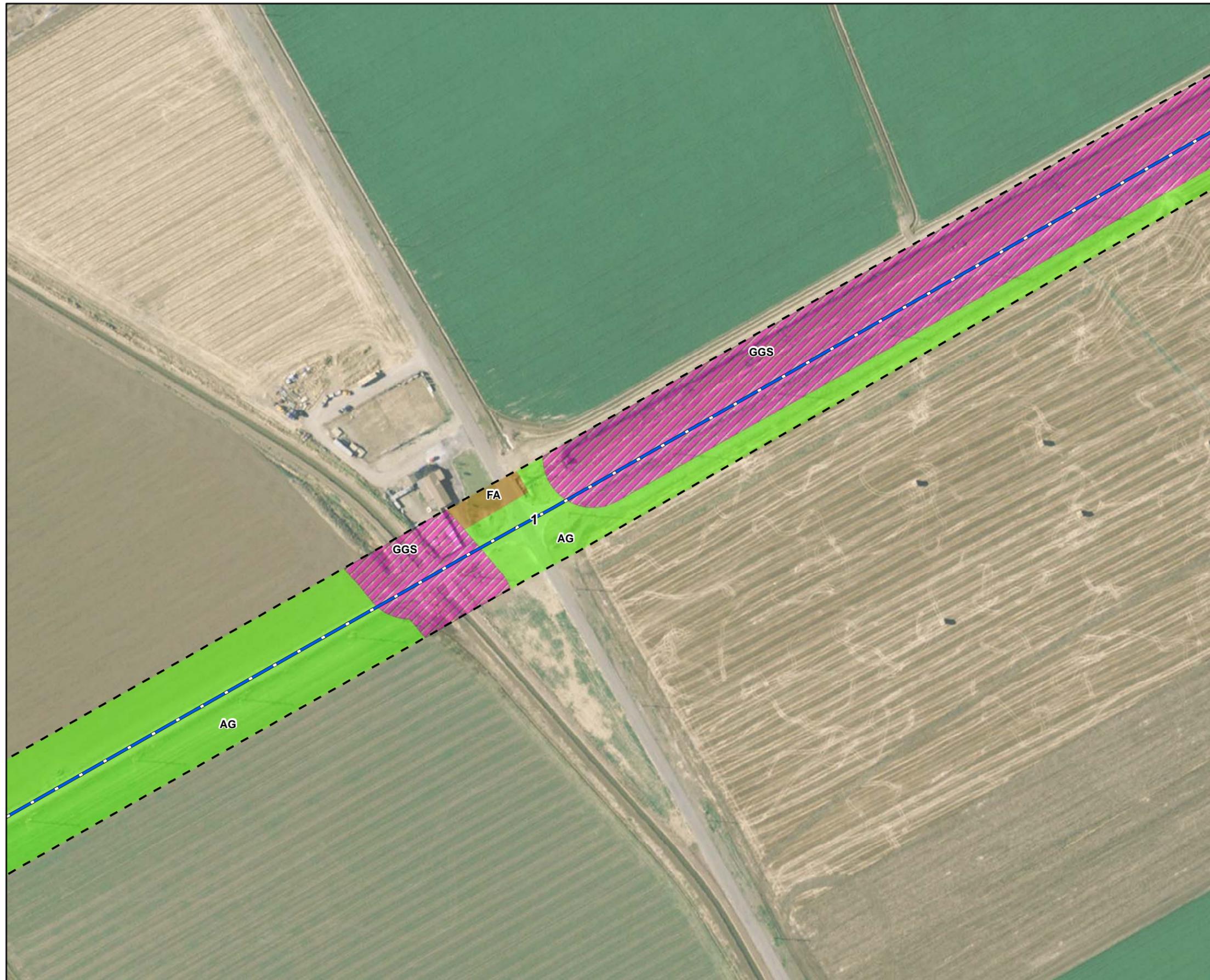


FIGURE 3-33
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- POTENTIAL FOX DEN
 - RED-TAILED HAWK NEST SIGHTING
 - UNIDENTIFIED NEST IN TREE
 - DETENTION POND
 - DRAINAGE PIPE
 - POOL/PUDDLES
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CANALS/DRAINS
 - ┌ 200 FOOT STUDY CORRIDOR
 - ▨ LAYDOWN AREA
 - ▭ PROJECT SITE
- EXISTING LAND USE**
- ▨ CORRIDOR CONSTRICTED (CC)
 - ▨ DAIRY FARM (DF)
 - ▨ FARM (FARM)
 - ▨ INDUSTRIAL (IND)
 - ▨ RESIDENTIAL (RES)
- HABITAT TYPES**
- AG AGRICULTURE (AG)
 - FA FALLOW (FA)
 - GGS MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
 - PAS PASTURE (PAS)
 - PND POND (PND)
 - RIP RIPARIAN (RIP)
- Notes:**
1. Field Biological Surveys, 2009.
- This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

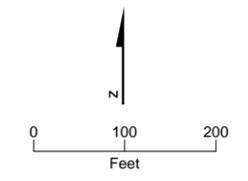
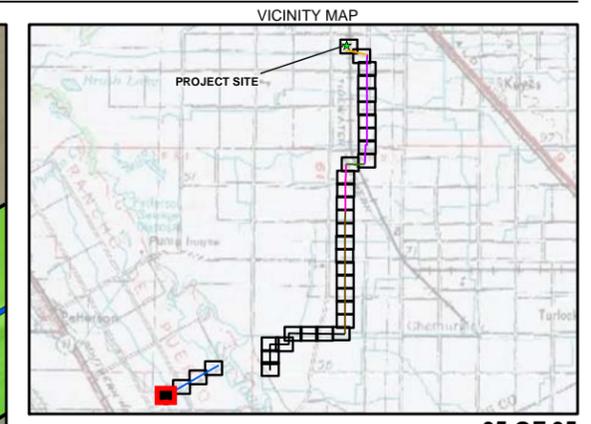
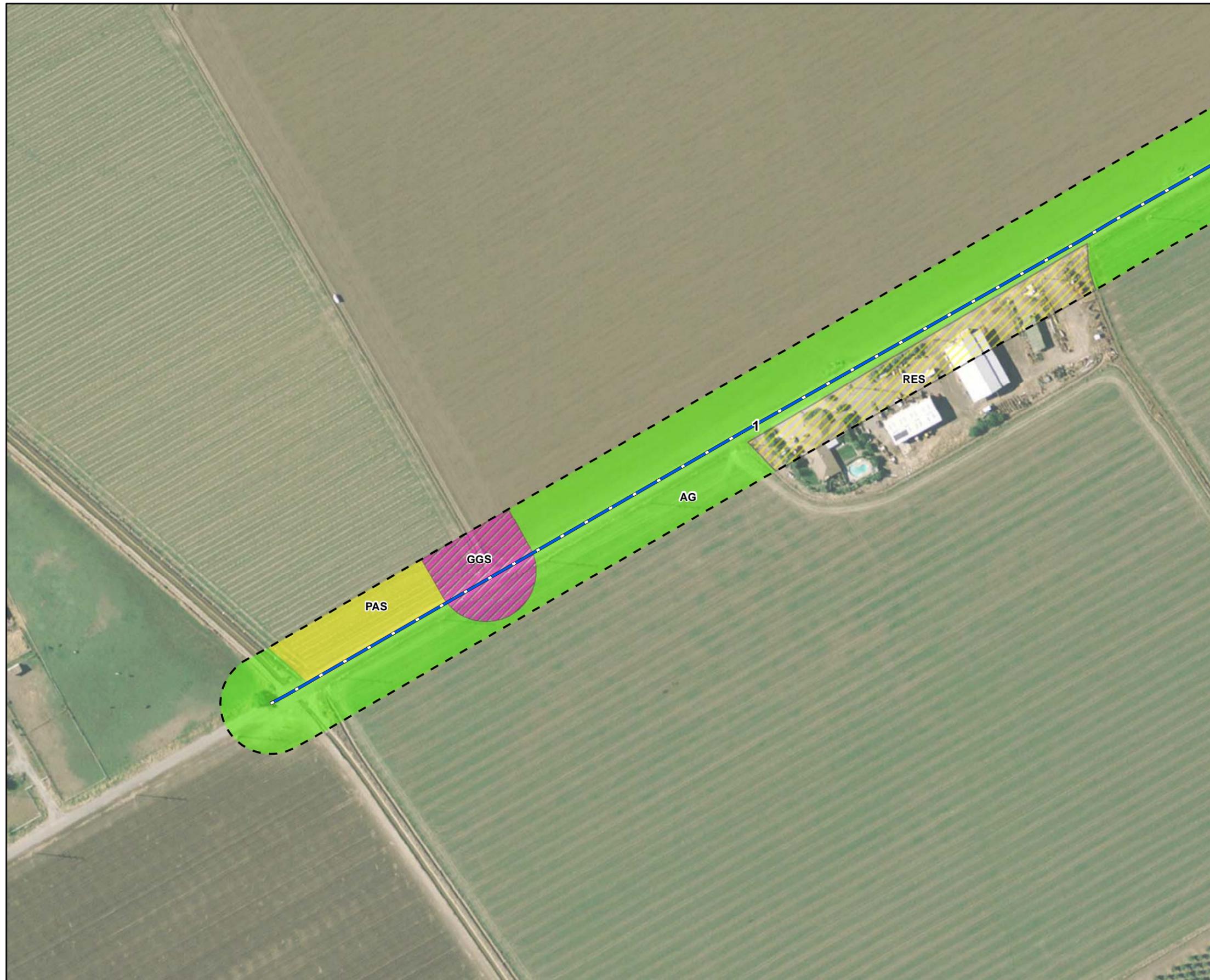


FIGURE 3-34
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- POTENTIAL FOX DEN
- RED-TAILED HAWK NEST SIGHTING
- UNIDENTIFIED NEST IN TREE
- DETENTION POND
- DRAINAGE PIPE
- POOL/PUDDLES

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

--- CANALS/DRAINS

┌ 200 FOOT STUDY CORRIDOR

▨ LAYDOWN AREA

▭ PROJECT SITE

EXISTING LAND USE

- ▨ CORRIDOR CONSTRICTED (CC)
- ▨ DAIRY FARM (DF)
- ▨ FARM (FARM)
- ▨ INDUSTRIAL (IND)
- ▨ RESIDENTIAL (RES)

HABITAT TYPES

- AGRICULTURE (AG)
- FALLOW (FA)
- MARGINAL GIANT GARTER SNAKE HABITAT (GGS)
- PASTURE (PAS)
- POND (PND)
- RIPARIAN (RIP)

Notes:

1. Field Biological Surveys, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

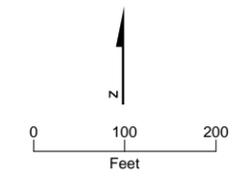
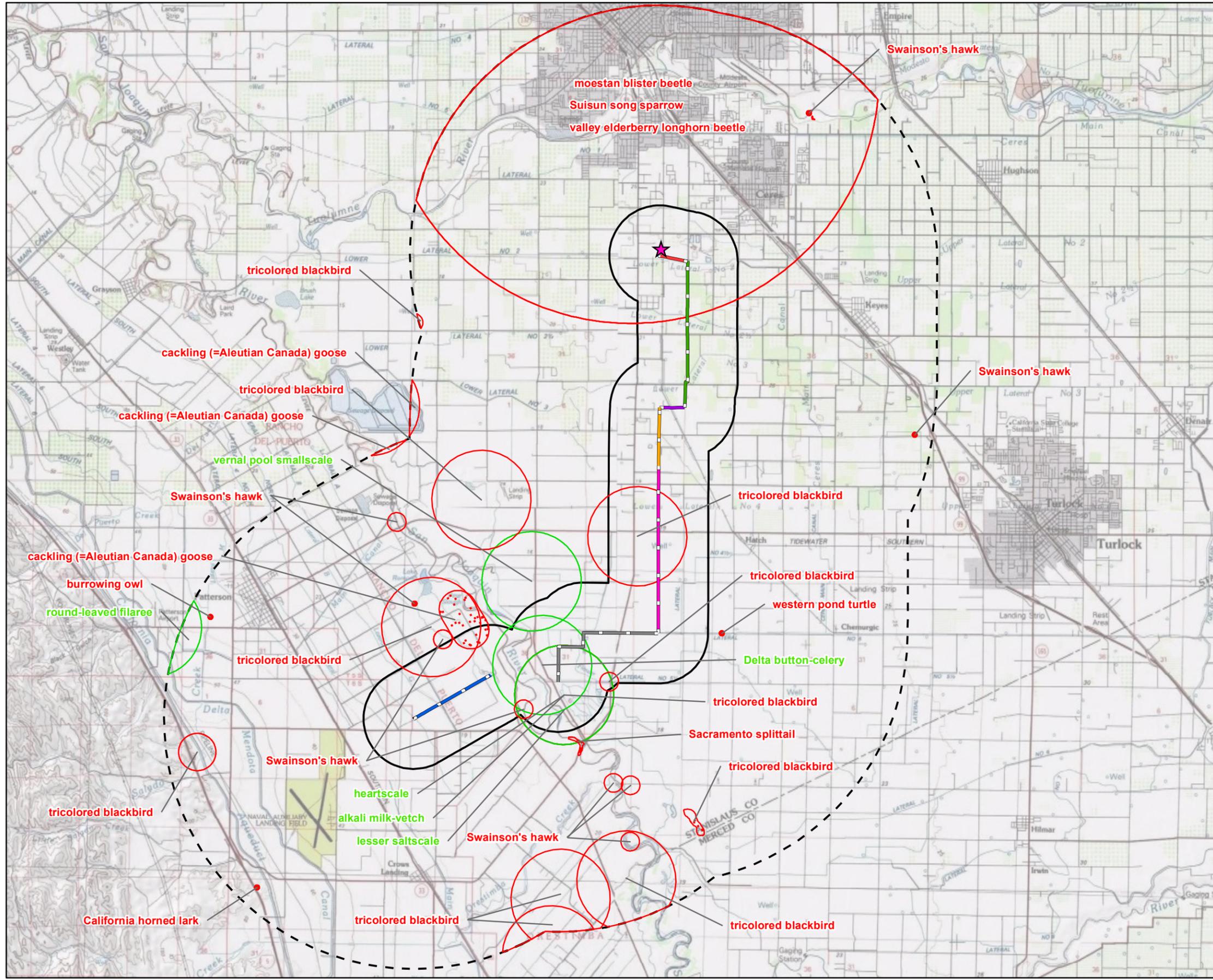


FIGURE 3-35
HABITAT COMMUNITIES AND WATER
FEATURES WITHIN SURVEY AREA
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- ★ Project Site
- ▭ 1-Mile Buffer
- ▭ 15-Mile Buffer

CNDDDB October 2009

- Plant (80m)
- Plant (specific)
- Plant (non-specific)
- Plant (circular)
- Animal (80m)
- Animal (specific)
- Animal (non-specific)
- Animal (circular)

Note:
 1. Source - California Dept. of Fish and Game, California Natural Diversity Database (CNDDDB) October, 2009.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

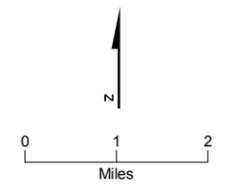
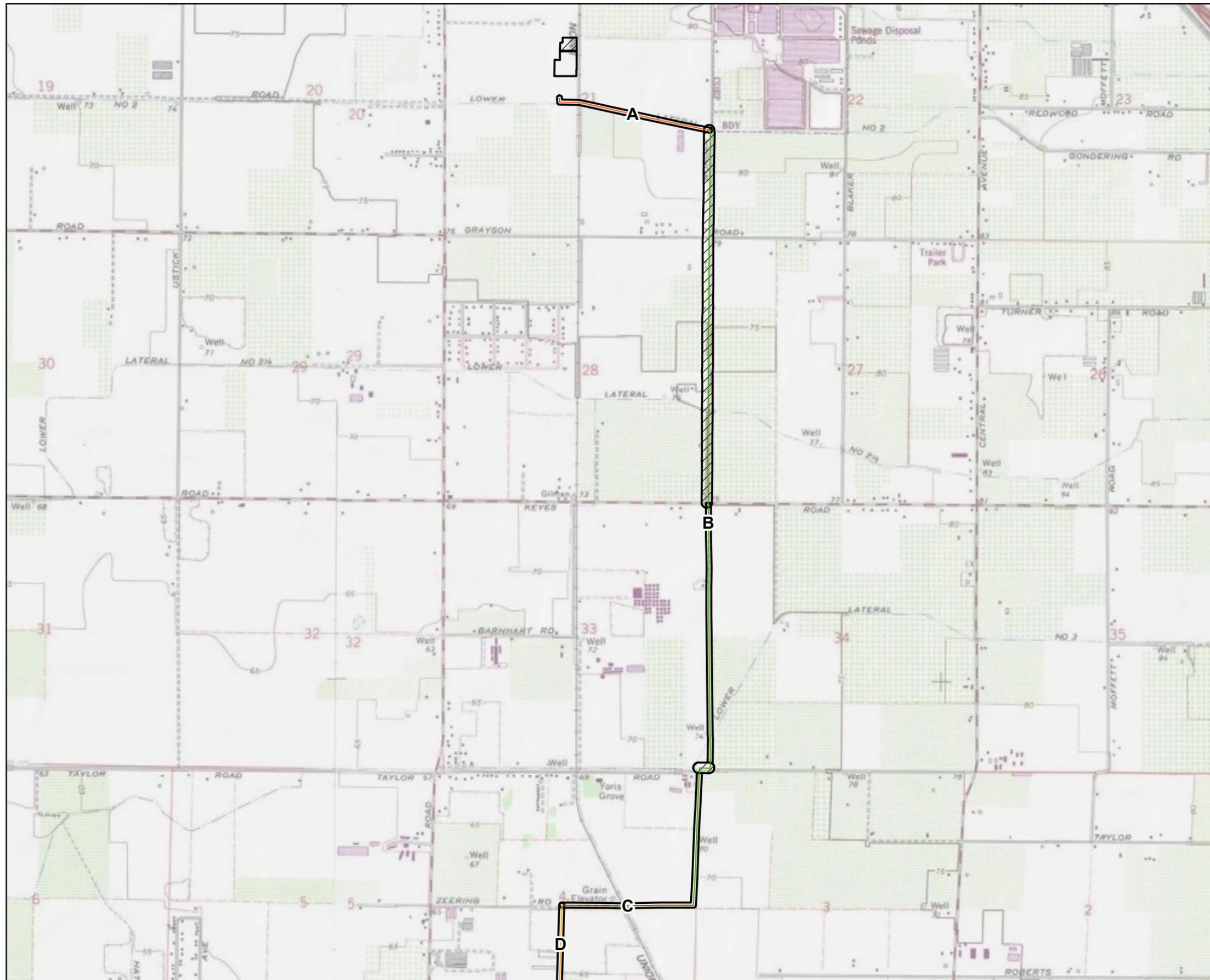


FIGURE 4
SPECIAL-STATUS SPECIES
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CULTURAL SURVEY AREAS**
- 50 FOOT BUFFER
 - 100 FOOT BUFFER
 - LAYDOWN AREA
 - PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

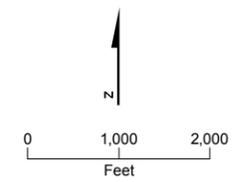
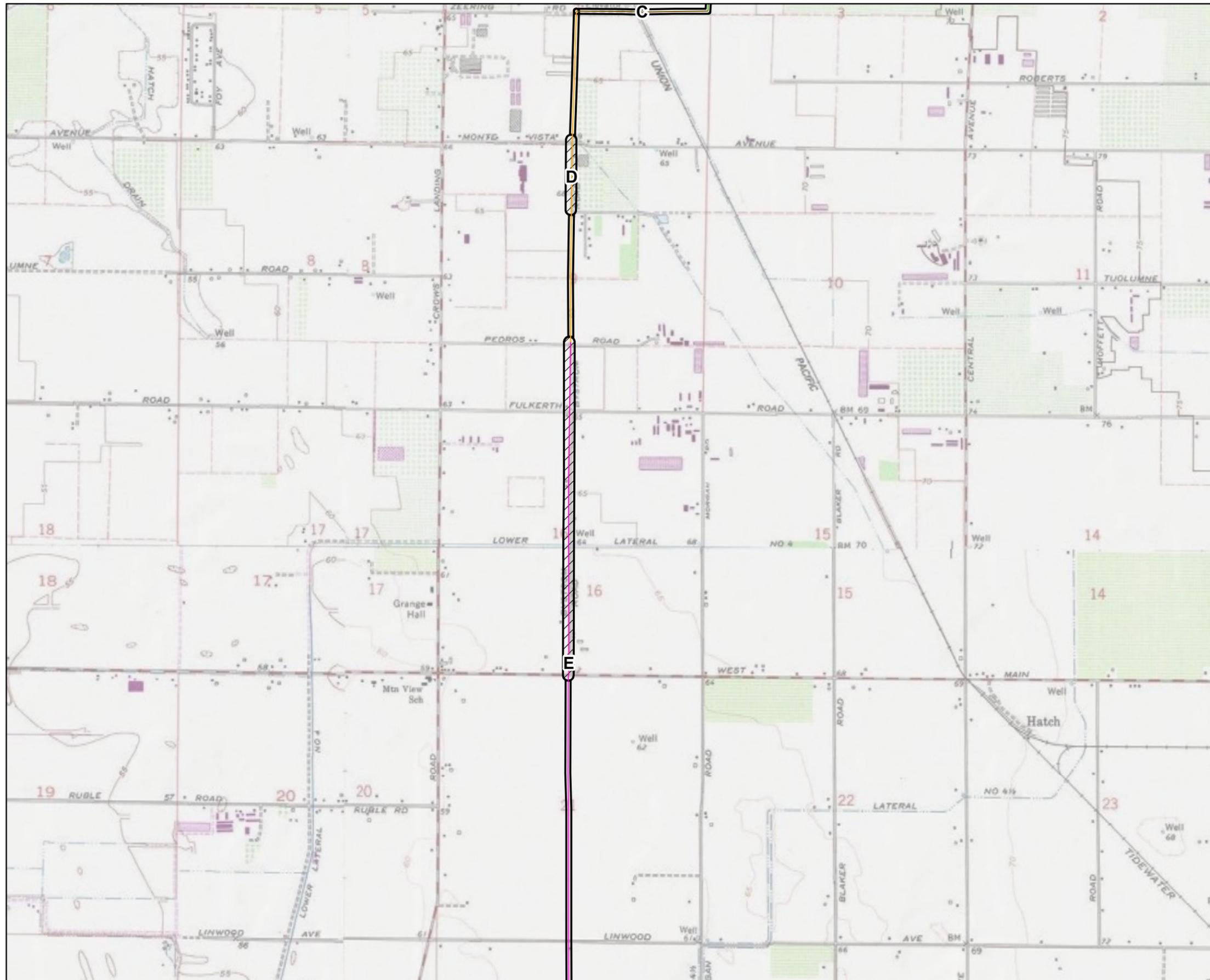


FIGURE 5A
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CULTURAL SURVEY AREAS**
- 50 FOOT BUFFER
 - 100 FOOT BUFFER
 - LAYDOWN AREA
 - PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

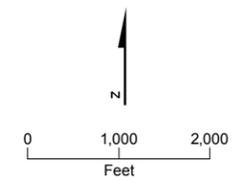
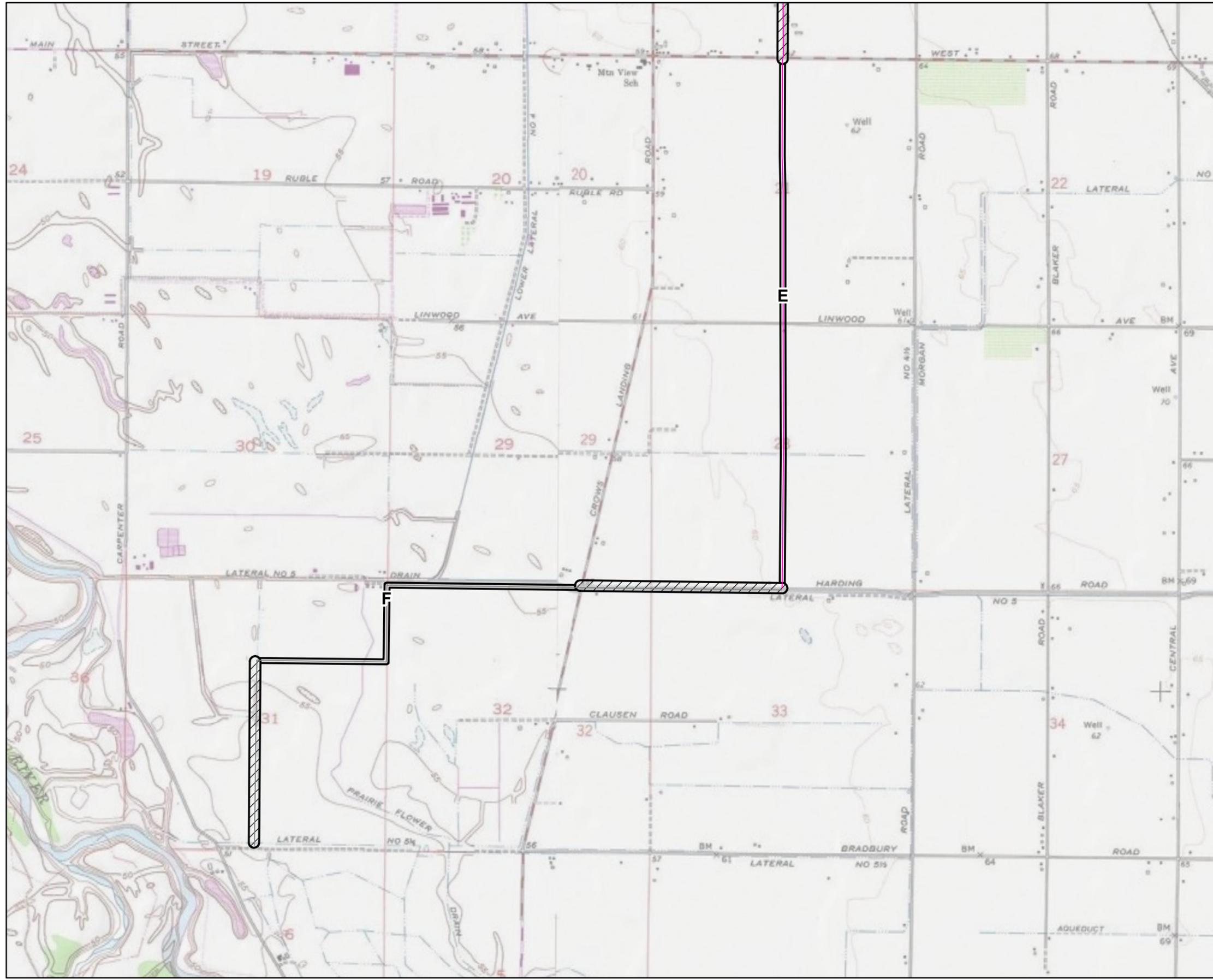


FIGURE 5B
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F

- CULTURAL SURVEY AREAS**
- 50 FOOT BUFFER
 - 100 FOOT BUFFER
 - LAYDOWN AREA
 - PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

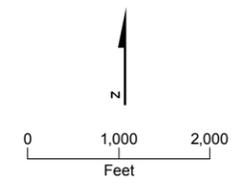


FIGURE 5C
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F

- CULTURAL SURVEY AREAS**
- 50 FOOT BUFFER
 - 100 FOOT BUFFER
 - LAYDOWN AREA
 - PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

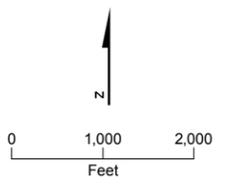
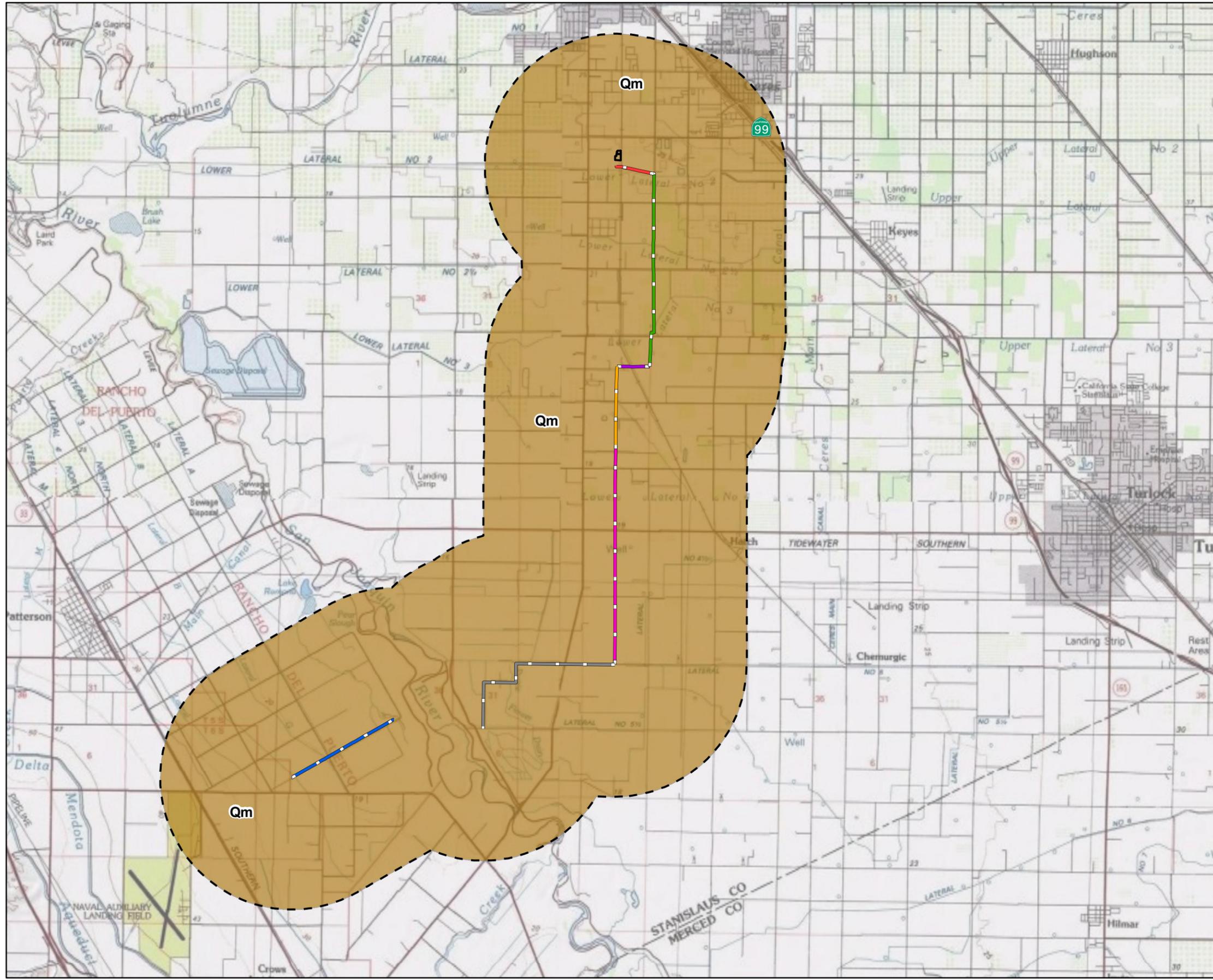


FIGURE 5D
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

--- TWO MILE BUFFER

▨ LAYDOWN AREA

▭ PROJECT SITE

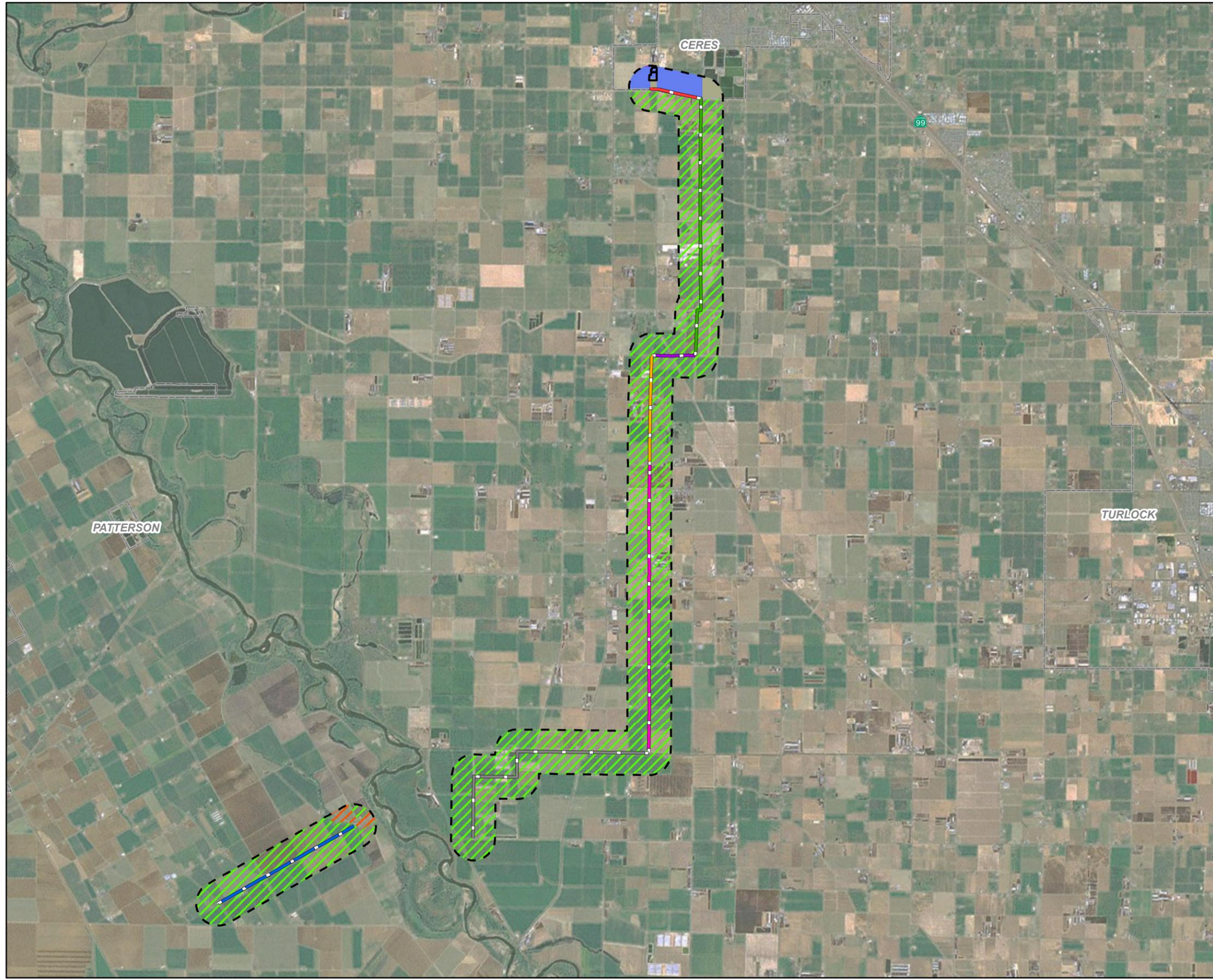
Geology Type

- Qm - MODESTO FORMATION

Note:
 1. California Geological Survey (CGS). 1990. Geologic Map of the San Francisco-San Jose Quadrangle, California, Map No. 5A (Geology). California Department of Conservation. Prepared by D.L. Wagner, E.J. Bortugno, and R.D. McJunkin.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

FIGURE 6
GEOLOGY WITHIN TWO MILES
ALONG THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

CITY BOUNDARIES

- BUFFER
- ▨ LAYDOWN AREA
- PROJECT SITE

GENERAL PLAN DESIGNATIONS

CITY OF CERES

- COMMUNITY FACILITIES, CF
- GENERAL INDUSTRIAL, GI
- LIGHT INDUSTRIAL, LI

STANISLAUS COUNTY

- ▨ AGRICULTURE, AG
- ▨ COMMERCIAL, COM

- Notes:
1. 1/4 mile around Natural Gas Pipelines Only.
 2. Source: Stanislaus County General Plan, 2008a. City of Ceres General Plan, 2008a.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

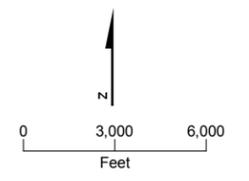
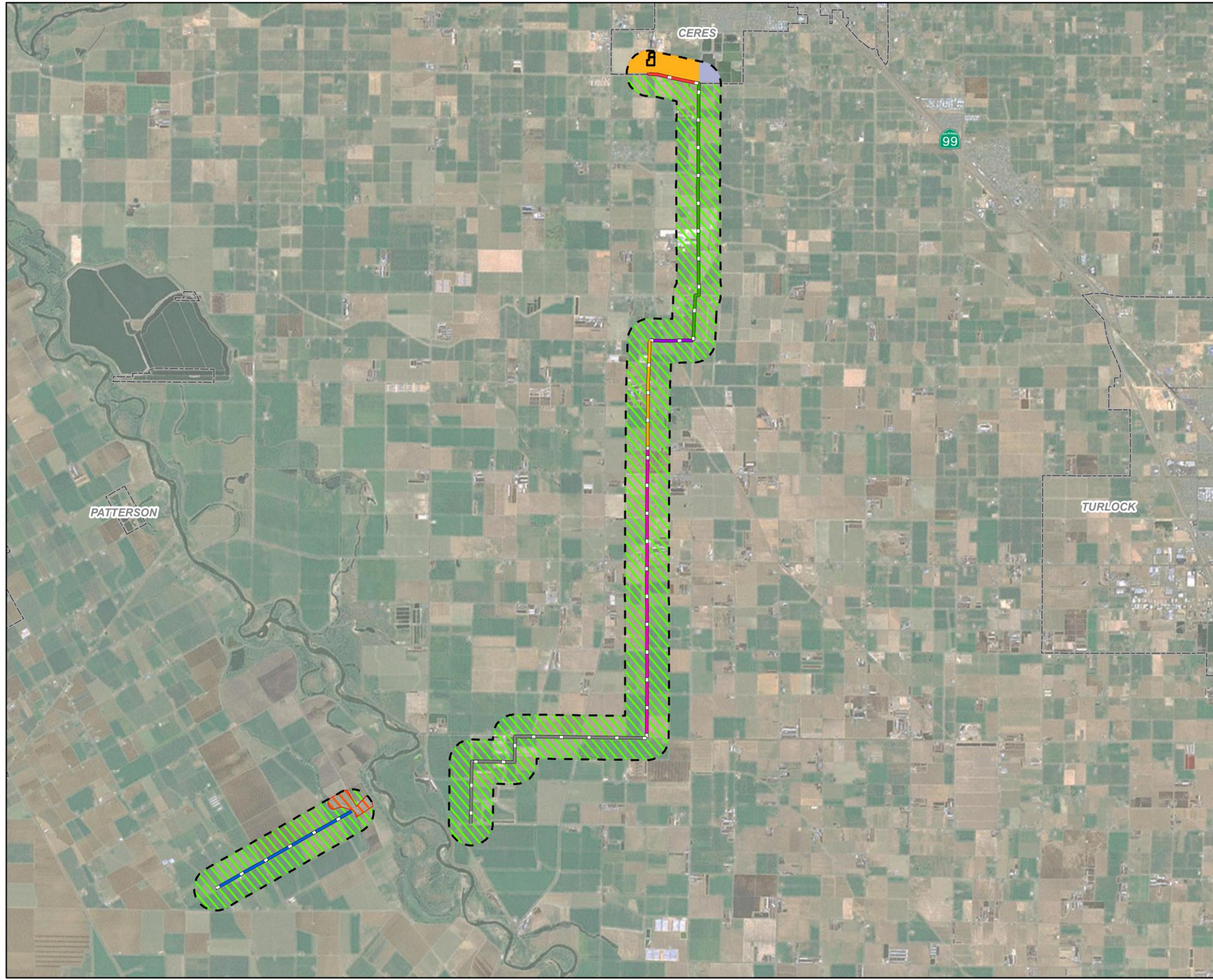


FIGURE 7
GENERAL PLAN DESIGNATIONS
ALONG THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F
- BUFFER
- CITY BOUNDARIES
- LAYDOWN
- PROJECT SITE

ZONING DESIGNATIONS

CITY OF CERES

- COMMUNITY FACILITY, CF
- PLANNED COMMUNITY, PC (50)

STANISLAUS COUNTY

- GENERAL AGRICULTURE, A-2-40
- GENERAL COMMERCIAL, C-2

- Notes:
1. 1/4 mile around Natural Gas Pipelines
 2. Source: Zoning for Stanislaus County, 2007a, City of Ceres 2008b Zoning Map.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

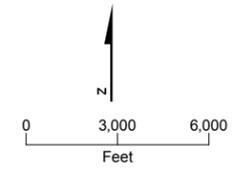
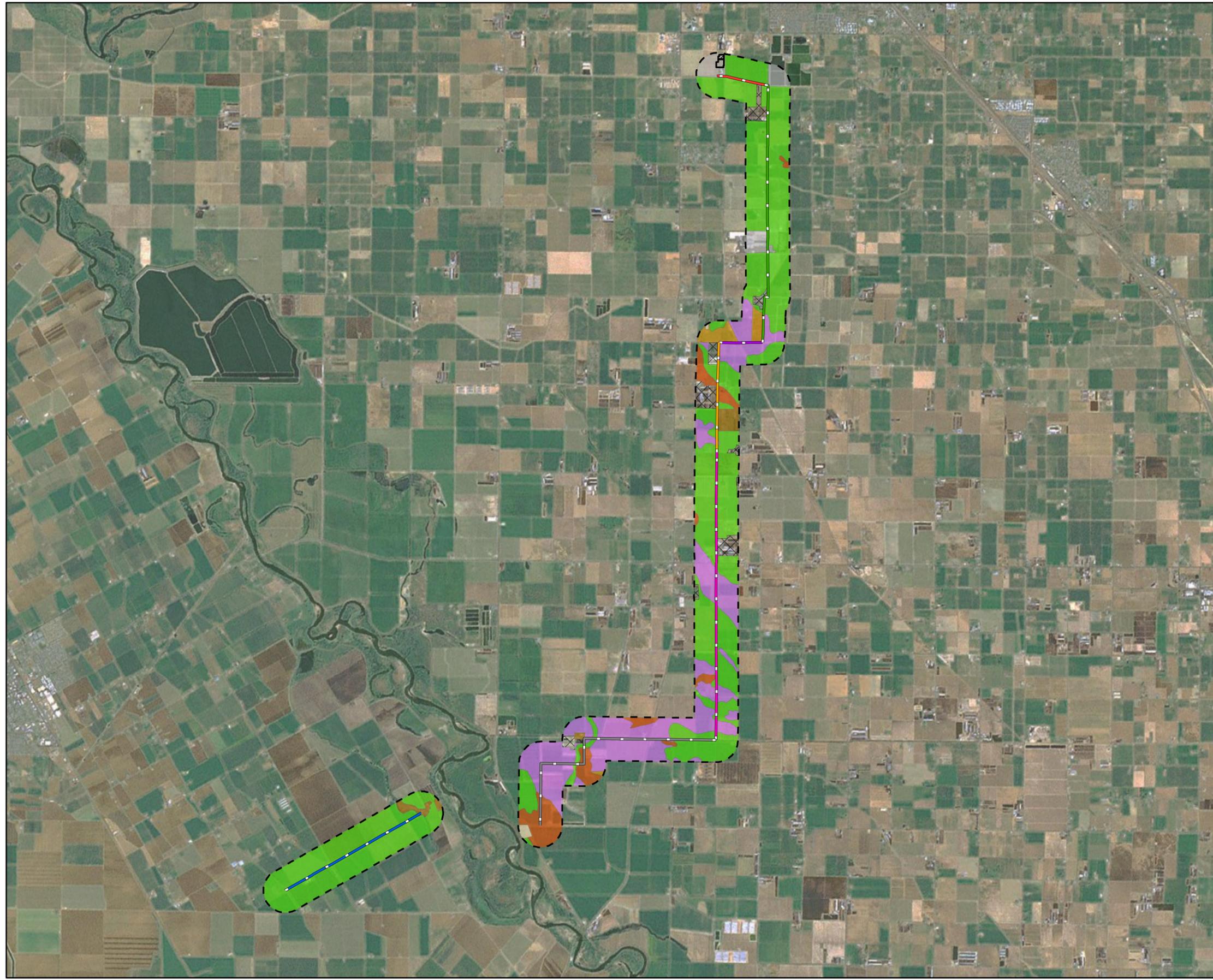


FIGURE 8
ZONING DESIGNATIONS ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

BUFFER
 LAYDOWN AREA
 PROJECT SITE

FMMP DESIGNATION

- PRIME FARMLAND
- FARMLAND OF STATEWIDE IMPORTANCE
- FARMLAND OF LOCAL IMPORTANCE
- UNIQUE FARMLAND
- URBAN AND BUILT-UP LAND
- RURAL
- VACANT
- LAND COMMITTED TO NONAGRICULTURAL USE

- Notes:
1. 1/4 mile around Natural Gas Pipelines.
 2. Source: California Department of Conservation, Farmland Mapping and Monitoring Program (FMMP), Stanislaus County, 2006.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

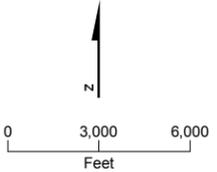
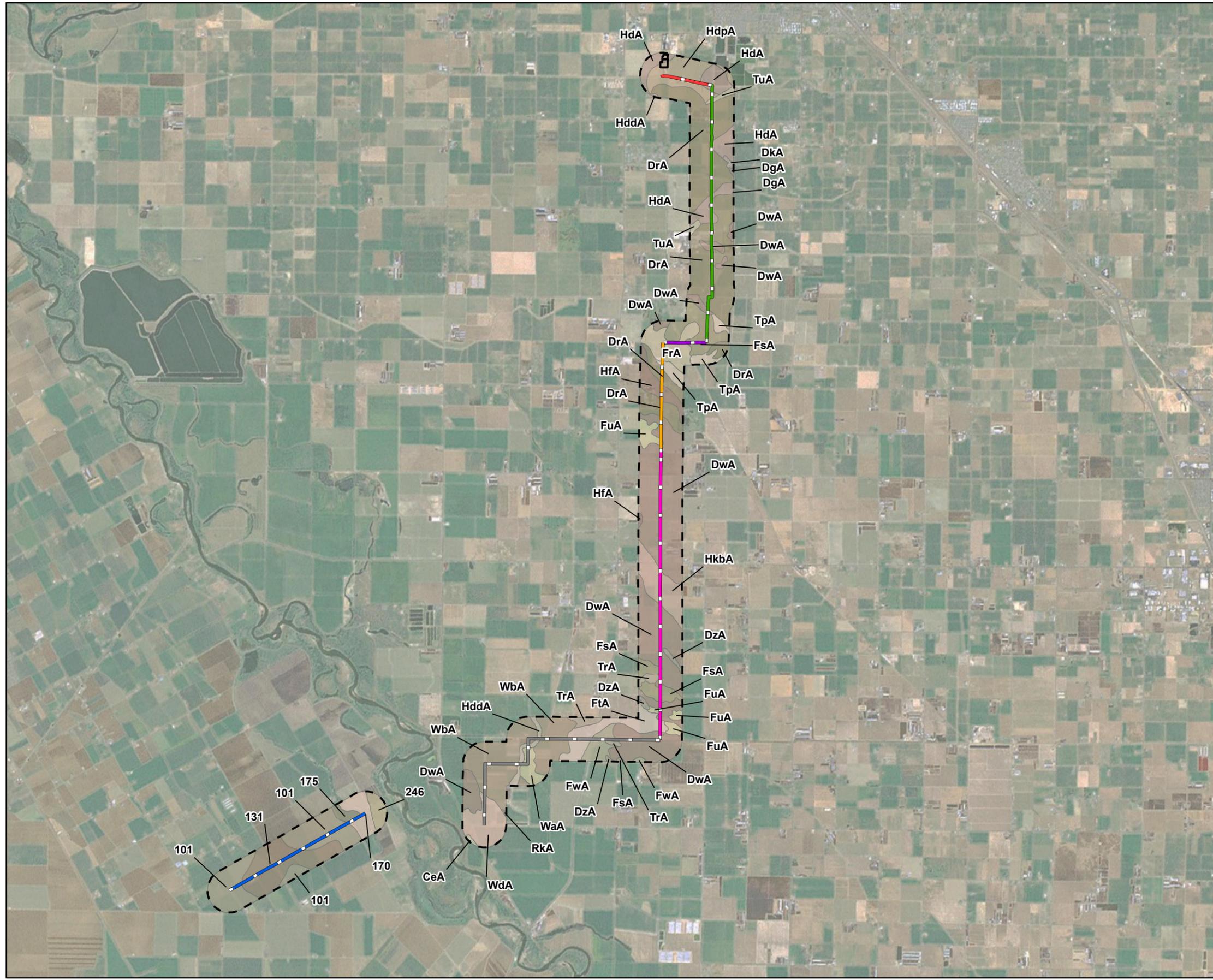


FIGURE 9
IMPORTANT FARMLAND ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

LAYDOWN AREA

PROJECT SITE

BUFFER

SOIL TYPES

- 101, Capay clay, wet, 0 to 2 percent slopes
- 131, Stomar clay loam, wet, 0 to 2 percent slopes
- 170, Dospalos-Boflar complex, 0 to 2 percent slopes, occasionally flooded
- 175, Dospalos-Boflar complex, 0 to 2 percent slopes, rarely flooded
- 246, Boflar-Columbia complex, 0 to 2 percent slopes, occasionally flooded
- CeA, Columbia loam, 0 to 1 percent slopes
- DgA, Delhi loamy sand, silty substratum, 0 to 3 percent slopes
- DkA, Dello loamy sand, 0 to 1 percent slopes
- DrA, Dinuba sandy loam, 0 to 1 percent slopes
- DwA, Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
- DzA, Dinuba sandy loam, very poorly drained variant, slightly saline-alkali, 0 to 1 percent slopes
- FrA, Fresno fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
- FsA, Fresno fine sandy loam, strongly saline-alkali, 0 to 1 percent slopes
- FtA, Fresno sandy loam, slightly saline-alkali, 0 to 1 percent slopes
- FuA, Fresno sandy loam, moderately saline-alkali, 0 to 1 percent slopes
- FwA, Fresno-Dinuba sandy loams, strongly saline-alkali, 0 to 1 percent slopes
- HdA, Hanford sandy loam, 0 to 3 percent slopes
- HddA, Hanford sandy loam, poorly drained variant, 0 to 1 percent slopes
- HdpA, Hanford sandy loam, moderately deep over silt, 0 to 1 percent slopes
- HfA, Hilmar loamy sand, 0 to 1 percent
- Hkba, Hilmar loamy sand, slightly saline-alkali, 0 to 1 percent slopes
- RkA, Rossi clay loam, moderately saline-alkali, 0 to 1 percent slopes
- TpA, Traver sandy loam, slightly saline-alkali, 0 to 1 percent slopes
- TrA, Traver sandy loam, moderately saline-alkali, 0 to 1 percent slopes
- TuA, Tujunga loamy sand, 0 to 3 percent slopes
- WaA, Waukena fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
- WbA, Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
- WdA, Waukena sandy loam, slightly saline-alkali, 0 to 1 percent slopes

- Notes:**
1. 1/4 mile around NG Pipeline.
 2. Source: U.S. Department of Agriculture, Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) database for Stanislaus County, California.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

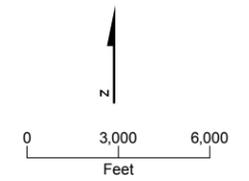


FIGURE 10
SOIL CLASSIFICATION OF
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA

Appendix A
List of Property Owners

Appendix A: Property Owners Within 500 Feet of Preferred Gas Line Alignment

PARCEL	OWNERFIRST	OWNERLAST	MAILNUMBER	MAILSTREET	MAILCITY	MAILSTATE	MAILZIP	SITENUMBER	SITESTREET	SITECITY	SITESTATE	SITEZIP	LANDUSE
022 009 001 000	Jack L	Niemeyer	Po Box 1433		Modesto	CA	95353	206	E Zeering Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
022 009 007 000	Samuel & Sherri L	Bylsma	5870	Crows Landing Rd	Modesto	CA	95358	549	E Monte Vista Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 010 001 000	Germann Brothers Dairy		1236	E Taylor Rd	Ceres	CA	95307	1236	E Taylor Rd	Ceres	CA	95307	AGR,DAIRY
022 010 002 000	West Coast Grape Farms		800	E Keyes Rd	Ceres	CA	95307		Taylor Rd	Ceres	CA	95307	AGR,VINEYARD
022 010 006 000	Wendell C & Heide A	Trinkler Jr.	7136	Crows Landing Rd	Ceres	CA	95307	843	E Zeering Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 010 007 000	Wendell C & Heide A	Trinkler Jr.	7136	Crows Landing Rd	Ceres	CA	95307		Zeering Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 010 008 000	Debra Agresti-Warda		1441	E Monte Vista Rd	Ceres	CA	95307		E Monte Vista Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 010 011 000	Robert H	Harkrader	737	E Monte Vista Rd	Ceres	CA	95307	925	E Monte Vista Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
022 010 012 000	Marlin M & Wilma J	Posten	801	E Monte Vista Rd	Ceres	CA	95307	801	E Monte Vista Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 010 013 000	Robert H	Harkrader	737	E Monte Vista Rd	Ceres	CA	95307	737	E Monte Vista Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 011 010 000	William Ronald	Berryhill	1912	E Taylor Rd	Ceres	CA	95307	1472	E Taylor Rd	Ceres	CA	95307	AGR,VINEYARD
022 012 012 000	Debra Agresti-Warda		1441	E Monte Vista Rd	Ceres	CA	95307		Roberts Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 025 011 000	Lena Carol	Holcomb	519	E Zeering Rd	Ceres	CA	95307	519	E Zeering Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 026 006 000	Manuel J	Alvernaz	501	El Katrina Ln	Ceres	CA	95307		E Fulkerth Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 026 013 000	Manuel J	Alvernaz	501	El Katrina Ln	Ceres	CA	95307	501	El Katrina Ln	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 026 014 000	Hofman Limited Ptnr		5870	Crows Landing Rd	Modesto	CA	95358	348	E Monte Vista Rd	Ceres	CA	95307	AGR,DAIRY
022 026 020 000	Kathleen A	Santos	547	El Katrina Ln	Ceres	CA	95307	547	El Katrina Ln	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 027 010 000	Manuel J	Alvernaz	501	El Katrina Ln	Ceres	CA	95307	0	El Katrina Ln	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
022 027 012 000	Soledad D	Aguilar	818	E Monte Vista Rd	Ceres	CA	95307	818	E Monte Vista Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
022 027 013 000	Hofman Limited Ptnr		5870	Crows Landing Rd	Modesto	CA	95358		Bystrum Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
022 027 014 000	Michael & Kathryn M	Sherman	8000	Bystrum Rd	Ceres	CA	95307	8000	Bystrum Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 001 000	Frank A	Martinez	700	Bliss Rd	Ceres	CA	95307	700	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 002 000	Mary Shirley		1657	Venice Dr	South Lake Tahoe	CA	96150	732	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 003 000	Ricky L & Christine M	Bridges	728	Bliss Rd	Ceres	CA	95307	728	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 004 000	Rex A	Michael	724	Bliss Rd	Ceres	CA	95307	724	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 005 000	Kenneth W	Moore	736	Bliss Rd	Ceres	CA	95307	736	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 006 000	David	Valek	740	Bliss Rd	Ceres	CA	95307	740	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 008 000	Ora Louise	Garcia	752	Bliss Rd	Ceres	CA	95307	752	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 009 000	Dennis Administrator & Claude N	Vann	1701	Don Pedro Rd	Ceres	CA	95307	758	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 010 000	Linda M	Adkins	764	Bliss Rd	Ceres	CA	95307	764	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 028 022 000	April	Premo	746	Bliss Rd	Ceres	CA	95307	746	Bliss Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
022 037 003 000	Sharon L	Gioletti	2630	Hogan Dr	Turlock	CA	95382	12000	E Fulkerth Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
022 037 004 000	R A & S L	Gioletti	2630	Hogan Dr	Turlock	CA	95382	11818	Fulkerth Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
022 037 007 000	Mary F	Mancebo	7539	Jade Ln	Hilmar	CA	95324	1030	Bystrum Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
022 037 007 000	Mary F	Mancebo	7539	Jade Ln	Hilmar	CA	95324	1030	Bystrum Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
022 037 008 000	Michael Edward	Lucas	1030	Bystrum Rd	Turlock	CA	95380	1107	Bystrum Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
022 038 002 000	Karen D	Dick	9524	Crows Landing Rd	Crows Landing	CA	95313	9524	Crows Landing Rd	Crows Landing	CA	95313	AGR,DAIRY
022 038 003 000	Alvin S	Melo	730	Bystrum Rd	Turlock	CA	95380	407	Bystrum Rd	Turlock	CA	95380	AGR,RESIDENTIAL DEVELOPED
022 038 009 000	Tony F Melo & Sons Real Estate		730	Bystrum Rd	Turlock	CA	95380	306	Bystrum Rd	Turlock	CA	95380	AGR,DAIRY
022 038 011 000	Karen D	Dick	9524	Crows Landing Rd	Crows Landing	CA	95313		Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
041 006 026 000	Turlock Irrigation District		Po Box 949		Turlock	CA	95381		Crows Landing Rd	Ceres	CA	95307	MISC,ALL IRRIGATION DISTRICTS
041 006 038 000	Winco Foods LLC		Po Box 35547		Tulsa	OK	74153	4400	Crows Landing Rd	Ceres	CA	95307	IND,WAREHOUSES
041 007 005 000	Emma F	Moore	6125	Crows Landing Rd	Ceres	CA	95307		Grayson & Tsrr	Ceres	CA	0	AGR,ALMOND ORCHARD
041 007 007 000	Dairy Marchy		943	E Grayson Rd	Ceres	CA	95307	943	E Grayson Rd	Ceres	CA	95307	AGR,DAIRY
041 008 032 000	Ceres City Of		Po Box 994		Modesto	CA	95353	4454	Morgan Rd	Ceres	CA	95307	GOV,ALL CITIES

Appendix A: Property Owners Within 500 Feet of Preferred Gas Line Alignment

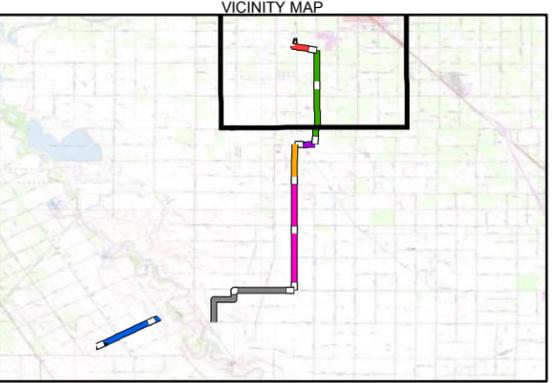
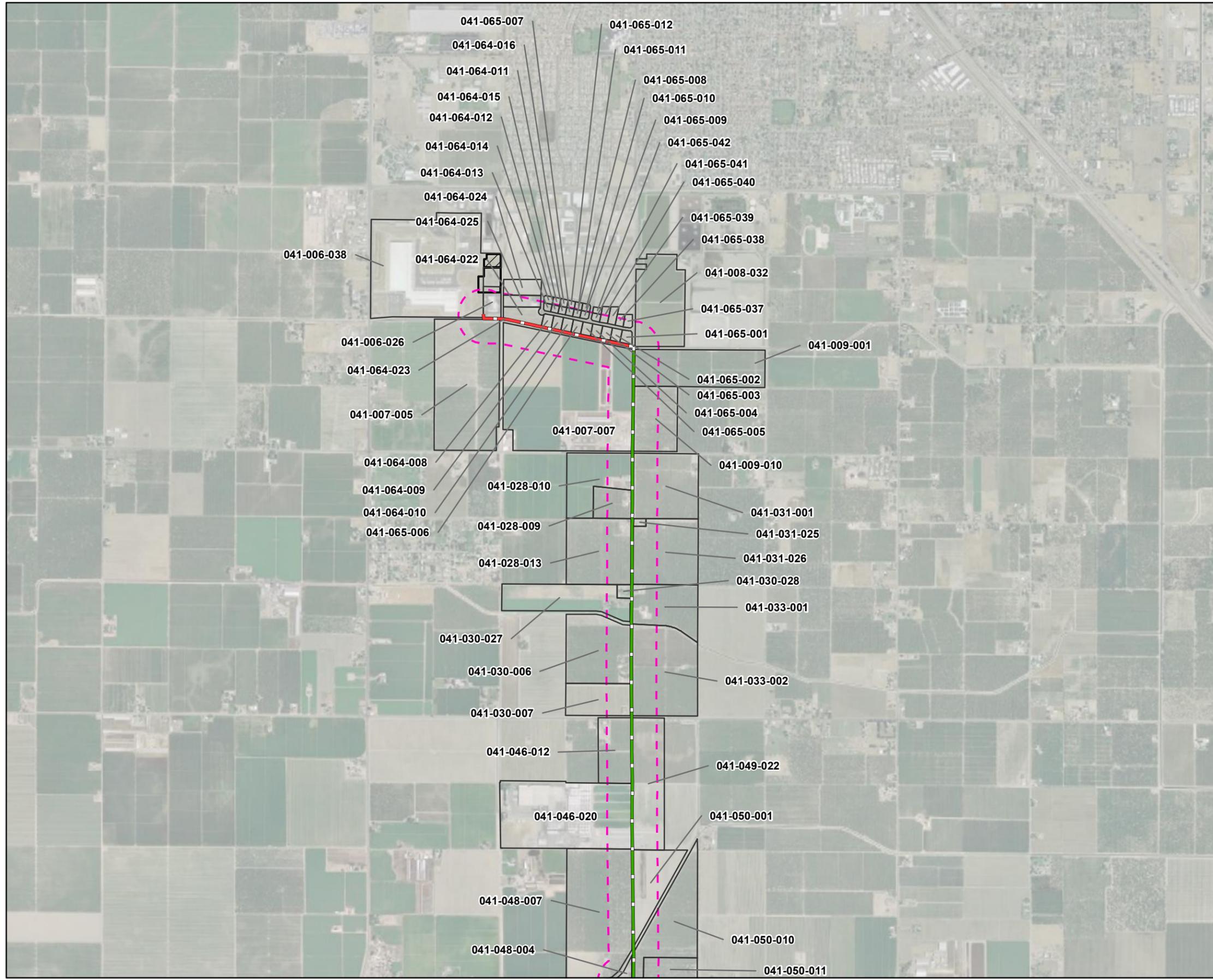
PARCEL	OWNERFIRST	OWNERLAST	MAILNUMBER	MAILSTREET	MAILCITY	MAILSTATE	MAILZIP	SITENUMBER	SITESTREET	SITECITY	SITESTATE	SITEZIP	LANDUSE
041 009 001 000	William P	& Linda	3854	W Zeering Rd	Modesto	CA	95358		Morgan Rd	Ceres	CA	95307	AGR,VINEYARD
041 009 010 000	Phillip M	Yori	1367	E Grayson Rd	Ceres	CA	95307	1367	E Grayson Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 028 009 000	Alfred J	& Sarah	5107	Morgan Rd	Ceres	CA	95307	5107	Morgan Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 028 010 000	Dairy	Marchy	5049	Morgan Rd	Ceres	CA	95307	5049	Morgan Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
041 028 013 000	Dennis A	& Sheila R	12701	Sierra View Dr	Oakdale	CA	95361	5207	Morgan Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 030 006 000	Laura Ellen	& Chipponer	5815	Morgan Rd	Ceres	CA	95307	5815	Morgan Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 030 007 000	West Coast Grape Farms			Po Box 789	Ceres	CA	95307	1237	E Keyes Rd	Ceres	CA	95307	AGR,VINEYARD
041 030 027 000	Cecelia	Machado	5437	Morgan Rd	Ceres	CA	95307	5437	Morgan Rd	Ceres	CA	95307	AGR,OPEN FARM LAND,IRRIGATED
041 030 028 000	Bridget Leeann	Machado	5429	Morgan Rd	Ceres	CA	95307	5429	Morgan Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
041 031 001 000	Marie	Kollmeyer	1466	E Grayson Rd	Ceres	CA	95307	1466	E Grayson Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 031 025 000	Carlene	Amador	5212	Morgan Rd	Ceres	CA	95307	5212	Morgan Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
041 031 026 000	Edward A	& Carlene Amador Jr.	5136	Laird Rd	Modesto	CA	95358		Morgan Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 033 001 000	Mark A	Winchester	5436	Morgan Rd	Ceres	CA	95307	5436	Morgan Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 033 002 000	Donald N	& Alta	7600	Lorin Ave	Sacramento	CA	95828	5742	Morgan Rd	Ceres	CA	95307	AGR,MIXED GROWING IMPROVEMENTS
041 046 012 000	Robert J	& Alice L	1130	E Keyes Rd	Ceres	CA	95307	1130	E Keyes Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 046 020 000	Bronco Wine Co		6732	Bystrum Rd	Ceres	CA	95307	6342	Bystrum Rd	Ceres	CA	95307	IND,FOOD PROCESSING
041 048 004 000	Gordon	& Deanna	1319	E Taylor Rd	Ceres	CA	95307	1319	E Taylor Rd	Ceres	CA	95307	AGR,RESIDENTIAL DEVELOPED
041 048 007 000	Frederick M	& Reanon	1143	E Taylor Rd	Ceres	CA	95307	1143	E Taylor Rd	Ceres	CA	95307	AGR,MIXED GROWING IMPROVEMENTS
041 049 022 000	West Coast Grape Farms			Po Box 789	Ceres	CA	95307	1406	E Keyes Rd	Ceres	CA	95307	AGR,VINEYARD
041 050 001 000	Donald E	Garner	624	Knob Creek Ln	Modesto	CA	95354		Morgan Rd	Ceres	CA	95307	AGR,RESIDENTIAL UNDEVELOPED
041 050 010 000	Jon	& Geraldine		Po Box 1533	Turlock	CA	95381		0 E Taylor Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 050 011 000	Jon	& Geraldine		Po Box 1533	Turlock	CA	95381	1519	E Taylor Rd	Ceres	CA	95307	AGR,ALMOND ORCHARD
041 064 008 000	Fred	& Leanne	5172	Kiernan Ct #d	Salida	CA	95368	992	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 064 009 000	Irish Construction		2641	River Ave	Rosemead	CA	91770	1028	Marchy Ln	Ceres	CA	95307	IND,WAREHOUSES
041 064 010 000	Gerardo Yanez	Lara	2712	Espana Ln	Modesto	CA	95355	1064	Marchy Ln	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 064 011 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	1039	Marchy Ln	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 064 012 000	Arthur R	& Mavis E	1220	Cone Flower Ct	Modesto	CA	95355	1015	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 064 013 000	Arthur R	& Mavis E	1220	Cone Flower Ct	Modesto	CA	95355	4476	Farm Supply Dr	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 064 014 000	Paul	Huckaba	4112	Fern Grove Ct	Modesto	CA	95356	4456	Farm Supply Dr	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 064 015 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	1016	Premier Dr	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 064 016 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	1040	Premier Dr	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 064 022 000	Precision Investment Group LLC		5039	Pentecost Dr	Modesto	CA	95356	4475	Farm Supply Dr	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 064 023 000	Precision Investment Group LLC		5039	Pentecost Dr	Modesto	CA	95356		0 Farm Supply Dr	Ceres	CA	95307	MISC,ALL IRRIGATION DISTRICTS
041 064 024 000	Mid Valley Development (Cal) LLC		7457	River Nine Dr	Modesto	CA	95356	4425	Farm Supply Dr	Ceres	CA	95307	COM,MISCELLANEOUS,MIXED
041 064 025 000	Hsm Pacific LLC		3228	Long Lake Dr SE	Olympia	WA	98503		0 Farm Supply Dr	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 001 000	Jorge A	Verduzco	1151	W H St	Oakdale	CA	95361	1280	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 002 000	Larry J	& Mary L	1244	Marchy Ln	Ceres	CA	95307	1244	Marchy Ln	Ceres	CA	95307	IND,WAREHOUSES
041 065 003 000	Larry J	& Mary	815	S Kilroy Rd	Turlock	CA	95380	1208	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 004 000	Brian Edward	Donahue	3221	Province Towne Ct	Modesto	CA	95355	1172	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 005 000	Paul K	& Gifty		Po Box 576992	Modesto	CA	95357	1136	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 006 000	David	& Marina L	427	Enslan Ave	Modesto	CA	95354	1100	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 007 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	1063	Marchy Ln	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 065 008 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	1087	Marchy Ln	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 065 009 000	W Scott	& Patti K	6801	Zerillo Dr	Riverbank	CA	95367	1111	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 010 000	Justin R	& Heide R	2521	Thomas Ave	Ceres	CA	95307	1112	Premier Dr	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI

Appendix A: Property Owners Within 500 Feet of Preferred Gas Line Alignment

PARCEL	OWNERFIRST	OWNERLAST	MAILNUMBER	MAILSTREET	MAILCITY	MAILSTATE	MAILZIP	SITENUMBER	SITESTREET	SITECITY	SITESTATE	SITEZIP	LANDUSE
041 065 011 000	David A	Machado	626	Meadowland Dr	Ripon	CA	95366	1088	Premier Dr	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 012 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	1064	Premier Dr	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 065 037 000	B & D United Builders Inc		501	Bitritto Way	Modesto	CA	95356	1299	Marchy Ln	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
041 065 038 000	Don	Baker	4212	Heritage Ct	Modesto	CA	95356	1269	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 039 000	Marvin D & Judith A	Teeples		Po Box 1717	Empire	CA	95319	1239	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 040 000	Abney Investments LLC		3329	Princeville Ln	Modesto	CA	95355	1209	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 041 000	Pattabiraman & Sharon	Iyer		Po Box 157	Gustine	CA	95322	1179	Marchy Ln	Ceres	CA	95307	VACANT,PD INDUSTRIAL-PI
041 065 042 000	Don	Baker	501	Bitritto Way	Modesto	CA	95356	4476	United Dr	Ceres	CA	95307	VACANT,M-1,M-2,C-M ZONING
048 025 005 000	Tony R & Mary R	Meirinho		Po Box 580010	Modesto	CA	95358		Prune Ave	Patterson	CA	95691	AGR,OPEN FARM LAND,IRRIGATED
048 025 018 000	Tony & Anita	Teixeira	906	R St	Newman	CA	95360		Prune Ave	Patterson	CA	95691	AGR,OPEN FARM LAND,IRRIGATED
048 025 019 000	Parker Skip W & Parker	Sherry L	1219	Prune Ave	Patterson	CA	95363	1219	Prune Ave	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 025 021 000	Jose Luis & Esther	Tinco	19149	Elm Ave	Patterson	CA	95363	19149	Elm Ave	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 026 001 000	Church Latter Day Saints		50	E North Temple #22nd	Salt Lake City	UT	84150		Elm Ave	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 026 002 000	Church Latter Day Saints		50	E North Temple #22nd	Salt Lake City	UT	84150		Prune Ave	Patterson	CA	95691	AGR,OPEN FARM LAND,IRRIGATED
048 026 004 000	Larry K	Buehler	3161	Prune Ave	Patterson	CA	95363	3161	Prune Ave	Patterson	CA	95363	AGR,RESIDENTIAL DEVELOPED
048 026 010 000	L & K Enterprises Inc		503	S 2nd St	Patterson	CA	95363	3131	Prune Ave	Patterson	CA	95363	AGR,RESIDENTIAL DEVELOPED
048 027 001 000	Church Latter Day Saints		50	E North Temple #22nd	Salt Lake City	UT	84150		Prune Ave	Patterson	CA	95691	AGR,OPEN FARM LAND,IRRIGATED
048 027 011 000	Kenneth A	Buehner	19112	Paradise Ave	Patterson	CA	95363	19112	Paradise Ave	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 027 013 000	Westside Property Management		503	S 2nd St	Patterson	CA	95363	0	Paradise Ave	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 027 017 000	Kenneth A	Buehner	19112	Paradise Ave	Patterson	CA	95363	19132	Paradise Ave	Patterson	CA	95363	AGR,RESIDENTIAL DEVELOPED
048 028 001 000	Church Latter Day Saints		50	E North Temple #22nd	Salt Lake City	UT	84150		Elm & Prune & Apple Aves	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 029 001 000	John & Margaret	Michelena	1600	Prune Ave	Patterson	CA	95363		Marshall Rd	Patterson	CA	95363	AGR,WALNUT ORCHARD
048 029 002 000	John & Margaret	Michelena	1600	Prune Ave	Patterson	CA	95363	1600	Prune Ave	Patterson	CA	95363	AGR,OPEN FARM LAND,IRRIGATED
048 029 003 000	Kenneth A	Buehner	19112	Paradise Ave	Patterson	CA	95363		Prune Ave	Patterson	CA	95691	AGR,RESIDENTIAL UNDEVELOPED
057 001 002 000	Benito	Velasquez	13807	S Caprenter Rd	Crows Landing	CA	95313	13807	Carpenter Rd	Crows Landing	CA	95313	AGR,DAIRY
057 001 010 000	Beverly W	Matson	1762	Leimert Blvd	Oakland	CA	94602		Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
057 001 013 000	Armelim & Maria	De Sousa	3030	S Central Ave	Turlock	CA	95380		Carpenter Rd	Modesto	CA	95356	AGR,OPEN FARM LAND,IRRIGATED
057 002 001 000	Alfredo C & Zelia D	Nunes	5119	S Morgan Rd	Turlock	CA	95380	5119	S Morgan Rd	Turlock	CA	95380	AGR,DAIRY
057 002 003 000	Scott A & Sharalee	Sanders		Po Box 459	Hilmar	CA	95324	13006	W Bradbury Rd	Turlock	CA	95380	AGR,RESIDENTIAL DEVELOPED
057 002 004 000	Scott A & Sharalee	Sanders		Po Box 459	Hilmar	CA	95324	13018	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
057 002 005 000	Mary Medeiros	Brazil	7707	Kemper Rd	Modesto	CA	95357	13400	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
057 002 016 000	Lyman Alan	Sanders	12712	W Bradbury Rd	Turlock	CA	95380	12712	W Bradbury Rd	Turlock	CA	95380	AGR,DAIRY
057 002 017 000	Alfred C & Zelia D	Nunes	5119	S Morgan Rd	Turlock	CA	95380	11806	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
057 002 018 000	Alfred C & Zelia D	Nunes	5119	S Morgan Rd	Turlock	CA	95380	11806	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
057 003 002 000	John L	Thomas	10408	W Bradbury Rd	Turlock	CA	95380	10408	W Bradbury Rd	Turlock	CA	95380	AGR,DAIRY
057 003 003 000	Francisco & Cecilia	Nunes	7510	Prairie Flower Rd	Hilmar	CA	95324	9730	W Bradbury Rd	Turlock	CA	95380	AGR,DAIRY
057 003 013 000	Jose & Mary J	Terra-Boa	9399	Hinton Ave	Delhi	CA	95315	4942	S Morgan Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
057 010 001 000	Gary A & Sherry M	Larson	4906	S Central Ave	Turlock	CA	95380	4906	S Central Ave	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 006 002 000	Arthur F & Tina M	Silva	12636	W Main Ave	Crows Landing	CA	95313	12636	W Main Ave	Crows Landing	CA	95313	AGR,DAIRY
058 006 002 000	Arthur F & Tina M	Silva	12636	W Main Ave	Crows Landing	CA	95313	12636	W Main Ave	Crows Landing	CA	95313	AGR,DAIRY
058 006 011 000	Ann	Silva	10354	Crows Landing Rd	Crows Landing	CA	95313	10354	Crows Landing Rd	Crows Landing	CA	95313	AGR,DAIRY
058 006 011 000	Ann	Silva	10354	Crows Landing Rd	Crows Landing	CA	95313	10354	Crows Landing Rd	Crows Landing	CA	95313	AGR,DAIRY
058 006 012 000	Manuel S & Lynette L	Souza Jr.	1200	E Marshall St	Turlock	CA	95380		Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 007 001 000	George	Alvernaz	11313	Fulkerth Rd	Turlock	CA	95380	10560	Crows Landing Rd	Crows Landing	CA	95313	AGR,DAIRY
058 007 002 000	Ann	Silva	10354	Crows Landing Rd	Crows Landing	CA	95313		Morgan Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED

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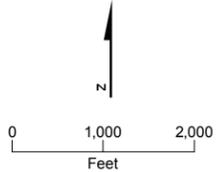
PARCEL	OWNERFIRST	OWNERLAST	MAILNUMBER	MAILSTREET	MAILCITY	MAILSTATE	MAILZIP	SITENUMBER	SITESTREET	SITECITY	SITESTATE	SITEZIP	LANDUSE
058 007 006 000	Brouhard Farms		624	Ruble Rd	Crows Landing	CA	95313	1225	S Morgan Rd	Turlock	CA	95380	AGR,ALMOND ORCHARD
058 007 007 000	George	Alvernaz	11313	Fulkerth Rd	Turlock	CA	95380	10866	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 007 007 000	George	Alvernaz	11313	Fulkerth Rd	Turlock	CA	95380	10866	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 007 008 000	Alvernaz Dairy Inc		11313	Fulkerth Rd	Turlock	CA	95380	10806	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 020 003 000	Manuel J	Alvernaz	501	El Katrina Ln	Ceres	CA	95307		Harding & Morgan Rd	Turlock	CA	0	AGR,OPEN FARM LAND,IRRIGATED
058 020 004 000	Gregory W	Furtado	3924	S Central Ave	Turlock	CA	95380		Harding Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 020 005 000	Edward & Marilyn	Hirdes	3024	S Blaker Rd	Turlock	CA	95380	11918	W Linwood Ave	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 021 001 000	Gregory & Velma	Furtado	3924	S Central Ave	Turlock	CA	95380	12000	Linwood Ave	Turlock	CA	95382	AGR,OPEN FARM LAND,IRRIGATED
058 021 002 000	Donald A & Mary E	Martin	2020	W Monte Vista Ave	Modesto	CA	95358	12107	W Simmons Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 021 004 000	Manuel J	Alvernaz	501	El Katrina Ln	Ceres	CA	95307	12025	W Harding Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 021 005 000	Kathleen A	Santos	547	El Katrina Ln	Ceres	CA	95307		Harding Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 022 007 000	Merlin & Miriam E	Jones	10403	Fiske Hill Rd	Coulterville	CA	95311	801	Harding Rd	Crows Landing	CA	95313	AGR,DAIRY
058 022 025 000	Kathleen A	Santos	547	El Katrina Ln	Ceres	CA	95307	11846	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 022 048 000	J & L Partners II L.p.		11949	Crows Landing Rd	Crows Landing	CA	95313	0	Harding Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 022 049 000	J & L Partners I L.p.		11949	Crows Landing Rd	Crows Landing	CA	95313	11949	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 002 000	Beverly W	Matson	1762	Leimert Blvd	Oakland	CA	94602		Carpenter Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 003 000	Alfred L	Navarro	12910	Carpenter Rd	Crows Landing	CA	95313	12910	Carpenter Rd	Crows Landing	CA	95313	AGR,RESIDENTIAL DEVELOPED
058 023 005 000	J & L Partners I		11949	Crows Landing Rd	Crows Landing	CA	95313		Harding Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 007 000	Jack & Jill Holdings LLC			Po Box 356	Newman	CA	95360		W Bradbury Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 009 000	Wendel K & Heide A	Trinkler Jr.	7136	Crows Landing Rd	Ceres	CA	95307	12006	Crows Landing Rd	Crows Landing	CA	95313	AGR,RESIDENTIAL DEVELOPED
058 023 010 000	Wendel K & Heide A	Trinkler Jr.	7136	Crows Landing Rd	Ceres	CA	95307	12000	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 014 000	Armelim & Maria	De Sousa	12836	Crows Landing Rd	Crows Landing	CA	95313	12836	Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 015 000	Armelim & Maria	De Sousa	3030	S Central Ave	Turlock	CA	95380	12801	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 023 022 000	Richard	Bettencourt	12501	Crows Landing Rd	Crows Landing	CA	95313		Crows Landing Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 023 000	Emily	Bettencourt	903	Gable Dr	Fremont	CA	94539		Harding Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 024 000	Emily	Bettencourt	903	Gable Dr	Fremont	CA	94539		Harding Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 025 000	Anthony N & Bernadette M	Mello		Po Box 1154	Patterson	CA	95363	806	Harding Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 023 026 000	Anthony N & Bernadette M	Mello		Po Box 1154	Patterson	CA	95363		Bradbury Rd	Crows Landing	CA	95313	AGR,OPEN FARM LAND,IRRIGATED
058 024 001 000	Wendel K & Heide	Trinkler Jr.	7136	Crows Landing Rd	Ceres	CA	95307		Harding Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 024 002 000	Wendel K & Heide	Trinkler Jr.	7136	Crows Landing Rd	Ceres	CA	95307	12337	Clausen Rd	Crows Landing	CA	95313	AGR,DAIRY
058 024 004 000	Sarafin S	Morais Jr.	12225	W Bradbury Rd	Turlock	CA	95380	12225	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 024 005 000	Kenneth E & Laura L	Collins	4301	Silva Rd	Turlock	CA	95380	12301	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 024 006 000	Armelim & Maria	De Sousa	3030	S Central Ave	Turlock	CA	95380	12731	W Bradbury Rd	Turlock	CA	95380	AGR,DAIRY
058 025 001 000	Jenny Lynn	Forzano	3201	S Morgan Rd	Turlock	CA	95380	3201	S Morgan Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 025 004 000	Scott & Sharalee	Sanders		Po Box 459	Hilmar	CA	95324	4525	S Morgan Rd	Turlock	CA	95380	AGR,DAIRY
058 025 005 000	John & Rhonda	Thomas	3800	S Blaker Rd	Turlock	CA	95380		W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 025 006 000	Sarafin S	Morais Jr.	12225	W Bradbury Rd	Turlock	CA	95380	12119	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 026 003 000	Circle H Properties		3812	S Morgan Rd	Turlock	CA	95380	10407	W Bradbury Rd	Turlock	CA	95380	AGR,DAIRY
058 027 014 000	Joe L	Machado	4525	S Central Ave	Turlock	CA	95380	4525	S Central Ave	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 027 015 000	John & Rhonda	Thomas	3800	S Blaker Rd	Turlock	CA	95380		W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 027 016 000	John L	Thomas	10408	W Bradbury Rd	Turlock	CA	95380		W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED
058 028 007 000	Kenneth B	Collins	9506	W Bradbury Rd	Turlock	CA	95380	9506	W Bradbury Rd	Turlock	CA	95380	AGR,OPEN FARM LAND,IRRIGATED

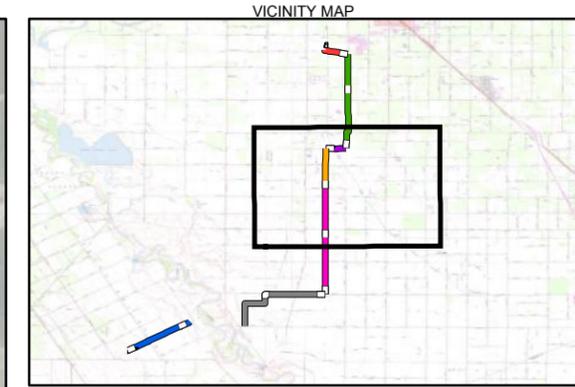
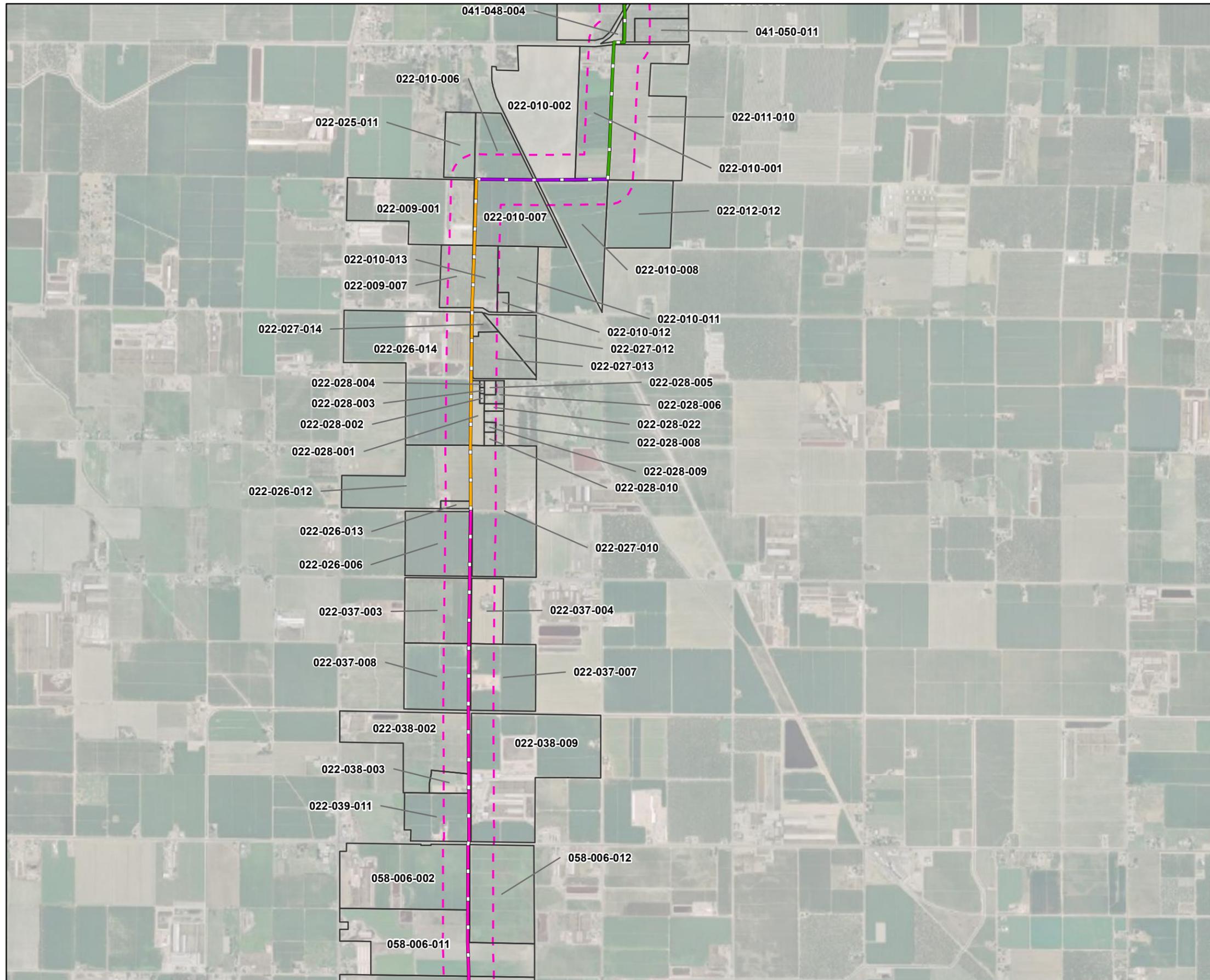


- LEGEND**
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- Parcels within 500ft
 - Laydown Area
 - Project Site
 - 500 Foot Buffer

SOURCE: County of Stanislaus GIS Department, Parcel Layer, 2006.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

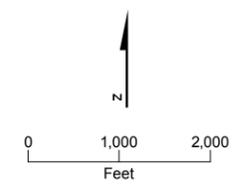


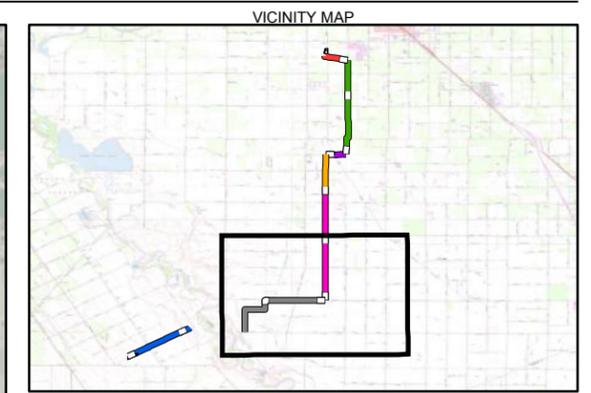
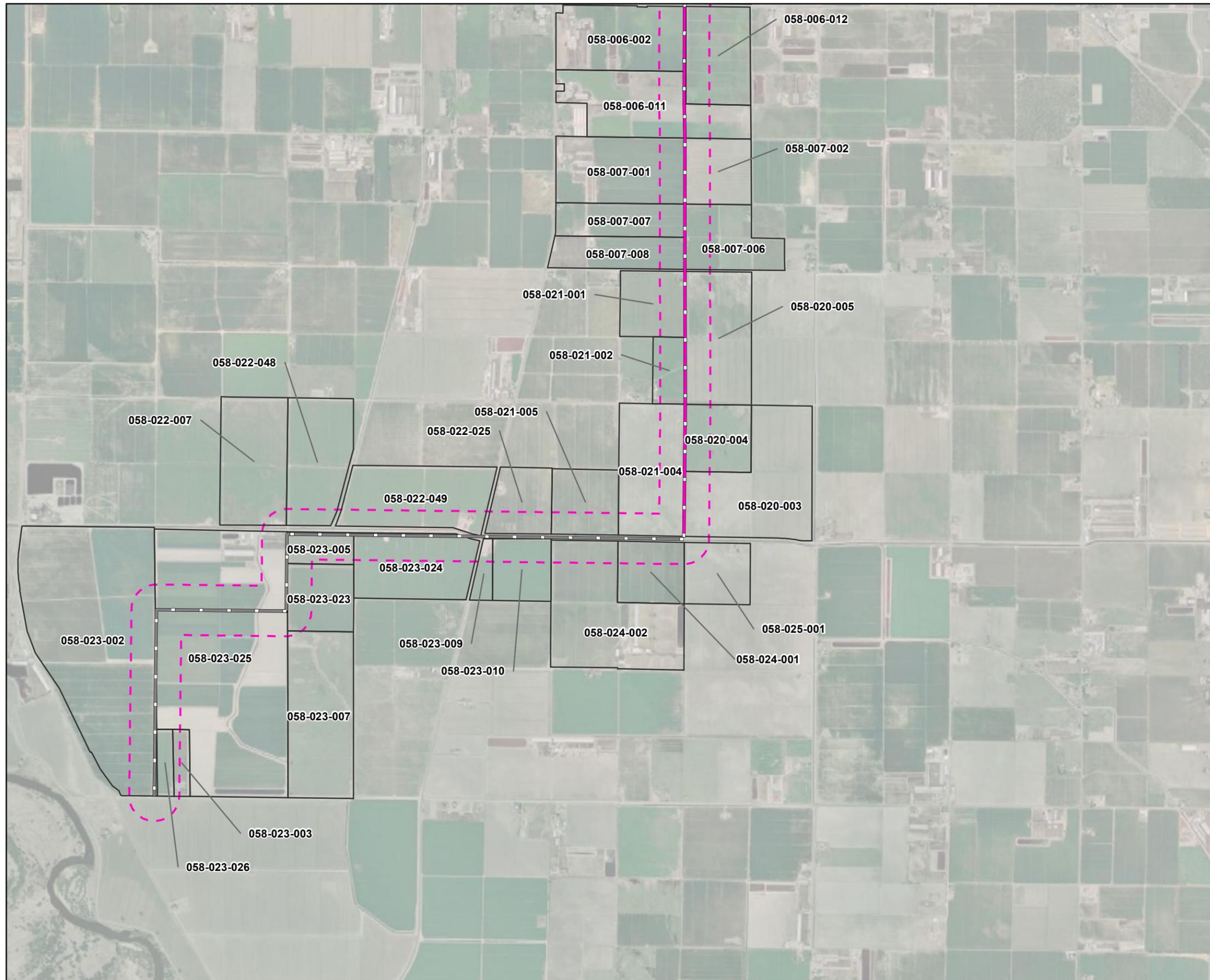


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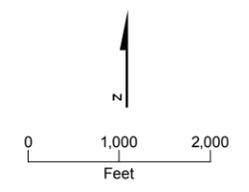


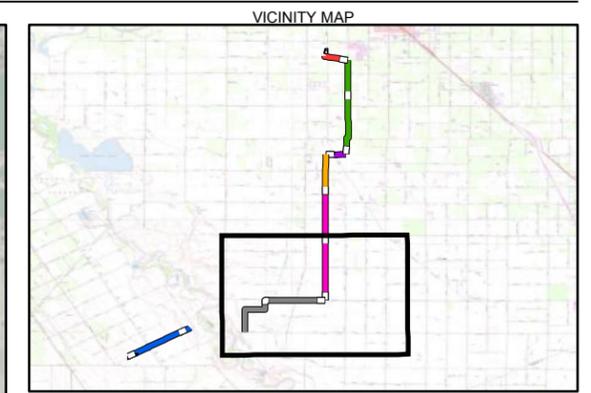
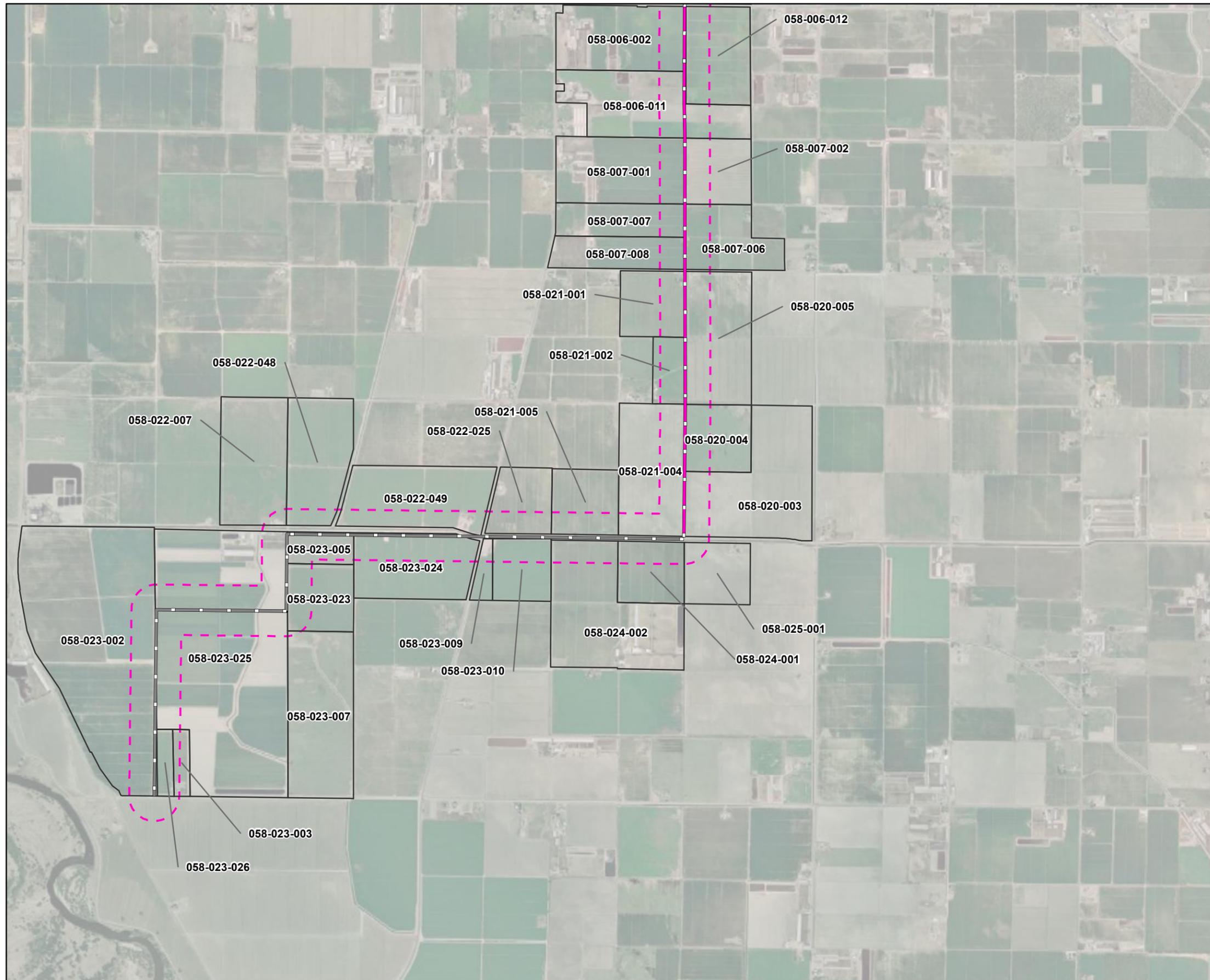


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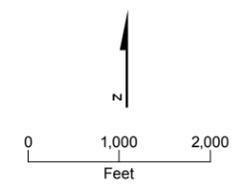




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SOURCE: County of Stanislaus GIS Department, Parcel Layer, 2006.

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Appendix B
Potential Air Quality Impacts of
the Preferred Alignment

Potential Air Quality Impacts of the Preferred Alignment

The Preferred Alignment is approximately 13.4 miles (approximately 11.6 miles of pipeline from the A2PP to PG&E's Line #215 and approximately 1.8 miles of reinforcement). This is not expected to result in any increases in daily construction equipment or deliveries for the Preferred Alignment compared to those described in the AFC, so peak daily emissions would not change. However, natural gas pipeline construction activities are likely to require more than the 5 months assumed in the AFC for the other two alternatives. To e

stimate the increase in emissions from the route change, we have estimated that the Preferred Alignment would require a maximum of two additional months of construction activity; therefore, total emissions from the construction of the natural gas pipeline would increase by 2 months. These small increases would occur over a large area and so are not expected to have a significant impact.

The increases are summarized in Table B-1.

TABLE B-1
Estimated Increase in Construction Emissions from the Preferred Alignment

Pollutant	Emissions, tons ^a	
	AFC Pipeline Routes (5-month construction period)	Preferred Alignment (7-month construction period)
NOx	1.4	2.0
SO ₂	<0.01	<0.01
CO	1.0	1.3
VOC	0.2	0.2
PM ₁₀	0.3	0.4
PM _{2.5}	0.1	0.1
CO _{2eq} ^b	9	13

^a Total emissions over the construction period.

^b CO_{2eq} emissions shown in units of MT.

Documentation for construction emissions for the linear facilities is provided in Appendix 5.1E of the AFC.

Appendix C

Resumes

Bridget Canty

Associate Project Manager/Ecologist

Education

Graduate Studies, Environmental Science & Resources, 2003-2005, Portland State University, Portland, Oregon

B.S., Biology, 1991, Lewis & Clark College, Portland, Oregon

Distinguishing Qualifications

- Manager for pre-construction and post-construction biological monitoring and mitigation plans for a 62-mile long natural gas pipeline project in western Oregon.
- Task manager for a 63,000-acre proposed wind farm critical issues analysis and permit study in Morrow County, Oregon.
- Special Status Species surveys: desert tortoise, western pond turtle, red-legged frog, northern spotted owl, marbled murrelet, Swainson's hawk, bald eagle, Washington ground squirrel, salmonids
- Botanical surveys
- Wetland determination and delineation
- Avian telemetry and banding
- Energy facility siting
- Construction monitoring

Relevant Experience

Ms. Canty is an associated Project Manager and Senior Ecologist with expertise in the areas of natural resource assessment, ESA consultation, permitting, NEPA/SEPA documentation, renewable energy facility siting, project/task management, special status species investigations, and analyzing/mitigating project impacts. She has prepared numerous environmental reports and constraints analyses for clients in Oregon, Washington, California, Idaho, and Wyoming.

Representative Projects and Dates of Involvement

Project Biologist; Critical Issues Analysis; PV Solar Sites in Kern, Riverside, San Bernardino, and Los Angeles counties; Edison Mission Energy; October 2008-Present. On-going project to review proposed solar sites for sensitive biological resources includes permitting recommendations.

Project Biologist; Biological Assessment Review; Antioch Bridge Repair; Caltrans; Contra Costa County, California; December 2008-January 2009. Reviewed and revised client USFWS and NMFS biological assessments.

Project Biologist; Biological Resource Reports; OR LNG Terminal and Pipeline; Astoria, Oregon; August 2008-Present. On-going research and document preparation regarding sensitive biological resources, impact analysis, mitigation plan preparation.

Project Manager; Fatal Flaw Analysis; Bridger Butte Wind Project; PacifiCorp; Uinta County, Wyoming; June-August 2008. Prepared the fatal flaw analysis report,

which covered biological, cultural and visual resources for a proposed wind development. The report identified potential project constraints as well as recommendations and next steps for the client.

Project Manager, Pine Draw Wind Project, Carbon County, Wyoming, June-August 2008. Prepared the fatal flaw analysis report, which covered biological, cultural and visual resources for a proposed wind development. The report identified potential project constraints as well as recommendations and next steps for the client.

Project Biologist; Joint Aquatic Resources Permit Application and Joint Permit Application; McNary to Walla Transmission Line; Pacific Power; Oregon and Washington, June 2008-Present. Prepared permit applications in support of bi-state transmission line.

Project Biologist; Biological Impact Assessment; Star Point Wind Project; Iberdrola Renewables; Sherman County, Oregon; April 2008-Present. Prepared the Biological Impact Assessment summarizing potential project impacts to biological resources as well as proposed mitigation measures. Document was prepared in support of client's Conditional Use Permit.

Project Biologist; Application for Site Certificate Exhibits P (habitat) and Q (special status species); Helix Wind Project, Iberdrola Renewables; Umatilla County, Oregon; April 2008-Present. Prepared Exhibit P summarizing potential project impacts to habitat as well how proposed project would meet the Oregon Department of Energy's (DOE) Energy Facility Siting requirements including avoidance/mitigation of high-quality habitats (per Oregon Department of Fish and Wildlife [ODFW] Habitat Mitigation Policy). Prepared Exhibit Q summarizing the effects of the project on state and federal special status species and proposed avoidance/mitigation measures. The DOE indicated that Exhibit P was the most thorough the Department had ever received.

Experience Prior to CH2M HILL

Siting and Licensing

Project Biologist; Biological Assessment, Bradwood Landing Liquefied Natural Gas Terminal and Natural Gas Pipeline, NorthernStar Natural Gas, Clatsop and Columbia Counties, Oregon/Cowlitz County, Washington. Conducted biological surveys. Co-authored biological assessment for a proposed LNG terminal and the associated natural gas pipeline. Engaged in informal Section 7 consultation with USFWS.

Biology Task Lead; FERC Resource Report #3, Bradwood Landing Liquefied Natural Gas Terminal, NorthernStar Natural Gas, Clatsop County, Oregon. Planned and conducted natural resource investigations to support licensing application of a proposed LNG terminal on the Columbia River.

Biology Task Lead; FERC Resource Report #3, Bradwood Landing Natural Gas Pipeline, NorthernStar Natural Gas, Clatsop and Columbia Counties, Oregon/Cowlitz County, Washington. Planned and conducted natural resource investigation to support licensing application of a proposed 36-mile natural gas pipeline located between the proposed LNG terminal in Bradwood, Oregon and Longview, Washington.

Project Biologist; Environmental Impact Statement, Cotterell Mountain Wind Project, Windland, Burley, Idaho. Planned and trained biologists to conduct avian

point count surveys for proposed wind power facility in rural southwestern Idaho. Senior reviewer for baseline reports.

Biology Task Lead; Technical Baseline Investigation, Pendleton Wind Project, SeaWest Wind Power, Reith, Oregon. Planned and conducted biological investigation including: rare plant surveys, habitat mapping, and special status wildlife surveys. Trained field crew of up to 14 biologists. Prepared technical baseline report. Coordinated with state and federal resource agencies.

Biology Task Lead; Site Certificate Application Exhibits P and Q, South Mist Pipeline Extension Phase 4/5, Northwest Natural Gas, Washington, Marion, and Clackamas counties, Oregon. Managed and co-authored Exhibits P (Habitat) and Q (Listed Species) of the Site Certificate Application for 62-mile natural gas pipeline between Bacona in Washington County and Molalla in Clackamas County. Included planning and conducting biological resource surveys.

Task Manager; Detailed Mitigation Plan for the South Mist Pipeline Extension, Phase 4/5, Western Oregon; Northwest Natural Gas; 2005. Prepared a site-specific wetland and habitat mitigation and monitoring plan to meet requirements of USACE and Division of State Lands removal/fill permit as well as ODFW Habitat Mitigation Policy.

Task Manager; Application for Site Certificate Exhibit P (Habitat) and Exhibit Q (Special Status Species) for the South Mist Pipeline Extension, Phase 4/5; Northwest Natural Gas; Multnomah, Clackamas, Marion and Polk counties, Oregon; 2001. Prepared Exhibit P summarizing potential project impacts to habitat as well how proposed project would meet the Oregon Department of Energy's (DOE) Energy Facility Siting requirements including avoidance/mitigation of high-quality habitats (per Oregon Department of Fish and Wildlife [ODFW] Habitat Mitigation Policy). Prepared Exhibit Q summarizing the effects of the project on state and federal special status species and proposed avoidance/mitigation measures.

Biology Task Lead; Site Certificate Application Exhibits P (Habitat) and Q (Special Status Species) for the Umatilla Generating Project; Umatilla Generating Company; Umatilla, Oregon; 2001. Prepared Exhibit P summarizing potential project impacts to habitat as well how proposed project would meet the Oregon Department of Energy's (DOE) Energy Facility Siting requirements including avoidance/mitigation of high-quality habitats (per Oregon Department of Fish and Wildlife [ODFW] Habitat Mitigation Policy). Prepared Exhibit Q summarizing the effects of the project on state and federal special status species and proposed avoidance/mitigation measures.

Biology Task Lead; Technical Baseline Investigation, Condon Wind Project, SeaWest Wind Power, Condon, Oregon; 2000-2001. Conducted biological investigation including: avian use surveys, rare plant surveys, habitat mapping, and special status wildlife surveys. Prepared technical baseline report. Assisted with preparation of biological section of third party SEPA EIS.

Biology Task Lead; Technical Baseline Investigation, Stateline Wind Project, FPL, Pendleton, Oregon / Touchet, Washington; 2001. Led biological investigation including: rare plant surveys, habitat mapping, and special status wildlife surveys. Assisted with preparation of biological section of third party SEPA EIS.

Federal

Project Manager; Biological Assessment for the City of Bonners Ferry Sewer Lagoon River Bank Repairs; Bonners Ferry, Idaho; 2007-2008. Prepared Biological Assessment focusing on potential project impacts to the endangered Kootenai white sturgeon. Formal consultation with NMFS.

Project Manager; Biological Assessment for a Proposal to Repair a Boat Ramp; FEMA; Del Norte County, California; 2006. Prepared Biological Assessment focusing on potential project impacts to salmonids and bald eagle. Informal consultation with NMFS and USFWS.

Project Manager; Biological Assessment for a Proposal to Repair a Seawall; FEMA; Del Norte County, Crescent City, California; 2006. Prepared Biological Assessment focusing on potential project impacts to salmonids, marine mammals; and bald eagle. Informal consultation with NMFS and USFWS.

Project Manager; Biological Assessment for a Proposal to Repair a Bridge; FEMA; Siskiyou County, California; 2006. Prepared Biological Assessment focusing on potential project impacts to salmonids, bald eagle, and northern spotted owl. Informal consultation with NMFS and USFWS.

Project Manager; Biological Assessment for a Proposal to Repair a Culvert and Roadway; FEMA; Del Norte County, California; 2006. Prepared Biological Assessment focusing on potential project impacts to salmonids, bald eagle, and northern spotted owl. Informal consultation with NMFS and USFWS.

Project Manager; Biological Assessment for a Proposal to Recontour the Streambank of Ames Creek; FEMA; Linn County, Oregon; 2006. Prepared Biological Assessment focusing on potential project impacts to salmonids. Formal consultation with NMFS.

Project Manager; Environmental Assessment for the Bull Run Watershed Conduit Trestles Retrofit Project; FEMA; Multnomah County, Oregon; 2005. Prepared Biological Assessment focusing on potential project impacts to salmonids. Informal consultation with NMFS.

Environmental Assessment: Limit 10, Routine Road Maintenance, of the Take Prohibition of the 14 Threatened Salmon and Steelhead Evolutionarily Significant Units (ESUs), Portland, Oregon, National Marine Fisheries Service, 2002.

Environmental Assessment: Limit 4, Recreational Fisheries Harvest, of the Take Prohibition of the 14 Threatened Salmon and Steelhead Evolutionarily Significant Units (ESUs), Portland, Oregon, National Marine Fisheries Service, 2001.

Environmental Assessment: Limit 5, Artificial Propagation / Hatcheries, of the Take Prohibition of the 14 Threatened Salmon and Steelhead Evolutionarily Significant Units (ESUs), Portland, Oregon, National Marine Fisheries Service, 2001.

Environmental Assessment for a Proposal to Install MALSR Lighting at the North Bend Airport, Coos County, North Bend, Oregon, Federal Aviation Administration, 2001.

Transportation and Transit

Task Manager; Biological Assessment for a Proposal to Replace the Spencer Creek Bridge in Lincoln County, Newport, Oregon; Oregon Department of Transportation; 2005. Prepared a biological assessment focused on potential project impacts to listed salmonids, bald eagles, northern spotted owls, and marbled murrelets. Formal consultation with USFWS.

Task Manager; Environmental Baseline Report for the Proposed Sweet Home Roadway Improvements; ODOT; Tangent, Oregon; 2004.

Task Manager; Environmental Baseline Report for the Proposed Lebanon Roadway Improvements; ODOT; Lebanon; Oregon; 2004.

Project Biologist; Environmental Assessment, Chapters 3 and 4 (Ecology) for the Spokane Light Rail Transit Project; Spokane County, Washington; 2003.

Task Manager; Biological Evaluation for the Proposed Bear Creek Crossing Improvements on the Mt. Hood Highway; ODOT; ZigZag, Oregon; 2003.

Project Biologist; Ecosystem Impacts Results Report for the South Corridor Study, Draft EIS; Metro Regional Government; Portland, Oregon; 2002.

Task Manager; Large Mammal Wildlife Crossing Study for the Bear Creek Realignment Project; ODOT; Clackamas County, Oregon; 2002.

Project Biologist; Biological Assessment for the Wilsonville to Beaverton Commuter Rail; Federal Transit Administration; Washington County, Beaverton/Wilsonville, Oregon; 2002.

Ports

Project Manager; Resident Breeding Bald Eagle Use of Port of Vancouver Gateway Property; Port of Vancouver; Vancouver, Washington; 2006. Planned and conducted investigation of bald eagle nesting behavior and home range in support of NEPA/SEPA EIS for proposed Port expansion.

Project Manager; Relative Use of Port of Vancouver Gateway Property by Migrating and Wintering Canada Geese and Sandhill Cranes; Port of Vancouver; Vancouver; Washington; 2005. Planned and conducted investigation of Canada goose and sandhill crane migrating and feeding behavior in support of NEPA/SEPA EIS for proposed Port expansion.

Professional Organizations/Affiliations

The Wildlife Society

American Wind Energy Association (AWEA)

Professional Development

Project Delivery, 2008, CH2M HILL, Vancouver, British Columbia

Quality Management, 2008, URS Corporation, Portland, Oregon

Project Management, 2006-2008, URS Corporation, Portland, Oregon

Biological Assessment Training and Certification, 2006, WSDOT, Olympia, Washington

First Aid/CPR, 2006, American Red Cross, Portland, Oregon

Advanced Biological Assessment, 2005, WSDOT, Tacoma, Washington

Technical Writing for Business, 2001, Portland State University, Portland, Oregon

Identification of S. Oregon/N. California Amphibians, 1998, Society for Northwest Vertebrate Biology, Ashland, Oregon

Marbled Murrelet Surveyor Refresher, 1998, WDFW, Ocean Shores, Washington

Defensive Driving, 1998, City of Portland, Portland, Oregon

Confined Space Entry, 1997, Tualatin Valley Fire and Rescue, Tualatin, Oregon

Wetland Delineation, 1997, Wetland Training Institute, Kent, Washington

Marbled Murrelet Surveyor Training, 1993, Newport, Oregon

Supplemental Information

Years Experience Prior to CH2M HILL: 12

CH2M HILL Hire Date: April 2008

Customer Contacts

Mike Hayward, Environmental Permitting Manager, NW Natural Gas, Portland, Oregon.

Employment History

URS Corporation, Portland, Oregon, Senior Ecologist & Project Manager, 2000-2008. Responsible for management of a variety of natural resource tasks related to development of energy, transportation infrastructure, and post-disaster restoration and repair projects. Specific duties include: ESA Section 7 consultation; NEPA/SEPA document preparation; energy facility permitting; feasibility studies; federal, state and local environmental regulatory agency coordination; design and implementation of ecological investigations; special status species surveys; habitat assessment; development of habitat mitigation plans; management of small to large field crews; preparation of project proposals and scopes of work; managing project timelines and budgets; technical reviews; and conducting targeted marking (e.g. at environmental conferences).

PBS Environmental (formerly EnviroScience), Vancouver, Washington, Staff Biologist, 1998-1999. Conducted ecological investigations including habitat assessments; special status species surveys; wetland delineations and determinations; coordinated with federal and state regulatory agencies; prepared environmental reports including habitat management plans; impact analyses and mitigation plans.

Beak Environmental Consultants, Kirkland, Washington, Seasonal Biologist, 1998. Planned and conducted habitat surveys to identify potentially suitable nesting habitat for the federally listed marbled murrelet; conducted pre-dawn presence/absence murrelet surveys.

City of Portland, Bureau of Environmental Services, Portland, Oregon, Environmental Services Technician, 1997-1998. Collected and analyzed

stormwater, groundwater, and wastewater water quality around the Portland metropolitan area.

Greenfalk Environmental Consultants, Boise, Idaho, Seasonal Biologist, 1993.

Participated in research of military training effects on raptors in the Snake River Birds of Prey Natural Area. Target species included: golden eagles, prairie falcons, and ravens. Assisted with mist-netting and banding falcons; conducted radio telemetry on eagles and falcons; participated in captive-breeding program for ravens.

Oregon Cooperative Wildlife Research Unit, Corvallis, Oregon, Seasonal Biological Technician, 1992. Planned and conducted pre-dawn surveys for the federally listed marbled murrelet. Coordinated with U.S. Forest Service biologists.

Oregon Cooperative Wildlife Research Unit, Corvallis, Oregon, Seasonal Biological Technician, 1990. Collected ecological data for study of federally listed northern spotted owl nest habitat attributes.

Last Employee Update: 10/2008

End of Resume

Michael Clary

Ecologist

Education

B.S., 1993, Biology and Zoology, California State University, Humboldt.
Certificate in Land Use and Environmental Planning, 2007, U.C. Davis

Distinguishing Qualifications

- Recognized by the CH2M HILL Board of Directors for serving with distinction during the Hurricane Katrina disaster recovery efforts.
- GIS experience in ecological monitoring and monitoring studies
- Specializes in characterization, monitoring, and mapping biological resources

Relevant Experience

Michael Clary provides botanical, wildlife, and natural resource regulatory expertise for the CH2M HILL Sacramento natural resources planning and management group. Mr. Clary has 15 years of professional experience conducting ecological studies throughout California. As an environmental scientist he has extensive professional experience presenting information on diverse ecological communities.

Prior to assuming consulting responsibilities with CH2M HILL, Mr. Clary conducted environmental research for the National Science Foundation Central Arizona Long-Term Ecological Research (LTER) program, the U.S. Geological Survey Biological Resources Division Channel Islands Field Office, the National Park Service Golden Gate NRA Fire Management Office, and the U.S. Fish and Wildlife Service Salton Sea and San Luis wildlife refuges. Recent projects have focused on biological assessments and Endangered Species Act (ESA) section 7 permitting and compliance, special status species inventories, wetland delineations, Habitat Conservation Plan (HCP)/National Community Conservation Plan (NCCP) planning, National Environmental Policy Act (NEPA)/California Environmental Quality Act (CEQA) regulatory compliance field studies, and ecological risk assessments. Mr. Clary has specific project experience implementing GIS in air and water quality monitoring, wildfire and prescribed fire effects monitoring and rare plant ecological monitoring studies. Mr. Clary currently collaborates on projects for Travis Air Force Base and California High Speed Rail Authority.

Project Experience

Community Studies, Habitat Evaluation, Focused Surveys, Mitigation Monitoring, GWF Power, Tracy, CA

Conducted site assessment and field surveys in support of the GWF Tracy Peaker Project Biological Resources Mitigation Implementation and Monitoring Plan to ensure compliance with federal and state regulatory requirements. Conducted pre-construction site assessment and focused field surveys for Burrowing owl (*Athene cunicularia*) and San Joaquin Kit Fox (*Vulpes macrotis mutica*) in agricultural and annual grassland communities in the San Joaquin Valley. Performed biological monitoring at the project site throughout plant construction.

Natural Resource Program Management, Community Studies, Biological Assessments, Travis Air Force Base, CA

Participated in EIAP project review meetings, EOHCAMP and EMS program reviews. Coordinated ESA, CWA, and Sikes Act compliance. Structured and reviewed updates to INRMP and ICRMP plan documents.

Coordinated and conducted site assessments and field surveys in support of biological assessments for the Runway 03R Repair, Assault Landing Zone, South Gate, Taxiway M Bypass Road, Aero Club firebreak and DGMC Helipad projects. Participated in USFWS and USACE consultation meetings and assisted with project permitting.

Community Studies, California High Speed Rail Authority, Merced and Fresno Counties, CA

Conducted preliminary natural resource assessment and analysis of alternative alignment segments in the San Joaquin Valley. Assisted in the development of a target species list, developed analysis methodology, determined habitat requirements, obtained and quantified plant community and wetland resource spatial data, and evaluated potential impacts to wetland and federal and state listed species habitats.

Community Studies, Habitat Evaluation, Focused Surveys, Caltrans District 04, Napa and Solano Counties, CA

Responsible for task management, client coordination, field sub-contractor oversight, and document deliverables for the Solano 12, Jameson Canyon, and SR 12/SR 29 Interchange Improvement Projects in Napa and Solano Counties.

Deliverables included a Special-status fish habitat assessment, California fairy shrimp survey and report, California red-legged frog site assessment, rare plant survey and report, tree survey and technical memo, GIS mapping of field survey results, a Biological Assessment, and a Natural Environment Study. Work has included coordinating access to over 125 parcels, conducting technical surveys, subcontractor oversight, report composition, attending project development team meetings, and providing permitting process guidance. For this project he has coordinated the work of multiple subconsultants and CH2M HILL staff.

Community Studies and Focused Surveys, U.S. Army Corps of Engineering, Ford Ord, Seaside, CA

Conducted vegetation surveys in support of the Installation-Wide Multi-Species Habitat Management Plan for Former Fort Ord in Monterey County, California. Collected, recorded and reported data on special-status and non-regulated plants in maritime chaparral, oak woodland, and grassland communities.

Community Studies, U.S. Army Corps of Engineers, Ford Ord, Seaside, CA

Trapped, collected, and sampled reptiles and small mammals in support of the Ecological Habitat Investigation and Evaluation of Ecological Cleanup Levels for Former Fort Ord in Monterey County, California. Sampled blood from small mammals on site to determine bioaccumulation of lead in the study area.

Ecorisk Sampling, Ft. Ord, Monterey County, CA

Collected and processed ecological receptor samples including mammals, reptiles, arthropods and vegetation to evaluate ecological risks associated with potential lead, copper and antimony contamination in small arms ranges within the habitat areas of the Multi-Range Area (MRA), Former Fort Ord, Monterey County, California. Evaluated ecological risks from potential exposure to

chemicals in soil incorporating a Net Environmental Benefit Analysis (NEBA) to evaluate the potential impacts of various remedial scenarios on ecological resources and habitat.

Community Studies, Mitigation Monitoring, Bay Area, CA

Evaluated special-status species occurrence potential, jurisdictional wetlands, and mitigation success for linear transportation projects in nine San Francisco Bay Area counties. Conducted field investigations and prepared natural environment study reports, biological assessments, and mitigation monitoring reports for multiple projects throughout the region.

Habitat Management Plan, Santa Clara Valley, CA

Evaluated proposed habitat in support of a Habitat Management Plan to compensate for the loss of California Red-legged Frog (*Rana aurora draytonii*) and California Tiger Salamander (*Ambystoma californiense*) habitat. Conducted investigations and community studies of project site and potential compensatory properties. Performed vegetation and wildlife surveys in riparian, live oak woodland, and annual grassland communities. Recorded biological resource information including dominant vegetation types, wildlife habitat conditions, and overall site suitability. Conducted site history analysis and evaluated special status species occurrence potential.

Wetland Delineation, Confidential Client, Novato, CA

Performed wetland delineation to evaluate the presence of jurisdictional waters in areas adjacent to Petaluma River Saltmarshes in Eastern Marin County. Conducted GPS mapping and preliminary wetland assessments in support of landowner construction projects. Characterized hydrology, vegetation and hydric soils to assess areas potentially subject to US Army Corps of Engineers jurisdiction.

Community Studies, Wetland Delineation, Habitat Evaluation, Sacramento County Department of Airports, Sacramento, CA

Conducted environmental assessment and wetland delineations in support of an Individual Permit for fill activities in Sacramento County. Performed vegetation and wildlife surveys in annual grassland and freshwater marsh communities. Conducted community interviews, site history analysis, aerial imagery interpretation, and National Wetland Inventory status research. Evaluated the occurrence potential of special-status plant and wildlife species including Giant Garter Snake (*Thamnophis gigas*) and Swainson's Hawk (*Buteo swainsoni*). Examined onsite habitat and potentially impacted wetlands. Recorded existing biological resource information including dominant vegetation types, wildlife habitat conditions, and overall site disturbance.

Community Studies, Casmalia Steering Committee, Casmalia, CA

Conducted vegetation and wildlife surveys in support of the Biological Species and Habitat Survey Work Plan for the Casmalia Hazardous Waste Management Facility in Santa Barbara County. Collected, recorded and reported data on special-status as well as non-regulated plants and wildlife in ponded wetlands, upland grassland, and disturbed habitats including American peregrine falcon (*Falco peregrinus anatum*), American Badger (*Taxidea taxus*), California red-legged frog (*Rana aurora draytonii*) and Coulter's goldfields (*Lasthenia glabrata coulteri*).

Wetland Delineation, Community Studies, Habitat Evaluation, Union Pacific Railroad, Newark, CA

Performed wetland delineation and preliminary bioassessment surveys in support of the Union Pacific Railroad Oakland to Albrae Mainline Construction Project in Alameda County. Identified wildlife and vegetation in saltmarsh wetland and ruderal saltgrass communities. Evaluated the occurrence potential of special-status plant and wildlife species including salt marsh harvest mouse (*Reithrodontomys raviventris*) and California clapper rail (*Rallus longirostris obsoletus*). Examined onsite habitat features and assessed potentially impacted wetland features. Recorded existing biological resource information including dominant vegetation types, wildlife habitat conditions, and overall site disturbance.

Community Studies, Habitat Evaluation, Union Pacific Railroad, Santa Ana, CA

Performed field reconnaissance survey in support of the Union Pacific Railroad Santa Ana River Bridge Emergency Restoration Project in San Bernardino County. Identified wildlife and vegetation in intermittent riverbed, riverbank and adjacent grassland communities. Evaluated the occurrence potential of special-status plant and wildlife species including Santa Ana River Woolly Star (*Eriastrum densifolium ssp. sanctorum*) and San Bernardino Kangaroo Rat (*Dipodomys merriami parvus*). Examined on-site habitat features, and assessed potentially impacted wetland features. Recorded existing biological resource information including dominant vegetation types, wildlife habitat conditions, and overall site disturbance.

Community Studies, Habitat Evaluation, Bruce David Bradsby and Associates, St. Helena, CA

Performed biological assessment and preliminary environmental evaluation for the proposed Joseph Phelps River Ranch Farmworker Housing Center in Napa County. Examined the project area for special status plant and wildlife habitat including Clara Hunt's milkvetch (*Astragalus clarianus*) and California red-legged frog.

Community Studies, Habitat Evaluation, Beale, AFB, Marysville, CA

Established monitoring sites within created, restored and preserved vernal pool habitat in compliance with the Habitat Conservation and Management Plan for Beale Air Force Base. Conducted baseline hydrological, vertebrate, invertebrate and vegetation monitoring on 1,238 acres of seasonal wetlands for a variety of species including Vernal Pool Fairy Shrimp (*Branchinecta lynchi*), Vernal Pool Tadpole Shrimp (*Lepidurus packardi*), and Green's leggenere (*Legenere limosa*).

Community and Population Studies, USGS-BRD, Ventura, CA

Baseline vegetation inventory and habitat mapping to establish restoration and protection efforts during post-grazing habitat recovery on Santa Rosa and San Miguel Islands. Assisted in establishing resource management priorities by conducting extensive aerial and ground vegetation surveys of critical habitats in collaboration with the Santa Barbara Museum of Natural History (SBMNH) and USFWS. Identified and mapped vegetation and community types using GPS and GIS. Located several previously unrecorded plant populations including Santa Rosa Island dudleya (*Dudleya blochmaniae ssp insularis*) and the federally endangered northern Channel Islands phacelia (*Phacelia insularis ssp insularis*).

Population Studies, Channel Islands National Park, USGS, Ventura, CA

Identified and performed GIS mapping of invasive exotic vegetation representing a priority threat to island ecosystems. Collected qualitative spatial data on noxious invasive species such as Australian Fireweed (*Erechtites glomerata*) and Fennel (*Foeniculum vulgare*) for the development and monitoring of effective eradication and control strategies. Responsible for conducting ground searches for individual plants coupled with GPS/GIS to delineate the distribution of multiple

populations on Anacapa, Santa Cruz, Santa Rosa, San Miguel, and Santa Barbara Islands. Developed a dispersal model to identify the potential distribution ranges of individual species.

Community Studies, Restoration Monitoring, National Park Service, Sausalito, CA

The NPS Fire Effects Monitoring Program provides data for monitoring and improving prescribed burning operations on NPS managed lands. Monitored plant communities in Redwood National Park, Lassen National Park, Point Reyes National Seashore, Golden Gate National Recreation Area, Pinnacles National Monument, Santa Monica Mountains National Recreation Area, Channel Islands National Park, Walnut Canyon National Monument, and Lake Mead National Recreation Area. Used standard vegetation monitoring techniques to survey grassland, chaparral, and woodland communities. Recorded fire weather and fire behavior observations and conducted post-fire residue surveys to establish burn severity in established vegetation plots. Managed and compiled data for inclusion in annual monitoring reports and resource management plans.

Species and Community Studies, USFWS/BOR, Calipatria, CA

Conducted quantitative study of selected biotic use in agricultural drains in Imperial Valley, California. Collaborated with BOR, USFWS, and the Imperial Irrigation District (IID) to complete a comprehensive biological survey of Imperial Valley agricultural drains as part of the Alamo River National Irrigation Water Quality Project (NIWQP). Designed sampling protocols for major taxonomic groups including plants, invertebrates, reptiles, amphibians, fish, and birds. Developed and implemented a quarterly monitoring program using standard inventory methods including habitat characterization, point-count bird surveys, coverboard and pit trap surveys, and EPA rapid bioassessment protocol II for benthic macroinvertebrates.

Species and Population Studies, USFWS, Coachella Valley, CA

Conducted small mammal monitoring within the Coachella Valley Unit of the Salton Sea National Wildlife Refuge Complex. Placed, monitored, and recovered live traps. Performed mark-recapture surveys for small mammals including Merriam's kangaroo rat (*Dipodomys merriami*) and desert woodrat (*Neotoma lepida*).

Habitat Evaluation and Focused Surveys, Channel Islands National Park, USGS, Ventura, CA

Collected morphologic and distribution data related to threatened and endangered plant populations on the California Channel Islands. Collected quantitative spatial data of state and federally listed species on Anacapa, Santa Cruz, Santa Rosa, San Miguel, Santa Barbara, and San Nicholas Islands such as Hoffman's Slender Flowered Gilia (*Gillia tenuiflora hoffmanii*) and Santa Rosa Island Manzanita (*Arctostaphylos confertiflora*). Used GPS to collect and manage morphologic and spatial data for individual protected plants. Recognized for locating a previously unknown population of the federally endangered Island Phacelia (*Phacelia insularis insularis*) on San Miguel Island.

Focused Surveys, Pacific Lumber Company, Eureka, CA

Monitored threatened and endangered birds in Headwaters Grove, Humboldt County, California. Conducted reconnaissance and protocol level surveys of sites containing potential habitat of endangered Marbled murrelet (*Brachyramphus marmoratus marmoratus*) and Northern spotted owl (*Strix occidentalis caurina*) pursuant to USFWS requirements. Recorded visual and audible observations in suspected habitats to monitor use and locate nest sites. Performed forest floor eggshell fragment searches to confirm nesting locations, locating one of seven Marbled murrelet nest sites recognized by California Department of Fish and Game.

Focused Surveys, Channel Islands National Park, Ventura, CA

Monitored Island Fox (*Urocyon littoralis*) populations on the northern California Channel Islands. Placed, monitored, and recovered live traps on Santa Rosa and San Miguel Islands. Handled, examined, and sampled blood from captured individuals to determine age, gender, and overall condition. Correlated quantified observations with baseline data to confirm a population decline and to establish an age and gender structure of extant populations.

Restoration Implementation, Redwood National Park, Orick, CA

Performed maintenance and restoration of Coastal Prairie systems. Directed and assisted AmeriCorps crews in the manual removal of invasive exotic French Broom (*Genista monspessulana*) and native second growth Douglas Fir (*Pseudotsuga menziesii*) to maintain the intermediate stage of an aesthetic prairie.

Community Studies, National Science Foundation, Long-Term Ecological Research, Tempe, AZ

Conducted baseline interdisciplinary monitoring of ecological activity throughout the Phoenix metropolitan area. Quantified basic ecological characteristics and monitored long-term ecological trends at 204 sites within the study area to evaluate change in slowly cycling ecological variables. Directed a team in establishing study sites and sampling procedures. Implemented sampling protocols that measured microclimate, land cover and use, soil texture and chemistry, mycorrhizal presence, bacterial diversity, decomposition rates, vegetative cover and species frequency, arthropod diversity, bird diversity, and human activity.

Community Studies, National Science Foundation, Long-Term Ecological Research, Tempe, AZ

Investigated the role of atmospheric deposition in urban biogeochemical cycling and nutrient transport. Collected atmospheric samples at National Dry Deposition Network sites throughout central and southern Arizona. Prepared and analyzed nutrient composition using atomic absorption and flow injection spectrophotometers. Established spatial patterns for atmospheric chloride, nitrate, ammonium, phosphate, and organic carbon deposition, demonstrating a role of human effects on nutrient transport.

Community Studies, National Science Foundation, Long-Term Ecological Research, Tempe, AZ

Performed stream water collection and analysis to compare nutrient uptake and transport in stream reaches near the Phoenix metropolitan area. Collected depth integrated and surface water samples from sites in the Salt, Verde, and Gila Rivers of central Arizona. Prepared and analyzed nutrient composition of samples using atomic absorption and flow injection spectrophotometers.

Community Studies, Arizona State University Plant Biology Department, Sierra Vista, AZ

Performed comparison of riparian systems and stream morphologies in the San Pedro watershed, southeastern Arizona. Monitored channel disturbance and exotics establishment related to discharge rates in Ramsey Creek in the Ramsey Canyon Nature Preserve and Walnut Creek in Fort Huachuca Army Base. Collected riparian systems data including community characterizations and measurements of discharge, turbidity, bank full width, reach length, channel depth, and canopy cover. Assisted in collecting, germinating, and identifying riparian seed bank samples.

Employment History

Scientist, CH2M HILL. Oakland, California. 2005-current

Environmental Scientist, MACTEC Engineering & Consulting. Petaluma, California. 2001-2004

Research Assistant, Arizona State University. Tempe, Arizona. 2000-2001
Biological Science Technician, Channel Islands National Park. Ventura, California. 1998-1999
Biological Science Technician, Golden Gate NRA. Sausalito, California. 1996-1997
Biological Science Technician, San Luis NWR Complex. Los Banos, California. 1996
Project Biologist, Salton Sea National Wildlife Refuge. Calipatria, California, 1995
Wildlife Technician, Natural Resources Management Corporation, Eureka, California, 1994

Publications

Wildlife Use of Agricultural Drains in Imperial County, California. U.S. Fish and Wildlife Service, Salton Sea National Wildlife Refuge. 1997.

Professional Organizations/Affiliations

Ecological Society of America
California Native Plant Society

Training

Special Status Reptiles and Amphibians of Northern California, UC Davis Extension, 2006
Implementing Planning Law, UC Davis Extension, 2006
Planning in California, UC Davis Extension, 2004
Financial Aspects of Planning, UC Davis Extension, 2004
GIS for Resource Managers, UC Davis Extension, 2004
Environmental Planning and Site Analysis, UC Davis Extension, 2003
CEQA: A step-by-step Approach, UC Davis Extension, 2003
Basic Wetland Delineation, Wetland Training Institute, 2003
Poacea Family, UC Berkeley Jepson Herbarium Workshop, 2003
Habitat Conservation Planning, UC Davis Extension, 2002
GPS mapping for GIS, Trimble Navigation Ltd., 2002
CEQA workshop, AEP, 2002
40 Hour Hazardous Waste Operations, 2001
Introduction to ArcView, Environmental Systems Research Institute (ESRI), 1998
Basic Aviation Safety, National Interagency Fire Center, 1998
Helicopter Operations, National Interagency Fire Center, 1998
Carex genus, UC Berkeley Jepson Herbarium Workshop, 1997
Fire Ecology, UC Berkeley Jepson Herbarium Workshop, 1997
Fire Effects Monitoring, National Interagency Fire Center, 1997
Fire Weather and Behavior, National Interagency Fire Center, 1997
Mediterranean Grasslands, UC Berkeley Jepson Herbarium Workshop, 1996
Non-indigenous Plants of California, UC Berkeley Jepson Herbarium Workshop, 1996
Wildland Firefighting, National Interagency Fire Center, 1996

VIRGINIA DAINS
Biological Resource Consulting

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- ◆ Vegetation mapping
- ◆ Interpretation of soils and geologic mapping and aerial photography
- ◆ Botanical surveys
- ◆ Ecological research
- ◆ Wetland delineation

EDUCATION

M.S. Biology (Plant Ecology), 1992, California State University, Sacramento, Thesis Topic: "The Water Relations of *Alnus rhombifolia*"

B.S. Biology (Field Biology), 1978, California Polytechnic State University, San Luis Obispo

EXPERIENCE

Biological Consulting contracts since 1979 include:

Special-status plant surveys in California and western Nevada. Projects were conducted for state, federal, or private concerns and include GPS field mapping, mitigation measures, and conservation guidelines.

Riparian vegetation mapping, quantitative sampling, and interpretation in relation to streamflow reductions in the Sierra Nevada for Pacific Gas & Electric and Southern California Edison, including research on physiological responses of key riparian shrubs and trees. Research report on riparian vegetation response to reduced streamflow on Putah Creek, Yolo County. **Expert witness** on riparian vegetation along the lower American River, Sacramento County before the State Water Resources Control Board staff; **Impact assessment** for Calabasas Creek Flood Control Project, Santa Clara County; **Riparian Revegetation** planting and monitoring guidelines for Placer County.

Wetland Management Plans for County of Sacramento, Environmental Planning. **Wetland delineations** in riparian, seasonal wetland, vernal pools, alkaline, mountain meadow, seeps and discharge wetland habitats in California and Nevada. **Wetland delineation training** assistant for U.S. Army Corps of Engineers training classes, **Wetland Plant Identification Instructor** for EPA and U.S. Fish and Wildlife Service, and California Native Plant Society. **Wetland mitigation** design and implementation and monitoring of seasonal wetlands, vernal pools, riparian, and salt marsh habitats. **ARCView GIS** mapping and interpretation.

Other Experience: Forage Inventory for BLM and Nevada Cattleman's Association, Workshop leader on Vernal Pools, Backcountry Naturalist for The Nature Conservancy wilderness tours; Mt. St. Helens vegetation recovery researcher.

ERIC CHRISTIAN HANSEN

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PROFESSIONAL EXPERIENCE

Consulting Environmental Biologist, 1998-present

- Own and manage independent consulting firm
- Design and conduct research projects for species including State and Federally protected reptiles and amphibians
- Provide guidance and participate in preparation of environmental documents (e.g., ESA, NEPA, CESA, CEQA)
- Conduct GIS and database analysis of species habitat and distribution
- Conduct environmental awareness training, seminars, and workshops for State and Federally protected species

Field Technician, 1999-2000

Dixon Field Station, U.S. Geological Survey
Western Ecological Research Center, Dixon, CA
Project: Giant garter snake monitoring program, Natomas Basin, Sacramento and Sutter Counties, CA

Tutor in Biological Sciences, 1998-1999

American River College, Carmichael, CA
Course: Zoology

RESEARCH EXPERIENCE

Masters research, California State University, Chico 2002-2008

Investigations of spatial and temporal ecology of the State and Federally threatened giant garter snake (*Thamnophis gigas*) in agricultural and perennial marsh settings using mark-recapture and radio tracking techniques with emphasis on statistical analyses of population trends. Dr. Tag Engstrom, Department of Biological Sciences.

Undergraduate research, University of California, Davis 2000-2001

Investigations of feeding kinematics in side-necked (pleurodire) turtles using high-speed videography and computer-assisted media for volumetric analyses. Dr. Peter Wainwright, Division of Evolution and Ecology.

ACADEMIC PREPARATION

M.S. in Biological sciences, College of Natural Sciences, California State University, Chico, degree completed fall of 2008

Concentrations: Vertebrate and Community Ecology, Herpetology

Thesis: Status, Distribution, and Demography of San Joaquin Valley Giant Garter Snake (*Thamnophis gigas*) Populations: Implications for Species-specific Management and Recovery.

Advisor: Dr. Tag Engstrom

B.S. Evolution and Ecology, College of Letters and Science, University of California, Davis 2001

Concentrations: Evolutionary Biology and Ecology

Advisor: Dr. H. Bradley Shaffer

A.S. Mathematics and Physical Science, American River College, Carmichael, CA 1999

A.A. Liberal Studies, American River College, Carmichael, CA 1999

REPORTS AND TECHNICAL DOCUMENTS

- Hansen, E.C. 2008. Implementation of Priority 1, Priority 2, and Priority 3 Recovery Tasks for Giant Garter Snake (*Thamnophis gigas*) – continuing Surveys in Merced County, California, with an Expansion to Northern Fresno County. Report prepared for the U.S. Fish and Wildlife Service pursuant to FWS Agreement No. 802707G112, April 15, 2008.
- Hansen, Eric C. 2008. Results of year 2007 giant garter snake (*Thamnophis gigas*) surveys, Yolo County, CA. Letter to David Kelley, U.S. Fish and Wildlife Service, dated February 12, 2008.
- Hansen, E.C. 2007. Results of Year 2006 Giant Garter Snake (*Thamnophis gigas*) Surveys at the Proposed Sutter Basin Conservation Bank, Sutter County County, CA. Technical memorandum prepared for Westervelt Ecological Services, October 15, 2007. 3pp + appendices.
- Jones and Stokes. 2007. Biological Effectiveness Monitoring for the Natomas Basin Habitat Conservation Plan Area 2006 Annual Survey Results (Agency Version). Prepared for the Natomas Basin Conservancy. April 2007. 41pp + appendices.
- Hansen, E.C. 2007. Evaluation of potential Giant Garter Snake (*Thamnophis gigas*) Habitat at Spud Island; San Joaquin County, California. Technical memorandum prepared for Mr. Ben Hulse, California Delta Habitat and Education Foundation, March 7, 2007. 2 pp + appendices.
- Hansen, E.C. 2007. Results of Year 2006 Giant Garter Snake (*Thamnophis gigas*) Surveys, Yolo County, CA. Technical memorandum prepared for Mr. Eric Tattersall, Chief, Conservation Branch, Sacramento Fish and Wildlife Service, U.S. Fish and Wildlife Service, January 30, 2007. 2 pp + appendices.
- Hansen, E.C. 2007. Results of Giant Garter Snake (*Thamnophis gigas*) Surveys at the Proposed Richter Giant Garter Snake Mitigation Bank: Butte County, CA. Technical memorandum prepared for Paul Richter, Aguas Frias Rancho, LLC. July 22, 2007.
- Hansen, E.C. 2007. Implementation of Priority 1 Recovery Tasks for the Giant Garter Snake (*Thamnophis gigas*) in Merced County, California. Report prepared for the U.S. Fish and Wildlife Service pursuant to FWS Agreement No. 802706G120, April 15, 2007.
- Hansen, E.C. 2006. Results of Giant Garter Snake (*Thamnophis gigas*) Surveys at the Greenbriar Property: Sacramento County, CA. Technical memorandum prepared for Mr. Phil Serna, Serna Consulting, LLC, October 18, 2006. 2pp + appendices.
- Jones and Stokes. 2006. Biological Effectiveness Monitoring for the Natomas Basin Habitat Conservation Plan Area 2005 Annual Survey Results (Agency Version). Prepared for the Natomas Basin Conservancy. April 2006.

- Hansen, E.C. 2006. Results of Year 2005 Giant Garter Snake (*Thamnophis gigas*) Surveys, Yolo County, CA. Technical memorandum prepared for Mr. Eric Tattersall, Chief, Conservation Branch, Sacramento Fish and Wildlife Service, U.S. Fish and Wildlife Service, April 5, 2006. 2 pp + appendices.
- Hansen, E.C. 2006. Habitat Assessment for the California Red-legged Frog at the Proposed Clark~Claudon Vineyards Winery, Napa County, California. Report prepared for Clark~Claudon Vineyards, March 7, 2006. 7 pp + appendices.
- Hansen, E.C. 2005. Evaluations of Giant Garter Snake (*Thamnophis gigas*) habitat and consideration of potential species impacts for the Contra Costa Water District (CCWD) Alternative Intake Project at Victoria Island, Contra Costa County, California. Technical memorandum prepared for EDAW, Inc., November 10, 2005. 19 pp + appendices.
- Hansen, E. C. 2005. Giant Garter Snake (*Thamnophis gigas*) Habitat and Impacts Assessment at Sherman, West and Donlon Islands in Solano County, California. Technical memorandum prepared for Pacific Gas and Electric, July 14, 2005. Unpublished. 14pp.
- Hansen, E. C. 2005. Giant Garter Snake (*Thamnophis gigas*) Surveys at Beale Air Force Base: Yuba County, California. Prepared for Beale Air Force Base. November 20, 2005. Unpublished. 12pp.
- Hansen, E. C. 2005. Year 2004 Investigations of the Giant Garter Snake (*Thamnophis gigas*) in the Middle American Basin: Sutter County, California. Prepared for Sacramento Area Flood Control Agency, February 28, 2005. Contract No. 381. Unpublished. 33 pp.
- Jones and Stokes. 2005. Biological Effectiveness Monitoring for the Natomas Basin Habitat Conservation Plan Area 2004 Annual Survey Results (Agency Version). Prepared for the Natomas Basin Conservancy. April 2005.
- Hansen, E. C. 2004. Summary of Year 2004 Surveys for Giant Garter Snakes (*Thamnophis gigas*) at Lost Slough and Associated Wetlands within the Cosumnes River Preserve. Prepared for the Nature Conservancy. September 15, 2004. Unpublished. 9pp.
- Hansen, E. C. 2004. Giant Garter Snake (*Thamnophis gigas*) Monitoring at the Prichard Lake Restoration Project Site: Sacramento County, California: Year 2004 Progress Report. Prepared for Sacramento County Airport System. November 10, 2004. Unpublished. 7pp.
- Hansen, E. C. 2004. Year 2003 Investigations of the Giant Garter Snake (*Thamnophis gigas*) in the Middle American Basin: Sutter County, California. Prepared for Sacramento Area Flood Control Agency, March 10, 2004. Contract No. 381. Unpublished. 40 pp.
- Hansen, E. C. 2003. Results of Surveys for giant garter snakes (*Thamnophis gigas*) at the Natomas Basin Conservancy's Atkinson Parcel Highline Ditch and North Drainage Canal, Sutter County, CA. Prepared for the Natomas Basin Conservancy, December 5, 2003. Unpublished. 6pp.
- Hansen, E. C. 2003. Baseline Surveys for Giant Garter Snakes (*Thamnophis gigas*) at the Prichard Lake Restoration Project Site. Prepared for Sacramento County Airport System. December 22, 2003. Unpublished. 7pp.
- Hansen, E. C. 2003. Revised Evaluation of Giant Garter Snake (*Thamnophis gigas*) Habitat within the California Department of Boating and Waterways Aquatic Weed Control Division's Water Hyacinth and *Egeria densa* Control Program Service Areas. Prepared for California Department of Boating and Waterways Aquatic Pest Control Division, March 31, 2003. Contract No. 02-105-074. Unpublished. 9 pp. + Appendices.

- Hansen, E. C. 2003. Year 2002 Investigations of the Giant Garter Snake (*Thamnophis gigas*) at the Cosumnes River Preserve. March 15, 2002. Report prepared for the Nature Conservancy. Unpublished. 39 pp.
- Hansen, E. C. 2003. Draft Recommendations For Maintenance Practices Necessary To Promote And Sustain Presence Of The Giant Garter Snake At Fisherman's Lake: Sacramento County, Ca. Report prepared for City of Sacramento, March 5, 2003. Agreement Number 2002-470. Unpublished. 13 pp. + figures.
- Hansen, E. C. 2003. Year 2002 Investigations of the Giant Garter Snake (*Thamnophis gigas*) in the Middle American Basin: Sutter County, California. Final report for Sacramento Area Flood Control Agency, February 14, 2003. Contract No. 381. Unpublished. 34 pp.
- Patterson, L., and E. Hansen. 2002. Giant Garter Snake Habitat Evaluations for the Delta Wetlands Islands. Report Prepared for the California Department of Water Resources. November 2002. Unpublished. 9 pp. + figures.
- Hansen, E. C.. 2002. Evaluation of Giant Garter Snake (*Thamnophis gigas*) Habitat within the California Department of Boating and Waterways Aquatic Weed Control Division's Water Hyacinth and *Egeria densa* Control Program Service Areas. Prepared for California Department of Boating and Waterways Aquatic Pest Control Division, June 1, 2002. Contract No. 01-105-062. Unpublished. 8 pp. + Appendices.
- Hansen, E.C. 2001. Year 2001 investigations of the giant garter snake (*Thamnophis gigas*) in the greater American Basin: Sutter County, California. Report prepared for the Sacramento Area Flood Control Agency, January 30, 2002. Contract No. 381. Unpublished. 18 pp. plus figures.
- Hansen, E. C. 2001. Year 2001 Investigations of the Giant Garter Snake (*Thamnophis gigas*) at Badger Creek, Cosumnes River Preserve, December 20, 2001. Report prepared for the Nature Conservancy. Unpublished. 16 pp. plus figures.
- Wylie, Glenn D. and Casazza, Michael L.; Martin, L; Hansen, E. 2000. Investigations of Giant Garter Snakes in the Natomas Basin: 2000 Field Season. Dixon Field Station; U.S. Geological Survey Western Ecological Research Center; 6924 Tremont Road; Dixon, CA 95620.

PROFESSIONAL MEMBERSHIPS

American Society of Ichthyologists and Herpetologists
Society for the Study of Amphibians and Reptiles

HONORS AND AWARDS

Departmental Citation for Outstanding Academic Achievement, Department of Evolution and Ecology,
University of California, Davis 2001
Student Association Instructional Award in Recognition of Outstanding Achievement in Science, American
River College, Carmichael, CA 1999
Phi Theta Kappa Society, Beta Zeta Pi Chapter, inducted February 1998
Larry Foxworthy Memorial Scholarship Award, American River College, Carmichael, CA 1998
College Board Talent Roster Program Award, American River College, Carmichael, CA 1998

REFERENCES

H. Bradley Shaffer, Ph.D., Professor
Section of Evolution and Ecology
University of California, Davis
One Shields Ave.
Davis, CA 95616
(530) 752-2939

Peter C. Wainwright, Ph.D., Associate Professor
Section of Evolution and Ecology
University of California, Davis
One Shields Ave.
Davis, CA 95616
(530) 752-6782

Tag Engstrom, Ph.D., Assistant Professor
Department of Biological Sciences
California State University, Chico
Chico, CA 95929-0761
(530) 898-6748

Additional references will be provided upon request

Victor N Leighton III

Biologist

Education

A.S., Forestry/ Wildlife Biology, American River College 2000

Distinguishing Qualifications

- Biological Technician, CH2MHILL (2001-Present)
- Protocol Surveys: Northern spotted owl, Swainson 's hawk, Burrowing owl, Valley longhorn elderberry beetle, San Joaquin kit fox, and desert tortoise
- Mammal surveys
- Plant surveys
- Wetland Delineation
- Construction Monitoring
- Horizontal Directional Drilling (HDD)
- Biological report writing
- Native plant restoration

Relevant Experience

Mr. Leighton has over 10 years experience with a variety of environmental studies including general wildlife and plant surveys, wetland delineations, threatened and endangered species surveys, mammal surveys and trapping, native plant propagation, and restoration of native ecosystems, including native grasslands, wetlands, and riparian habitats. Victor has extensive knowledge of construction over site related to environmental issues. Victor is knowledgeable of the flora and fauna of the Sacramento and San Joaquin Valley, foothills, and Sierra Nevada Mountain regions; familiar with the biology, distribution, listing status, and survey techniques of numerous Federal, State of California, and other rare and sensitive species occurring in California. Victor has conducted protocol surveys for sensitive wildlife including California/ Northern spotted owl, Valley elderberry longhorn beetle, Swainson's hawk, burrowing owl, giant garter snake, San Joaquin kit fox, vernal pool fairy shrimp, desert tortoise and denning mammal surveys. Victor has conducted water quality sampling using sterile techniques, sterile techniques of for collection of aquatic invertebrates and fish tissues sampling as well as performed growth rate analysis of aquatic flora for above- and below-ground bio-mass. This experience has been gained on development, recreation, energy, public works, and research projects in the Central Valley, foothills, Sierra Nevada Mountains, and the Deschutes National Forest of Eastern Oregon.

Mr. Leighton has extensive experience in conducting protocol, pre-construction surveys and construction monitoring; the focus of these activities is compliance with endangered species laws and mitigation requirements. He has conducted agency-mandated Worker Environmental Awareness training sessions to construction crews. He has extensive monitoring experience of Horizontal Directional Drilling (HDD) and other construction related projects and construction crews working within or in close proximity to habitats of sensitive species; these efforts are frequently related to Swainson's hawk, valley elderberry longhorn beetle, burrowing owl, and giant garter snake. Mr. Leighton has successfully negotiated construction methods with USFWS, CDFG,

and the CPUC. He has conducted agency-mandated Worker Environmental Awareness training sessions to construction crews. He is knowledgeable about current environmental laws, policies and regulation and familiar with environmental information resources and tools including scientific literature, computerized database, academic and agency specialist, and maps and aerial photographs.

Representative Projects

- **Department of Energy, Western Area Power Administration (WAPA), Sierra Nevada Customer Service Region, California.** Team leader for wildlife and botany biologist conducting comprehensive surveys for threatened and endangered wildlife, plants, wetlands and Waters of the U.S., and habitat typing on over 900 miles of existing transmission lines right-of-way and over 400 miles of approved access roads currently in use that provide power to Northern California. Surveys were conducted using GeoXT GPS units' aerial photos to provide sub-meter accuracy later to be integrated into WAPA's GIS system to be proactive in environmental issues relating to transmission line maintenance work. Included in responsibilities was instruction and accuracy in utilizing the GPS units to field team members.
- **United States Marine Corps Base, Camp Pendleton, San Diego County, California.** Field team leader for wetland and Waters of the U.S. delineation on over 16 miles of stream corridors on one of four watersheds existing on the Base. These surveys were conducted using approved methodology by the Army Corp of Engineers, Wetland Delineation Manual. Instructed and responsible for use of GeoXT GPS units capable of submeter accuracy for recording various stream morphology data and stream channel locations along the 16 miles of waters and wetlands found within the study area. Completed an Army Corps of Engineers - approved Wetland Delineation Report from field work conducted that was approved by Base biologist as part of their Integrated Natural Resource Management Plan requirements.
- **Pacific Gas and Electric, Geothermal, Inc. Facility Closure Project, Middletown, California.** Conducted pre-construction survey, nesting bird surveys, photographic documentation, daily logs, reports, agency interaction, and monitored construction activities for CEQA/NEPA compliance for twelve months as part of a three year site closure procedures. Responsible for cultural monitors, permit requirements, removal of wetland donor soil, installation of wetland mitigation enhancement/creation, and native seed collection, and planting of created pools and swales. Coordinated with USFWS, and CDFG for the removal/relocation of several nesting birds within the project closure area during the breeding season. Prepared methodology procedures for relocation of nesting avian species that were approved by the State and Federal Agencies. These removal/relocations were allowed do to well documented data of species when eggs were laid, duration of incubation, and potential for addled eggs.
- **California Energy Center, Obsidian Energy Center LLC, Salton Sea Geothermal Plant Unit 6, Imperial County, California.** Conducted protocol surveys for burrowing owls at the proposed power plant site, associated linears and well pads. Prepared survey report, including GPS documentation, photographic documentation for the California Energy Commission (CEC), California Department of Fish and Game (CDFG), and U.S. Fish and Wildlife Service (USFWS) as part of the Conditions of Certification (COC). Including interactions with the CEC, and CDFG, unoccupied burrows were examined with a burrow scope and closed if burrows were unoccupied.

- **East Bay Municipal Utilities District, Mokelumne Aqueduct Maintenance and Seismic Upgrade, San Joaquin, California.** Conducted burrowing owls and Swainson's hawk surveys along Jones Tract, Lower Roberts Tract. Prepared weekly reports and interactions with EBMUD's biologist. Burrowing owl surveys were conducted during the early part of the breeding season and into the breeding season while upgrades were being performed as part of work extensions permitted by the California Department of Fish and Game.
- **Sacramento Municipal Utilities District, Consumnes Power Plant, Sacramento County, California.** Conducted protocol burrowing owl surveys, presence/absence Swainson's hawk surveys, raptor, and song bird surveys along 26 miles of proposed pipeline alignment including the 30 acre power plant site. Prepared survey report, including GPS documentation, photographic documentation for the California Energy Commission (CEC), California Department of Fish and Game (CDFG), and U.S. Fish and Wildlife Service (USFWS) as part of the Conditions of Certification (COC).
- **Sacramento Regional County Sanitation District, Arden Force Main, Sacramento County, California.** Conducted elderberry surveys and reports of survey results along the American River pipeline alignment. This survey work included stem counts, presence/absence of exit holes, GPS documentation, using the USFWS' *Conservation Guidelines for Valley Elderberry Longhorn Beetle*.
- **Federal Highways, Blue Lakes Road, Alpine County, California.** Conducted Denning mammal surveys along 11.6 miles of Blue Lakes Road for Pacific Fisher, Sierra Nevada red fox, and American marten. Potential Pacific fisher, American marten, and Sierra Nevada red fox sign, (tracks, scat, and burrows etc.) were investigated, photographed and details of the mammals presence were recorded and compared to published data.
- **Kinder Morgan Energy Partners, Northern California System.** On-call permitting coordinator (PC) for their Northern California Petroleum pipeline system. Conducted permitting needs field surveys and monitoring, development of field reports and permit applications, as well as negotiations with agencies to obtain all required approvals.
- **Federal Highways, Hyampom Road, Hayfork, California.** Conducted protocol -level surveys for Northern spotted owls along several miles of proposed road improvements for Hyampom Road in Hayfork California.
- **Calpine Corporation, Delta Energy Center, Contra Costa County.** Biological monitor of 880 mega-watt power plant. Conducted all forms of biological monitoring and surveys on power plant and associated linear facilities and HDD, including ongoing annual avian collision studies and scavenger removal study along transmission lines associated with the power plant as part of their COC Condition of Certification.
- **Calpine Corporation, Sutter Energy Center, Sutter County.** Biological monitor of 500 mega-watt power plant. Conducted all forms of biological monitoring and surveys on power plant and associated linear facilities and HDD, including ongoing annual avian collision studies and scavenger removal study along transmission lines associated with the power plant as part of their COC Condition of Certification.

- **Calpine Natural Gas, Sevenmile Slough HDD, Twitchell Island, Sacramento County**, full-time Biological Monitor on site during all construction and drilling operations. Throughout construction activities, I shared knowledge and answered questions with the various agency personnel that were on site to observe directional drilling operations, procedures, equipment, and steps that would be taken in the event of a "frac-out".
- **Kinder Morgan Energy Partners, Concord to Sacramento, California.** Implemented a worker environmental awareness program. Conducted pre-construction surveys, biological monitoring, and photo-documentation focused on ensuring contractor compliance with Endangered Species Act and Clean Water Act on various repair sites from Concord to Sacramento.
- **Caltrans ,Levee improvements, Sacramento County.** Conducted protocol surveys for giant garter snake, burrowing owl, and Valley elderberry longhorn beetle along several miles of levees from Interstate 5 to the Natomas Cross Canal. Monitored drill rigs for presence of giant garter snakes during all phases of work per California Department of Fish and Game regulations.
- **Pacific Gas and Electric Company, Line 401 Capacity Loops project, Burney and Modoc, California.** Focused biological surveys for rare plants, wetlands, special-status wildlife species, and noxious weeds along the two loops of the 401 Expansion Project. Conducted electronic database searches for existing literature, and consulted with resource agencies and/or other experts to develop a target list of potentially occurring special-status wildlife species. Part of a four person team which surveyed the study area using accepted protocols, and identified locations of special-status plants and wildlife species, including amphibians and reptiles. Assisted in producing a biological resource report.
- **Williams Communications Fiber Optic Installation, Nevada to Sacramento.** Environmental compliance monitor from Nevada to Sacramento. Monitored fiber optic cable installation with regards to State, California Environmental (CEQA), and local permit compliance. Ensured sensitive species and associated habitat protection, including erosion control activities and Best Management Practices (BMP's). Monitored numerous horizontal direction drills (HDD). Worked with State agencies, California Public Utilities Commission (CPUC), Department of Fish and Game (DFG), and Union Pacific Rail Road. Worked in conjunction with Archeologist and Resource Specialist. Maintained comprehensive field notes, documented daily activities, (NCR's) Non-Compliance Reports, Non-Compliance Report Resolutions (NCRR's), variance requests and photo records.
- **San Joaquin County Department of Public Works Roads and Bridges.** Field biologist for San Joaquin County's road maintenance projects and seismic retrofit projects. Duties include conducting biological assessments of each site, preparing Natural Environmental Studies (NES) for federally funded sites and conducting database searches, evaluating biological resource impacts and ensuring compliance with the Endangered Species Act and Clean Water Act on rapid turn-around public works projects. Conducted nesting raptor searches and protocol surveys for Swainson's hawk and burrowing owl.
- **Turlock Irrigation District City of Patterson Transmission Line Project EIR.** Conducted biological studies for a 250-mile proposed transmission line in Stanislaus County. Mapped potential fairy shrimp habitat, Swainson's hawk

nesting locations, and site reconnaissance of potential substation and river crossing locations.

- **Airport Gateway Dollar Tree Distribution Site.** Conducted intensive construction monitoring of an active Swainson's hawk nest for six weeks during earth moving and compaction associated with construction. Documented hawk activity and recorded construction activities. Upon completion, assisted in the preparation of a comprehensive monitoring report that was submitted to CDFG. Assisted in agency-mandated worker Environmental Awareness Training sessions to construction crews.
- **County of Sacramento Regional Wastewater Treatment Plant.** Established restoration of native ecosystems to 2500 acres, including riparian, native bunch grasses, and wetland ecosystems. Conducted trapping, measuring, and tagging on California golden beaver for population densities and age structure analysis. Conducted trapping and den census for population concentration on muskrat. Performed waterfowl counts during the migratory season. Built mitigation mounds for burrowing owls, and monitored structures for occupancy and brood success. Conducted water quality analysis for pilot study on the alternative treatment of tertiary treated water in a constructed wetland facility.
- **Deganiawidah Quetzalcoatl University Riparian Restoration Project.** Developed and implemented restoration plan for one half mile of realigned stream. Interacted with U.S. Fish and Wildlife Service and Yolo Regional Conservation District agencies in the cost share partnership of habitat improvements. Stream channel was restored to its historic condition through the use of earth-moving equipment to terrace the deeply incised channel. Stream banks were planted with native perennial grasses, native trees and shrubs were added to create the historic upper and lower riparian canopy with a diverse flora base.
- **Silva Ranch Vernal Pool Monitoring.** Conducted quantitative analysis of vernal pool vegetation within created and pre-existing vernal pools, to comply with five year monitoring protocol.
- **Weston Ranch / Suncal Housing Development NES.** Conducted biological studies for 150 acres within the project site. Conducted Burrowing Owl Consortium protocol nesting surveys to determine burrowing owl population within the project site. Evaluated biological resource impacts. Supervised construction crews within or in close proximity to habitats of sensitive species.
- **Forest Stand Exams; USDA Forest service, Deschutes National Forest; Oregon.** Field crew leader for conducting intensive forest stand exams on 55,000 acres of the Deschutes National Forest. Responsible for data management and quality control of over 12,000 individual sample points, including forest measurements, forest disease evaluation, habitat evaluation, and sensitive plant and wildlife surveys. Assisted in coordination and organization of crewmembers, including subcontractors, for field data collection.
- **Ringtail Population Monitoring Project.** Student research assistant for ringtail populations studies in Brockman Canyon, South Sutter Buttes, CA. Assisted with trapping, measuring and tagging ringtails.

- **County of Sacramento Regional Wastewater Treatment Plant.** Field assistant for full protocol giant garter snake surveys of Laguna Creek for pipeline construction.

Work History

- Biological Technician III, CH2MHILL (2001-Present)
- Environmental Compliance Monitor, Jones & Stokes Associates (2000 to 2001)
- Assistant Biologist, Moore Biological (1998-2000)
- Natural Resource Biologist, County of Sacramento Regional Wastewater Treatment Plant (1995-2000)
- Managing Natural Resource Biologist, Deganiawidah Quetzalcoatl University (1997-1999)
- Biological Technician, Foster Wheeler Environmental Corp. (1995-1996)
- Biological Intern, California Department of Transportation (1995-1996)
- Student Research Assistant, American River College (1995-1997)

Specialized Training

- California Department of Fish and Game Scientific Collector's Permit
- OSHA-SARA 40-hour Health and Safety Course
- OSHA 8-hour Supervisor Training
- OSHA 10-hour Construction Supervisor Training
- CPR Certification, American Red Cross
- Standard First Aid Certification, American Red Cross

Daniel Weinberg

Project Biologist
CH2M HILL

Education

B.A., Biological Field Science, University of California at Berkeley, 1990

Professional Registrations

USFWS 10(a)(1)(A) Scientific Recovery Permit for California Tiger Salamander and native endangered and threatened vernal pool branchiopods, TE081298-1

CDFG California Scientific Collecting Permit, 801055-01

Distinguishing Qualifications

- 18 years of experience in wildlife species surveys and habitat assessments
- Produces biological assessment and natural environment study documents
- Prepares federal and state permit applications to perform project work in sensitive habitats
- Provides worker environmental awareness trainings
- Monitors project actions for environmental compliance

Relevant Experience

Mr. Weinberg's background includes visual and auditory identification techniques, scientific survey protocol methods, and an understanding of optimal conditions to conduct field studies for wildlife and plant species in upland and wetland habitats throughout California. He also provides support for permitting projects within biologically sensitive habitats. Prior to assuming consulting responsibilities with private firms, Mr. Weinberg served as the acting district biologist for a 250,000-acre Bureau of Land Management field office in Redding, California. His other federal experience includes employment with the United States Fish and Wildlife Service, the United States Forest Service, and the Pacific Southwest Forest and Range Experiment Station.

Representative Projects and Dates of Involvement

Biological Surveys, Klamath National Forest Telecommunications Projects, Siskiyou Telephone, Etna, California, 2008-2009. Performed field surveys for listed and sensitive forest species including Northern spotted owl (*Strix occidentalis caurina*), Pacific fisher (*Martes pennanti*), Siskiyou Mountains salamander (*Plethodon stormi*) and white-flowered rein orchid (*Piperia candida*). Provided survey results and impact minimization recommendations in project planning documents.

Environmental Compliance Monitoring, Line 131 Natural Gas Pipeline Replacement, Pacific Gas and Electric Co., Brentwood, California, 2008-2009. Functioned as the US Fish and Wildlife-approved qualified biologist. per conditions specified in the project biological opinion. Conducted surveys for listed species including San Joaquin kit fox (*Vulpes macrotis mutica*), California red-legged frog (*Rana aurora draytonii*), California Tiger Salamander (*Ambystoma californiense*) and the western burrowing owl (*Athene cunicularia*). Provided worker

environmental awareness training and performed biological monitoring during active construction work.

Listed Vernal Pool Branchiopod Survey, PG&E, Vaca-Dixon Reconductoring Project, Solano Co., California, 2008. Located and identified occurrences of federally listed vernal pool branchiopods including *Lepidurus packardi* and *Branchinecta lynchi* in accordance with the U.S. Fish and Wildlife Service *Interim Survey Guidelines to Permittees for Recovery Permits under Section 10(a)(1)(A) of the Endangered Species Act for the Listed Vernal Pool Branchiopods*. Collected and processed voucher specimens in accordance with special conditions provided in scientific collection permit TE081298-1.

San Joaquin Kit Fox Den Survey, Caltrans, Pigeon Pass Realignment Project, Pleasanton, California, 2007. Approved by the U.S. Fish and Wildlife Service to conduct preconstruction den surveys for the Federally Endangered San Joaquin kit fox (*Vulpes macrotis mutica*) (SJKF). Survey was performed in accordance with the U.S. Fish and Wildlife Service *San Joaquin Kit Fox Survey Protocol for the Northern Range*.

California Tiger Salamander Larval Survey, U.S. Fish and Wildlife Service, Stanislaus County, California, 2006. Performed surveys for larval-stage California tiger salamander (*Ambystoma californiense*). Used dip and seine nets to potentially locate tiger salamander larvae prior to de-watering of creek impoundments. Survey was performed in accordance with the U.S. Fish and Wildlife Service *Interim Guidance on Site Assessment and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander*.

California Red-legged Frog Survey, California Polytechnic University, Building Expansion Project, San Luis Obispo, California, 2006. Performed a protocol survey for the California red-legged frog (*Rana aurora draytonii*) in riparian habitats on Cal Poly property in accordance with the U.S. Fish and Wildlife Service *Revised Guidance and Field Surveys for the California Red-legged Frog*.

Environmental Compliance Monitoring, US Army Corps of Engineers, Hamilton Army Airfield Coastal Salt Marsh Remediation Project, Novato, California, 2005. Provided daily environmental compliance monitoring and worker awareness training for the endangered salt marsh harvest mouse (*Reithrodontomys raviventris*) and California clapper rail during the pickleweed (*Salicornia virginica*) removal phase of the project. Coordinated with the U.S. Fish and Wildlife Service and the U.S. Army Corps of Engineers to remove the mouse from the work site. Successfully recovered and relocated 32 harvest mice to adjacent pickleweed habitat.

Valley Elderberry Longhorn Beetle Exit Hole Survey, U.S. Bureau of Land Management, Sacramento River, Redding, California, 2002. Performed surveys of elderberry shrubs (*Sambucus* sp.) for exit holes of the valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) in accordance with the U.S. Fish and Wildlife Service *Conservation Guidelines for the Valley Elderberry Longhorn Beetle*. Surveys were conducted on federal property in preparation of a BLM-approved, Shasta County vector abatement treatment program.

Honors and Awards

2005 Outstanding Achievement Award for Client Satisfaction, URS Corporation, Oakland, California

1993 Wildland Fire Incident Safety Award, U.S. Forest Service, Sierraville Ranger District, Tahoe National Forest, California

Specialized Computer Skills

Rarefind California Natural Diversity Database version 3.1.1.0

Professional Development

2006 Determining Federal Wetlands Jurisdiction

2006 California Tiger Salamander Larval Stage Survey Techniques

2004 (renewed 2005/2006/2007)/California OSHA 40-hour HAZWOPER

2003 U.S. Fish and Wildlife Service, native endangered and threatened species certification for vernal pool branchiopods

2002 U.S. Department of the Interior Office of Aircraft Services, Airplane/Helicopter Safety

2002 American Safety & Health Institute, Adult First Aid & CPR

2001 U.S. Bureau of Land Management, ATV Safety

1997 U.S. Forest Service Regions 5 & 6 salamander identification

1996 (renewed 2004) Mad River Biologists, Inc. marbled murrelet survey certification

1994 (renewed 2002) U.S. Forest Service, wildland incident firefighter qualification for arduous physical work

Publications

Weinberg, Daniel. 2005. *Atlas of the Breeding Birds of Humboldt County, California*. Contributing biologist. John E. Hunter, ed. Arcata: USFWS. Prepared for the Redwood Region Audubon Society.

Weinberg, Daniel. 2001. *Carnivore Survey Findings on the Interlakes Special Recreation Management Area*. July. Prepared for the U.S. Dept. of Interior Bureau of Land Management.

Employment History

01/07-Present: CH2M HILL, Project Biologist, Oakland, CA

06/02-01/07: URS Corporation, Biologist, Oakland, CA

10/01-06/02: ETI Professionals, BLM District Wildlife Biologist, Redding, CA

04/01-08/01: U.S. Bureau of Land Management, Wildlife Biologist, Redding, CA

08/00-12/00: U.S. Fish and Wildlife Service, Fish and Wildlife Biologist, Red Bluff, CA

04/97-12/98: HSU Foundation Co-op Fisheries Unit, USFS Wildlife Biologist, Arcata, CA

05/96-09/96: U.S. Forest Service, Wildlife Biologist, Six Rivers National Forest, Orleans, CA

03/95-12/95: U.S. Forest Service, Wildlife Biologist, Cleveland National Forest, Ramona, CA

03/94-12/94: U.S. Forest Service, Wildlife Biologist, Lassen National Forest, Susanville, CA

06/93-11/93: U.S. Forest Service, Wildlife Biologist, Tahoe National Forest, Sierraville, CA

06/92-10/92: Biosystems Analysis, Inc., Biologist, Tiburon, CA

05/91-10/91: USFS Pacific Southwest Forest and Range Experiment Stn., Biologist, Berkeley, CA

Supplemental Information

CH2M HILL Hire Date: 01/29/2007

Years of Experience Prior to CH2M HILL: 15

Appendix D
Summary of Potential Impacts to
Giant Garter Snake

Eric C. Hansen
Consulting Environmental Biologist

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To: Michael Clary
Natural Resources Planning and Management
CH2M HILL
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Re: Turlock Irrigation District Almond 2 Power Plant and Natural Gas Pipeline – summary of potential impacts to Giant Garter Snake (*Thamnophis gigas*)

Date: November 5, 2009

Dear Mr. Clary:

Per your request, on 12 August 2009, I surveyed aquatic features present along and within 1000 feet of the proposed Turlock Irrigation District Almond 2 Power Plant and Natural Gas Pipeline in Stanislaus County, CA to assess potential habitat for the giant garter snake (*Thamnophis gigas*). Surveys were conducted in reference to aerial photographs and plan specifications, and included all ditches and channels within 1000 feet of the project alignment possessing aquatic characteristics during the giant garter snake active season. Potential habitat was evaluated using a list of 25 variables associated with giant garter snakes to characterize features using Geographic Information System program ArcGIS 9.2, resulting in a database file depicting cumulative habitat scores for each feature. These reaches have been projected on maps and classified according to cumulative habitat score to show suitability for giant garter snakes. This memorandum provides a thorough species background, details the methodology used to assess habitat suitability, and concludes with a discussion of potential impacts to giant garter snakes resulting from the proposed Turlock Irrigation District Almond 2 Power Plant and Natural Gas Pipeline accompanied by the standard avoidance and minimization measures required offset or reduce impacts.

For consistency among documents, sections detailing the project location, project description, and environmental setting are taken directly from the Application for

Certification, TID Almond 2 Power Plant (TID 2009). Some descriptions, however, have been modified to reflect the Preferred Alternative.

PROJECT OVERVIEW

Turlock Irrigation District (TID) proposes to construct, own, and operate an electrical generating plant in Ceres, Stanislaus County, California. The Almond 2 Power Plant (A2PP) would be a natural gas-fired, simple-cycle peaking facility rated at a gross generating capacity of 174 megawatts (MW). The A2PP is proposed to be located on an approximately 4.6-acre parcel adjacent to and north of the existing 48-MW TID Almond Power Plant. Surrounding land uses include a WinCo Foods (WinCo) distribution warehouse to the west, a farm supply facility to the north, and various industrial facilities (modular building distributor and drilling equipment storage laydown area) to the east. The project address is 4500 Crows Landing Road, Modesto, California. Although the site address identifies the site in Modesto, the project site is located within the city limits of Ceres, and is approximately 2 miles from the Ceres city center. Modesto is approximately 5 miles to the north. The project site was previously used by WinCo as a borrow pit during construction of the WinCo distribution warehouse before being filled and graded to the current site elevation. The approximately 1.85-acre construction laydown and parking area will be adjacent to the northern border of the proposed site within the WinCo property.

Natural gas fuel for the A2PP will be delivered to the site via an 11.6-mile pipeline (Preferred Alignment). The pipeline would be 8-16 inches in diameter and would connect to the Pacific Gas & Electric Company (PG&E) Line #215. PG&E would also reinforce a 1.8-mile segment located along Prune Avenue on the western side of the San Joaquin River. Irrigation canals that could provide suitable habitat for species such as the western and northwestern pond turtle and the giant garter snake will be intersected by the pipeline.

PROJECT DESCRIPTION

The Preferred Natural Gas Pipeline Alignment consists of six segments: A, B, C, D, E, and F, as well as the reinforcement Segment 1. For the purposes of this investigation, the construction corridor is assumed to be 200 feet wide, as PG&E has requested flexibility in siting the pipeline.

As described in the AFC, it is expected that the pipeline would be installed in a relatively shallow trench. To cross under the Harding Drain and Crows Landing Road, a trenchless construction method would be used. Crossing methods for other TID drains and laterals have not yet been described.

Construction is expected to begin in late summer 2010 and to be completed by 1 October.

SPECIES BACKGROUND

Distribution and Natural History

Distribution - The current known distribution of giant garter snakes is patchy, extending from near Chico, Butte County, south to Mendota Wildlife Area, Fresno County. Giant garter snakes are not known from the northern portion of the San Joaquin Valley north to the eastern fringe of the Sacramento-San Joaquin River Delta, where the floodplain of the San Joaquin River is limited to a relatively narrow trough (Hansen and Brode 1980, USFWS 1993). The resulting gap of approximately 100 kilometers (62.3 miles) separates the southern and northern populations, with no giant garter snakes known from the lowland regions of Stanislaus County (CNDDDB 2009, Hansen and Brode 1980). Scattered records suggest that giant garter snakes may have occupied the Sacramento-San Joaquin River Delta at one time, but longstanding reclamation of wetlands for intense agricultural applications has eliminated most suitable habitat (NDDB 2009, Hansen 1986). Recent sightings within the Sacramento-San Joaquin Delta are haphazard, and repeated surveys have failed to identify any extant population clusters west of the eastern inland fringe (Hansen 1986, Patterson and Hansen 2003a, Swaim 2004). Current locality records indicate that within this range, garter snakes are distributed in as many as 13 unique population clusters coinciding with historical flood basins, marshes, wetlands, and tributary streams of the Central Valley (Hansen 1980, Brode and Hansen 1992, USFWS 1997, USFWS 1999). These populations are isolated, without protected dispersal corridors to adjacent populations, and are threatened by land use practices and other human activities, including development of wetland and suitable agricultural habitats.

Habitat Requirements - Habitats occupied by giant garter snakes contain permanent or seasonal water, mud bottoms, and vegetated dirt banks (Fitch 1940, Hansen and Brode 1980). Prior to reclamation, these wetlands probably consisted of freshwater marshes and low gradient streams. Giant garter snake habitat includes all of the following four characteristics: 1) sufficient water during the snake's active season (typically early spring through mid-fall) to supply cover and food such as small fish and amphibians; 2) emergent, herbaceous wetland vegetation, such as cattails (*Typha* spp.) and bulrushes (*Scirpus* spp.), accompanied by vegetated banks to provide basking and foraging habitat and escape cover during the active season; 3) upland habitat (e.g., bankside burrows, holes, and crevices) to provide short-term refuge areas during the active season; and 4) high ground or upland habitat above the annual high water mark to provide cover and refuge from flood waters during the dormant winter period (Hansen and Brode 1980, Hansen 1998).

This species appears to be absent from most permanent waters that support established populations of predatory game fishes, from streams and wetlands with sand, gravel, or rock substrates, and from riparian woodlands lacking suitable basking sites, prey populations, and cover vegetation (Hansen 1980, Rossman and Stewart 1987, Brode 1988, USFWS 1999). The species also appears to be absent from natural or artificial

waterways that undergo routine mechanical or chemical weed control or compaction of bank soils (Hansen 1988, Hansen and Brode 1993).

Reproduction - Upon emerging from overwintering sites, male giant garter snakes immediately disperse in search of mates and will continue breeding from March into early May. Female giant garter snakes brood young internally, giving birth to live young from late July through early September (Hansen and Hansen 1990). Young immediately disperse and seek shelter to absorb their yolk sacs, after which they molt and begin feeding on their own. Brood size ranges from 10 to 46 young, with a mean of 23.1 (n=19) (Hansen and Hansen 1990). Averaging 3-5 grams with a snout-to-vent length averaging 8.1 inches (20.6 cm), young giant garter snakes will double their size within their first year (Hansen and Hansen 1990, USFWS 1999). Sexual maturity probably averages 3 years in males and 5 years in females (G. Hansen personal communication, USFWS 1999).

Longevity - Survivorship and longevity of giant garter snakes is unknown, with few quantitative studies of survivorship available for the genus as a whole. The best proxy comes from data on individual survival rates for a population of valley garter snakes (*Thamnophis sirtalis fitchi*) at a mountain lake in northern California. Snakes from this population exhibited first year survivorship among neonates ranging from 28.7 to 43.0 percent, with a second year neonate survivorship of 16.4 percent. Survival of yearling snakes was greater than that of juveniles at 50.8 percent, while that of snakes 2 years and older decreased to 32.7 percent (Jayne and Bennett 1990).

Sources of Mortality - Giant garter snakes are subject to mortality through the loss or degradation of habitat, predation of juvenile giant garter snakes by introduced predators, elimination of giant garter snakes or prey species by pesticides and other toxins, road mortality, maintenance and modification of agricultural ditches and drains and flood control systems, and flooding (Hansen 1986, USFWS 1999).

Behavior - Giant garter snakes typically emerge from winter retreats from late March to early April after spending the cool winter months in dormancy or periods of reduced activity. They remain active through October, with the timing of annual activity subject to varying seasonal weather conditions. Daily activity consists of: 1) emergence of burrows after sunrise, 2) basking to increase body temperatures, 3) foraging or courting for the remainder of the day (Hansen and Brode 1993). Activity generally peaks during spring emergence and courtship from April into June, whereupon observations of giant garter snakes diminish significantly until a second peak is observed after females give birth during late July into August (Hansen and Brode 1993, Wylie *et al.* 1997, USFWS 1999, E. Hansen 2004). Giant garter snakes then remain active foraging and occasionally courting until the onset of cooler fall temperatures.

Movement - Giant garter snakes are strongly associated with aquatic habitats, typically over-wintering in burrows and crevices near to their active-season foraging habitat (Hansen 2003a,b). Individuals have been noted using burrows as far as 164 feet (50

meters) from marsh edges during the active season, and retreating as far as 820 feet (250 meters) from the edge of wetland habitats while overwintering, presumably to reach hibernacula that are located above the annual high water mark (Hansen 1986, Wylie *et al.* 1997, USFWS 1999).

Changing agricultural regimes, development, and other shifts in land use create an ever-changing mosaic of available habitat. Giant garter snakes move around in response to these changes in order to find suitable sources of food, cover, and prey. Connectivity between regions is therefore extremely important for providing access to available habitat and for genetic interchange. In an agricultural setting, giant garter snakes rely largely upon the interconnected network of canals and ditches that provide irrigation and drainage to provide this connectivity.

Data based on radiotelemetry studies show that home range varies by location, with median home range estimates varying between 23 acres (9.2 hectares) (range 10.3 to 203 acres [4.2 to 82 hectares], n=8) in a semi-native perennial marsh system and 131 acres (53.2 hectares) (range 3.2 to 2,792 acres [1.3 to 1,330 hectares], n=29) in a managed refuge (USFWS 1999). Differential dispersal and home range patterns between males and larger females who spend the majority of the active season gestating young are not reported. Lifetime dispersal patterns of both neonates and adults of this species are unknown.

Ecological Relationships - Giant garter snakes feed on small fishes, tadpoles, and small frogs (Fitch 1941, Hansen 1980, USFWS 1999), specializing in ambushing prey underwater (Brode 1988). Historically, giant garter snakes probably preyed on native species such as the thick-tailed chub (*Gila crassicauda*) and California red-legged frog (*Rana aurora draytonii*) which have been extirpated from the snake's current range, as well as the Pacific treefrog (*Hyla regilla*) and Sacramento blackfish (*Orthodox microlepidus*) (Cunningham 1959, Rossman *et al.* 1996, USFWS 1999). Giant garter snakes now prey upon introduced species, such as small bullfrogs (*Rana catesbeiana*) and their larvae, carp (*Cyprinus carpio*), and mosquitofish (*Gambusia affinis*). While juveniles probably consume insects and other small invertebrates, giant garter snakes are not known to consume larger terrestrial prey such as small mammals or birds.

Large vertebrates, including raccoons (*Procyon lotor*), striped skunks (*Mephitis mephitis*), red foxes (*Vulpes vulpes*), gray foxes (*Urocyon cinereoagentius*), river otters (*Lontra [=Lutra] canadensis*), opossums (*Didelphis virginiana*), northern harriers (*Circus cyaneus*), hawks (*Buteo* spp.), herons (*Ardea herodias*, *Nycticorax nycticorax*), egrets (*Ardea alba*, *Egretta thula*), and American bitterns (*Botaurus lentiginosus*) prey on giant garter snakes (USFWS 1999). In areas near urban development, giant garter snakes may also fall prey to domestic or feral housecats (G. Hansen personal communication). In permanent waterways, introduced predatory game fishes such as black and striped bass (*Micropterus* spp.), sunfish (*Lepomis* spp.), and catfish (*Ictalurus* spp.) probably prey on giant garter snakes and compete with them for smaller prey (Hansen 1988, USFWS 1993).

Giant garter snakes coexist with the valley garter snake and, in limited instances, both may be found together with the mountain garter snake (*Thamnophis elegans elegans*), a western terrestrial garter snake subspecies, where this species' range extends to the Central Valley floor. The extent of competition among these species is unknown, but it is likely that differences in habitat use and foraging behavior allow their coexistence (Brode 1988, USFWS 1999).

Population Threats

Continued loss of wetland or other suitable habitat resulting from agricultural and urban development constitutes the greatest threat to this species' survival. The conversion of Central Valley wetlands to agriculture and urban uses has resulted in the loss of as much as 95 percent of historical habitat for the giant garter snake (Wylie *et al.* 1997). In areas where the species has adapted to agriculture, maintenance activities such as vegetation and rodent control, bankside grading or dredging, and discharge of contaminants may also threaten its survival (Hansen and Brode 1980, Brode and Hansen 1982, Hansen and Brode 1993, USFWS 1999, Wylie *et al.* 2004). In developed areas, threats of vehicular mortality are increased; paved roads likely have a higher rate of mortalities than dirt or gravel roads due to increased traffic and traveling speeds.

The loss of wetland habitat is compounded by the elimination or compaction of upland refugia, bankside vegetative cover, and water fouling; conditions that are often associated with cattle grazing (Thelander 1994). While cattle grazing and irrigated pastures may provide the summer water that giant garter snakes require, overgrazing may degrade habitat by removing protective plant cover and eliminating underground and aquatic retreats such as rodent and crayfish burrows (Hansen 1986, USFWS 1999). Studies of wandering garter snakes (*Thamnophis elegans vagrans*) in northern California have shown population numbers to be much higher in areas where grazing was excluded (Szaro *et al.* 1985). Radiotelemetry studies in perennial wetlands where grazing was differentially excluded show that giant garter snakes avoid areas where grazing is frequent (Hansen 2003a); however, cattle grazing may provide an important function in controlling invasive vegetation that can compromise the overall value of wetland habitat (Hansen 2003a).

Giant garter snakes are also threatened by the introduction of exotic species. Examinations of gut contents confirm that bullfrogs prey directly on juvenile giant garter snakes throughout their range (Treanor 1983, Dickert 2003, Wylie *et al.* 2003). While the extent of this predation and its effect on population recruitment is poorly understood, estimates based on preliminary data from a study conducted at Colusa National Wildlife refuge suggest that 22 percent of neonate giant garter snakes succumb to bullfrog predation (Wylie *et al.* 2003). Other studies of bullfrog predation on snakes have documented bullfrogs ingesting other species of garter snakes up to 31.5 inches (80 cm) long, resulting in a depletion of this age class within the population which experienced alternating resurgence and decline coinciding with fluctuations in the local bullfrog population (Bury and Wheelan 1984).

Selenium contamination and impaired water quality have been identified as threats to giant garter snakes, particularly in the southern portion of their range (USFWS 1999). While little data are available regarding the effects of specific contaminants on this species, the bioaccumulative properties of selenium in the food web have been well documented in the Kesterson National Wildlife Refuge area (Ohlendorf *et al.* 1986, Saiki and Lowe 1987, Saiki and May 1988, Saiki *et al.* 1991, USFWS 1999). Efforts to measure levels of lead and mercury in giant garter snake populations in the Sacramento Valley are currently underway (R. Wack personal communication).

Compatible Land Uses

Rice - In the Central Valley, rice fields have become important habitat for giant garter snakes. Irrigation water typically enters the rice lands during April along canals and ditches. Giant garter snakes use these canals and their banks as permanent habitat for both spring and summer active behavior and winter hibernation. Where these canals are not regularly maintained, lush aquatic, emergent, and streamside vegetation develop prior to the spring emergence of giant garter snakes. This vegetation, in combination with cracks and holes in the soil, provides much needed sheltering cover during spring emergence and throughout the remainder of the summer active period.

Rice is planted during the spring after the winter fallow fields have been cultivated and flooded with several inches of standing water. In some cases, giant garter snakes move from the canals and ditches into these rice fields soon after the rice plants emerge above the water's surface, and continue to use the fields until the water is drained during late summer or fall (Hansen and Brode 1993). It appears that the majority of giant garter snakes move back into the canals and ditches as the rice fields are drained, although a few may overwinter in the fallow fields where they hibernate within burrows in the small berms separating the rice checks (Hansen 1998).

While within the rice fields, the snakes forage in the shallow warm water for small fish and the tadpoles of bullfrogs and treefrogs. For shelter and basking sites, giant garter snakes utilize the rice plants; small, vegetated berms dividing the rice checks; and vegetated field margins. Gravid (pregnant) females may be observed within the rice fields during the summer, and at least some giant garter snakes are born there (Hansen and Brode 1993; Hansen 1998).

Water is drained from the fields during the late summer or fall by a network of drainage ditches. These ditches are sometimes routed alongside irrigation canals, and are often separated from the irrigation canals by narrow vegetated berms that may provide additional shelter. Remnants of old sloughs also may remain within rice-growing regions where they serve as drains or irrigation canals. Giant garter snakes may use vegetated portions along any of these waterways as permanent habitat.

Row and dry crop agricultural practices, including crops such as corn, tomatoes, alfalfa, and cotton, do not require the intensive irrigation and flooding that rice agriculture does, and therefore provide little or no habitat value during the giant garter snake active season. Rice is usually grown on impermeable clay soils consistent with Central Valley wetlands historically supporting giant garter snakes. Permeable soils supporting row and dry crop agriculture are less likely to have supported the wetlands or giant garter snakes historically.

Wetland Reserves - Central Valley wetland conservation occurs through a combination of both public and privately managed refuges, mitigation banks, and duck clubs, creating a large network of wetland preserves throughout the historical range of the giant garter snake. A large percentage of these wetland conservation efforts, however, are geared toward waterfowl management, often placing greater emphasis on winter water rather than the summer water upon which giant garter snakes depend (G. Hansen personal communication, USFWS 1999). With proper consideration given to design, location, and management, these efforts might also significantly benefit the giant garter snake and other wetland dependent species (USFWS 1999).

SURVEY AND ASSESSMENT METHODS

For this analysis, habitat evaluation criteria were based on recognized minimum ecological requirements for giant garter snakes. Each criterion was scored, with a final numerical total represented categorically using Geographic Information Systems (GIS). All results were then confirmed with a visual assessment of habitat. This evaluation provides a GIS-generated map illustrating habitat value by colored code, supporting a detailed classification, by trait, of habitat variables within the A2PP site and Preferred Natural Gas Pipeline Alignment boundaries.

Scoring methodologies are modified from the USFWS 1999 Draft Recovery Plan for the Giant Garter Snake (Appendix D: Page 157). The evaluation form has been updated for a higher degree of rigor in assessing habitat value, incorporates a step-wise scale to reduce scoring ambiguity, and is modified for use in GIS analyses. The modified habitat evaluation and scoring form for GIS and instructions for completing this form are included as attachments to this memorandum.

Habitat assessments include aquatic and upland habitat within 200 feet of identified ditches, drains, channels, or swales. In its Programmatic Formal Consultation for U.S. Army Corps of Engineers 404 Permitted Projects with Relatively Small Effects on the Giant Garter Snake within Butte, Colusa, Glenn, Fresno, Merced, Sacramento, San Joaquin, Solano, Stanislaus, Sutter and Yolo Counties, California (USFWS 1997, 2004), the USFWS incorporated a standard of 200 feet of upland on each bank side of linear habitat as suitable upland for giant garter snakes when assessing a project's disturbance area. The 200-foot upland buffer has become standard in subsequent Biological Opinions and impacts analyses and is used as a standard in this assessment. Surveys were

completed by roadway in reference to GIS-generated maps provided by CH2M HILL. Hand-held Global Position Satellite (GPS) units were used to collect geographic data for use in GIS analyses.

GIS analysis was completed using the program ArcView Version 9.2. Georectified orthographic aerial photos acquired through the National Agriculture Imagery Program (NAIP) were used as base templates to ensure the accurate depiction of habitat surveyed. Hydrographic layers provided by CH2M HILL were used to create an attribute table containing all ranking variables, with associated variables documented for each segment and tallied to provide a total habitat score. The symbol legend of this layer was then separated into three classes based on total score. This classification results in a map of aquatic habitat with corresponding habitat values of individual segments distinguished by unique legend colors. Legend classes with corresponding point ranges are summarized in the following table:

Table 1: Scoring value and range

Habitat Value	Point Range
Unsuitable	0-6
Marginal	7-13
Suitable	14-19

Classification values are based upon recognized habitat characteristics and personal experience and knowledge of giant garter snakes and their life history, distribution, and habitat requirements (G. Hansen and Brode 1980, G. Hansen 1988, USFWS 1999, Wylie *et al.* 2000, E. Hansen 2003, E. Hansen 2004). Although point breaks within this valuation are based upon giant garter snake habitat and ecological requirements, they are somewhat arbitrary in nature. The scores for each habitat feature provided within the database should be consulted when considering specific habitat types or trends. Habitat valuation categories are defined below.

Suitable habitat is characterized by all of the features necessary to support permanent populations of garter snakes, including: 1) sufficient water during the active summer season to supply cover and food such as small fish and amphibians; 2) emergent, herbaceous aquatic vegetation accompanied by vegetated banks to provide basking and foraging habitat; 3) bankside burrows, holes and crevices to provide short-term aestivation sites; 4) high ground or upland habitat above the annual high water mark to provide cover and refugia from floodwaters during the dormant winter season (Hansen 1988, Hansen and Brode 1980).

Marginal habitat is characterized by any combination of those features listed above needed to support transient giant garter snakes on a temporary basis, or to act as connective corridors between areas of more stable or desirable habitat. This habitat need only possess the water, vegetation, and refugia required to provide minimal coverage for

dispersing snakes. On its own, marginal habitat is considered incapable of supporting permanent populations of giant garter snakes and is typically ephemeral, providing no permanent source of prey.

Unsuitable habitat is devoid of the water, vegetation, and refugia necessary to support giant garter snakes for a meaningful time. Such habitat is generally composed of large rivers, lakes, gunite drains or temporary swales that possess no water during the active spring and summer seasons. As such, unsuitable habitat corridors are no more likely to support giant garter snakes than any non-aquatic environment, and if they do so, they do so only by chance. Transient features, such as shallow trenches and furrows intended only to direct winter runoff, typically do not persist through the remainder of the season, do not provide the aquatic habitat necessary to support giant garter snakes for a meaningful time, and should therefore be assigned to this category. However, because transient features still exhibit characteristics such as winter water, bank sun, and bank or upland vegetation, they can accumulate the number of points necessary to qualify as *marginal* habitat in this evaluation scheme. Wetted features lacking any supporting characteristics are also deemed unsuitable if the distance or connectivity to suitable habitat is likely to preclude their use as migration corridors.

RESULTS AND DISCUSSION

Within the boundaries of the A2PP and the Preferred Natural Gas Pipeline Alignment, potential habitat consists of the amalgamation of ditches and drains constituting the regional water conveyance infrastructure (Figure 1). At the time of this analysis, approximately 132,562 linear feet (25.1 miles) of potential habitat were present within the project area. Of this potential habitat, 104,291 feet (19.86 miles) were deemed unsuitable and 28,271 feet (5.4 miles) were deemed marginal. No features within the Preferred Natural Gas Pipeline Alignment were deemed suitable. Marginal habitats were most prevalent in the southern portion of the Preferred Natural Gas Pipeline Alignment east and west of the San Joaquin River. While suitable, these habitats are not ideal because they are largely isolated, surrounded by incompatible land use types.

The majority of the conveyance infrastructure within the A2PP and the Preferred Natural Gas Pipeline Alignment project boundaries is concrete-lined, bounded by well-compacted access roads, and surrounded either by urban and rural development or intensive dry and row crop agriculture (e.g., corn, alfalfa, cotton, and orchard crops); as such, these features are largely unsuitable for giant garter snakes. The majority of earthen features are heavily disturbed, preventing the establishment of both the belowground burrows and bankside vegetation that provide habitat for giant garter snakes; the preponderance of these features is ephemeral, providing little to no value as habitat. Bisecting the Preferred Natural Gas Pipeline Alignment, the San Joaquin River is characteristic of large rivers, which are generally unsuitable for GGS due to the presence of predatory gamefish, diminished densities of prey species, and lack of suitable cover and foraging habitat. Features deemed marginal feature in-channel characteristics consistent with giant garter snake foraging habitat requirements, but are not associated with upland habitat required

for overwintering. As such, while these isolated features may possess characteristics associated with giant garter snake habitat, these characteristics occur in a proportion and configuration unlikely to support the species long-term.

While isolated features might support giant garter snakes temporarily, dispersal from extant giant garter snake populations to the A2PP and the Preferred Natural Gas Pipeline Alignment project area is unlikely. Although recent efforts to assess the distribution of GGS in Stanislaus County are lacking, giant garter snakes have never been documented here, and the A2PP and the Preferred Natural Gas Pipeline Alignment project lies within the apparent gap between the northern and southern populations (NDDDB 2009). The nearest GGS record (CNDDDB occurrence number 27) falls near Gustine in Merced County, more than 11 air miles south of the project area (Figure 2). Although there is a scattering of additional GGS records to the south of the study site spanning from east to west (e.g., CNDDDB occurrence numbers 26, 134, 135, and 184), all are 13 miles or further from the project area, placing the project area well north of the southern population’s known terminus. The nearest locality record north of the project area (CNDDDB occurrence number 83) lies more than 25 air miles distant near Stockton in San Joaquin County, marking the northern population’s known terminus. Though nearer to the southern population, the A2PP and the Preferred Natural Gas Pipeline Alignment project lie north of the San Joaquin River, where recent, intensive surveys in Merced County have failed to detect giant garter snakes (Hansen 2008).

Table 2: Ten CNDDDB occurrence records nearest to the Project Area

Occ. No.	USGS 7.5' Topographic Quadrangle	Township	Range	Section	County	Year Last Seen	Air Miles Distant	
50	Terminous	03N	05E	23	San Joaquin	2009	42.5	Sacramento Valley
53	Lodi South	02N	06E	04	San Joaquin	1976	38	
55	Stockton East	02N	08E	54	San Joaquin	1976	31.5	
83	Peters	01N	08E	14	San Joaquin	1987	25.2	
151	Bouldin Island	08N	09E	25	San Joaquin	1996	42.5	
26	Ingomar	08S	09E	14	Merced	1998	14.7	San Joaquin Valley
27	Gustine	07S	09E	34	Merced	1976	11.5	
134	Ingomar	08S	09E	28	Merced	Pre-1986	16	
135	Ingomar	08S	09E	14	Merced	2009	14	
184	Gustine	08S	09E	10	Merced	1997	13.5	

* Records shown in red include unpublished updates from the records of E.C. Hansen

While the lack of suitable habitat and isolation from known localities diminish the likelihood that GGS occur in the project area, their absence cannot be determined with certainty. The evaluation used for this analysis ranks only the suitability of habitat in relation to ideal conditions and cannot replace intensive surveys in determining giant garter snake presence. Even intensive trapping surveys can fail to detect giant garter snakes present at low densities. For instance, at a long-term sampling site in the giant

garter snakes-populated northern American Basin, GGS were detected only two out of four consecutive sampling seasons (first and third years), indicating that although present, giant garter snakes were not always detectable (E. Hansen 2004, E. Hansen unpublished notes). Variable results such as these are typical (E. Hansen 2003a, E. Hansen 2004, Jones and Stokes 2005, Wylie et al. 2000, Wylie et al. 2004).

This low detectability makes species absence difficult or impossible to determine, even when species-level surveys are conducted. For example, a study conducted on Bacon Island and Webb Tract in the Central Delta failed to detect GGS after two years of intensive sampling of, despite the verified occurrence (CNDDDB occurrence number 170) of an individual snake on Webb Tract in the year preceding the study (Patterson and Hansen 2004, Patterson 2005). Although results were negative, this study did not conclude with certainty that giant garter snakes were not present, but instead followed a conservative standard typical for this species by concluding that if giant garter snakes are present, they are present in undetectable numbers and are therefore unlikely to represent a viable, reproducing population significant to the recovery of the species. A definitive determination of species absence was not made in this case, nor can it be made for this project, particularly given that species-level surveys have not recently been conducted. Habitat conditions and maintenance practices, however, diminish the likelihood that giant garter snakes could persist here in significant numbers.

If giant garter snakes were present within the project area, certain aspects of the project would result in an increased risk of mortality or species take. Irrigation canals that could provide suitable habitat for species such as the western and northwestern pond turtle and the giant garter snake would likely be crossed by the preferred alignment using the dry auger jack and bore or horizontal directional drill construction method and, therefore, would avoid direct impacts to these habitats. However, potential impacts are associated with facilities construction and increased vehicle traffic on surface roads adjacent to open-water habitat during project construction. In addition, any ditches siphoned under, rerouted, crossed over, or replaced within the pipeline route would constitute either a temporary or permanent a reduction in available habitat. Outside of potentially diminished irrigation waters, any loss of agricultural habitat resulting from the project would be insignificant due to the incompatibility of row or dry crop farming with the life history of giant garter snakes.

Steps can be taken to reduce the risk and/or minimize the impacts of species take when giant garter snakes are present. The following are current Minimization and Avoidance Measures standard for the terms and conditions section of Biological Opinions written by the USFWS. This is a complete list of standard measures, which may not all apply to the proposed project. They are provided only as an example; appropriate measures should be determined following the selection of a final project alternative and the development of a formal project footprint.

- ❖ The project proponents shall minimize the potential for harm, harassment, and direct mortality of the snake resulting from project-related activities by implementation of the project.

- ❖ A Worker Environmental Awareness Training Program for construction personnel shall be conducted by the Service-approved biologist for all construction workers, including contractors, prior to the commencement of construction activities. The program shall provide workers with information on their responsibilities with regard to the snake, an overview of the life-history of this species, information on take prohibitions, protections afforded this animal under the Act, and an explanation of the relevant terms and conditions of this biological opinion. Written documentation of the training must be submitted to the Sacramento Fish and Wildlife Office within 30 days of the completion of training. As needed, training shall be conducted in Spanish for Spanish language speakers.
- ❖ Construction activity within giant garter snake habitat (*e.g.* aquatic, upland, and rice habitat) shall be conducted between May 1 and October 1. This is the active period for the snake and direct mortality is lessened, because snakes are expected to actively move and avoid danger. If it appears that construction activity may go beyond October 1, the project proponents shall contact the Service as soon as possible, but not later than September 15 of the year in question, to determine if additional measures are necessary to minimize take. Construction activities within 200 feet from the banks of snake aquatic habitat will be avoided during the snake's inactive season.
- ❖ Aquatic habitat for the snake will be dewatered 15 days prior to the initiation of construction activities. If complete dewatering is not possible, potential snake prey (*i.e.*, fish and tadpoles) will be removed so that snakes and other wildlife are not attracted to the construction area.
- ❖ At most 24-hours prior to the commencement of construction activities, the project site shall be surveyed for giant garter snakes by a Service-approved biologist. The biologist will provide the Service with a written report that adequately documents the monitoring efforts within 24-hours of commencement of construction activities. The project area shall be re-inspected by the monitoring biologist whenever a lapse in construction activity of two weeks or greater has occurred.
- ❖ A Service-approved biologist shall inspect construction-related activities at the proposed project site to ensure that no unauthorized take of federally listed species or destruction of their habitat occurs. The biologist shall be available for monitoring throughout all phases of construction that may result in adverse affects to the giant garter snake. Furthermore, the biologist shall have the authority through communication with the resident engineer to stop construction activities in the immediate area if a giant garter snake is encountered during construction until appropriate corrective measures have been completed or until the snake is determined to be unharmed. Snakes encountered during construction activities shall be allowed to move away from

the area on their own volition. The biologist shall notify the Service immediately if any listed species are found on-site, and will submit a report, including date(s), location(s), habitat description, and any corrective measures taken to protect the species found. The biologist shall be required to report any take of listed species to the Service immediately by telephone at 916/ 414-6600 and by electronic mail or written letter addressed to the Chief, Endangered Species Division, within three (3) working days of the incident.

- ❖ Best Management Practices (BMPs), including a Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP), will be implemented to minimize effects to the snake during construction. Best management practices will be implemented to prevent sedimentation from entering environmentally sensitive areas (ESAs) and to reduce erosion, dust, noise, and other deleterious aspects of construction related activities. These BMPs may include, but are not limited to, silt fencing, temporary berms, restrictions on cleaning equipment in or near ESAs, installation of vegetative strips, and temporary sediment disposal. Runoff from dust control and hazardous materials will be retained on the construction site and prevented from flowing into the ESAs.
- ❖ Tightly woven fiber netting or similar material shall be used for erosion control and other purposes at the project site to ensure that the giant garter snake is not trapped or become entangled. This limitation shall be communicated to the contractor using special provisions included in the bid solicitation package.
- ❖ During construction operations, the number of access routes, number and size of staging areas, and the total area of the proposed project activity will be limited to the minimum necessary. Routes and boundaries will be clearly demarcated. Movement of heavy equipment to and from the project site will be restricted to established roadways to minimize habitat disturbance. Project-related vehicles shall observe a 20-mile-per-hour speed limit within construction areas, except on County roads and on State and Federal highways. This is particularly important during periods when the snake may be sunning or moving on roadways. All heavy equipment, vehicles, and supplies will be stored at the designated staging area at the end of each work period.
- ❖ During construction operations, stockpiling of construction materials, portable equipment, vehicles, and supplies will be restricted to the designated construction staging areas and exclusive of the ESAs. The applicant will ensure contamination of habitat does not occur during such operations. All workers will be informed of the importance of preventing spills and appropriate measures to take should a spill occur.

- ❖ To eliminate an attraction to predators of the snake, all food-related trash items, such as wrappers, cans, bottles, and food scraps, must be disposed of in closed containers and removed at the end of each workday from the entire project site.
- ❖ The project proponent shall require documentation from the contractor that aggregate, fill, or borrow material provided for the proposed project was obtained in compliance with the Act. Evidence of compliance with the Act shall be demonstrated by providing the resident engineer with one of the following: 1) a letter from the Service stating that the use of the borrow pit will not result in the incidental take of species; 2) an incidental take permit for contractor-related activities issued by the Service pursuant to section 10(a)(1)(B) of the Act; 3) a biological opinion or letter concurring with a “not likely to adversely affect” determination issued by the Service to the Federal agency having jurisdiction over contractor-related services; 4) a letter from the Service concurring with the “no effect” determination for contractor-related activities; or 5) contractor submittal of information to the resident engineer indicating compliance with the State Mining and Reclamation Act (SMARA) and provision of County land use permits and California Environmental Quality Act (CEQA) clearance.
- ❖ The project proponents shall ensure that the temporary loss of giant garter snake habitat is confined to the proposed project site.
- ❖ Prior to the commencement of construction activities, high visibility fencing will be erected around the habitats of federally listed species to identify and protect these designated Environmentally Sensitive Areas (ESAs) from encroachment of personnel and equipment. These areas will be avoided by all construction personnel. The fencing shall be inspected before the start of each work day and maintained by the project proponents until completion of the project. The fencing may be removed only when the construction of the project is completed. Fencing will be established at least 200 feet from the edge of aquatic snake habitat.
- ❖ Signs will be posted every 50 feet along the edge of the ESAs, with the following information: “This area is habitat of federally-threatened and/or endangered species, and must not be disturbed. These species are protected by the Endangered Species Act of 1973, as amended. Violators are subject to prosecution, fines, and imprisonment.” The signs should be clearly readable from a distance of 20 feet, and must be maintained for the duration of construction.
- ❖ After construction activities are complete, any temporary fill or construction debris shall be removed and disturbed areas restored to their pre-project conditions. An area subject to “temporary” disturbance includes any area that is disturbed during the project, but that, after project completion, will not be

subject to further disturbance and has the potential to be re-vegetated. All snake habitats subject to temporary ground disturbances, including storage and staging areas and temporary roads, will be restored. These areas shall be re-contoured, if appropriate, and re-vegetated with appropriate locally collected native plant species to promote restoration of the area to pre-project conditions. Appropriate methods and plant species used to re-vegetate such areas will be determined on a site-specific basis in consultation with the Service and the CDFG. Restoration work may include replanting emergent vegetation. Refer to the Service's *Guidelines for the Restoration and/or Replacement of Giant Garter Snake Habitat* (Service 1997). A written report shall be submitted to the Service within ten (10) working days of the completion of construction at the project site.

- ❖ The project proponents will maintain and monitor the project site for one (1) year following the completion of construction and restoration activities. Monitoring reports documenting the restoration effort should be submitted to the Service upon the completion of the restoration implementation and one (1) year after the restoration implementation. Monitoring reports should include photo-documentation, when restoration was completed, what materials were used, specified plantings, and justifications of any substitutions to the Service-recommended guidelines.
- ❖ Prior to the commencement of construction activities, the project proponent shall compensate for the temporary and permanent loss habitat of the snake according to the Programmatic Guidelines.

In closing, although species-level surveys have not been conducted to elucidate the potential presence of giant garter snakes within the project area, this analysis indicates that habitat is largely unsuitable. As habitat is of diminished quality, patterns of ditch maintenance and agricultural uses are generally unfavorable, and the potential for immigration from outlying populations is limited, the presence of giant garter snakes in the project area is unlikely. If species presence is assumed, however, then minimization and avoidance measures can be implemented to reduce or avoid species take.

If you have questions regarding this evaluation, the methodologies, or any of the subsequent comments, please do not hesitate to contact me. I will gladly expand on any of these topics at your request.

Sincerely,



Eric C. Hansen
Consulting Environmental Biologist

Enclosures:

1. ArcGIS 9.2 shape file **TID_GGS_Habitat_Assessment_10_2009.shp**
2. Figure of the A2PP and the Preferred Natural Gas Pipeline Alignment habitat analysis results
3. Figure of Regional GGS Locality Records
4. Habitat Evaluation and Scoring Form for Geographic Information Systems (GIS)
5. Instructions for Completing Habitat Evaluation and Scoring Form for Geographic Information Systems (GIS)

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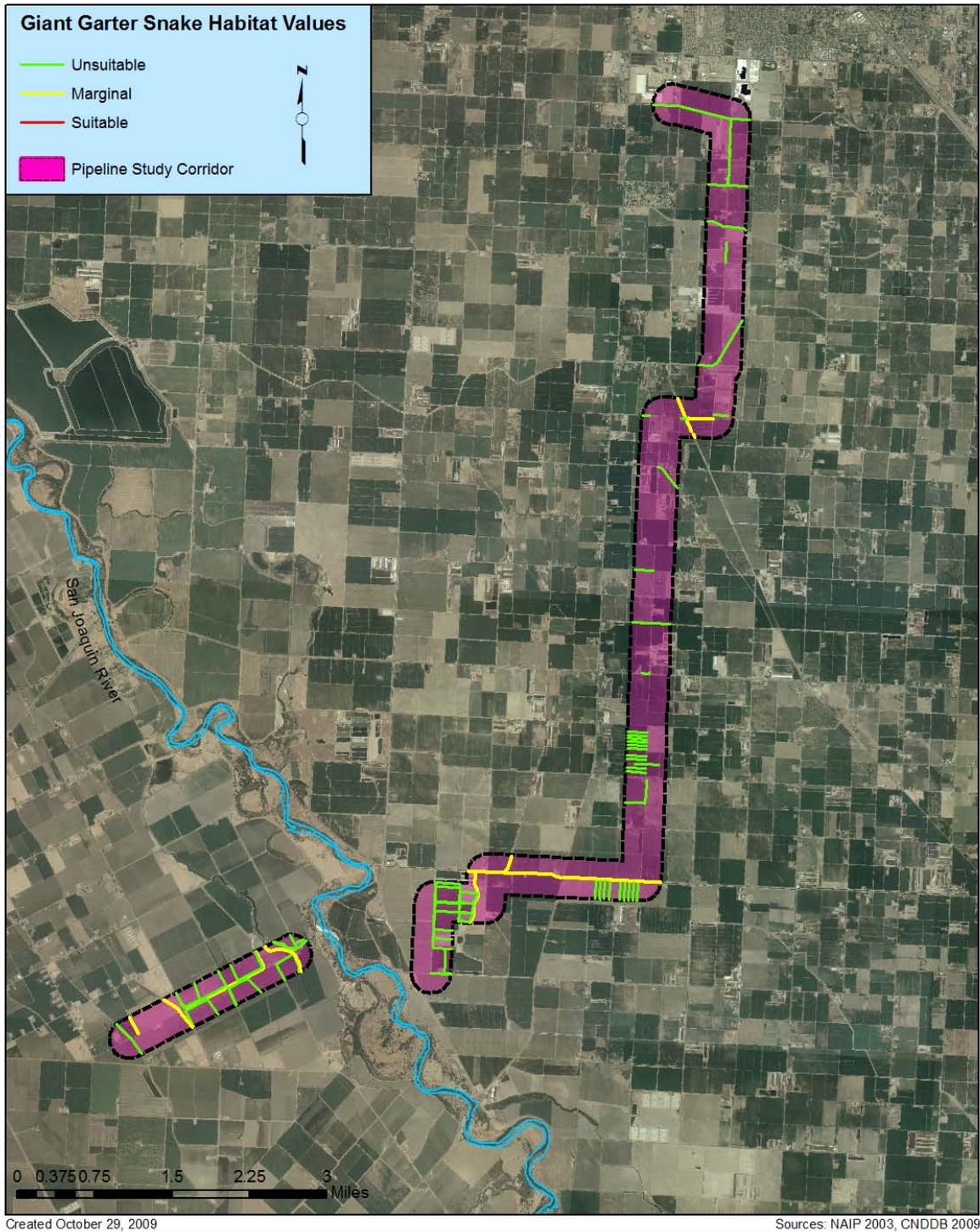


Figure 1: Potential habitat for giant garter snake within the A2PP Pipeline Study Corridor

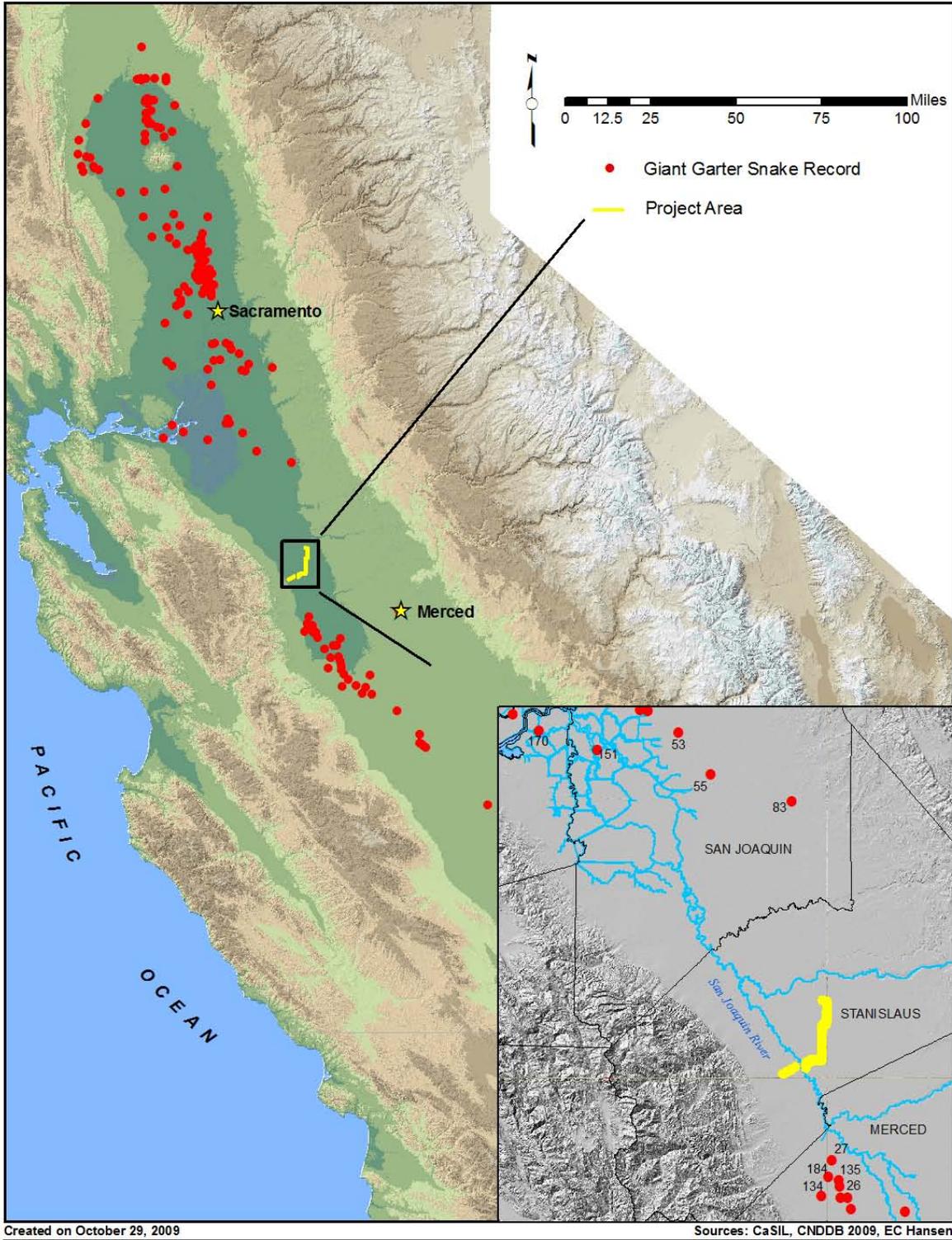


Figure 2: Giant garter snake occurrences with respect to the A2PP s Pipeline Study Corridor

HABITAT EVALUATION AND SCORING FORM FOR GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Giant Garter Snake (*Thamnophis gigas*)

Site Name: _____	Site ID: _____
General Characteristic: _____ Permanent/Transient ¹	
USGS 7.5' Topo Quad _____	Township _____ Range _____
Surveyor/Affiliation: _____	Date(s): _____

Scores: 0=absent/none 1=present/low (0-25%) 2=moderate (25-75%) 3=high (75-100%)

Factor	Score
1. Still or slow-flowing water over silt substrate	+ () ²
2. Flowing water over sand, gravel, rock or cement substrate	-- () ²
3. Water available ³	
a) Winter only (runoff) or sporadic availability	+ () ²
b) April through October only (e.g. irrigation)	+ () ²
c) All year (e.g. perennial marsh or channel)	+ () ²
4. Banks are sunny	+ ()
5. Banks shaded by overstory vegetation	-- ()
6. Aquatic or emergent vegetation present	+ ()
7. Terrestrial vegetation present	
a) On banks	+ ()
b) In adjacent uplands	+ ()
8. Subterranean retreats present ³	
a) In banks	+ () ²
b) In adjacent uplands	+ () ²
9. Prey fish present	+ () ²
10. Introduced gamefish present	-- () ²
11. Prey amphibians present	+ () ²
12. Site subject to severe seasonal or tidal flooding	-- () ²
13. Adjacent land use ³	
a) Rice, marsh, or wetland	+ () ²
b) Upland	+ () ²
c) Row Crop or horticultural	-- () ²
d) Urban or developed public area	-- () ²
14. Disturbance due to human recreational or maintenance activities	-- () ²
15. Connectivity to known populations of GGS	+ () ²

¹ transient habitat designation results in a total adjusted score of 0 points

² indicates presence/absence only

³ factors within these fields are scored cumulatively

Total:

Adjusted Total¹:

INSTRUCTIONS FOR COMPLETING THE HABITAT EVALUATION AND
SCORING FORM FOR GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Giant Garter Snake (*Thamnophis gigas*)

1. Still or slow-flowing water over silt substrate

This category is checked if bank habitat adjacent to water is composed of soil, silt, or mud in flows no greater than 3 mph. Water in this category will often be dark or murky rather than clear, of the type observed in marshes, sloughs, or irrigation canals. This category is determined by presence or absence only and receives a positive score.

2. Flowing water over sand, gravel, rock or cement substrate

This category is checked if channel or bank habitat is composed of an impermeable substrate of the type listed above defining this category, and may include the presence of bank side cinders or fine concrete riprap placed for erosion control. Water in this category will often be clear, associated with flows exceeding 3 mph, of the type typically observed in flowing streams or rivers where silt or sediment will not persist. This category is determined by presence or absence only and receives a negative score.

3. Water available:

- a) Winter only (runoff) or sporadic availability***
- b) April through October only (e.g. irrigation)***
- c) All year (e.g. perennial marsh or channel)***

Factors in this category are based upon the persistence of all water within 200 feet of observed habitat. Factors in this category are cumulative, are determined by presence or absence only, and receive positive scores.

4. Banks are sunny

This category is checked if bank habitat adjacent to water receives direct sunlight. Availability of sunlight is determined by the ability of GGS to access sun for basking, and does not include areas where vegetation or topography prevents such access. This category receives positive scores determined by percentage of sunlight present. Percentage classes and corresponding point values are included on the Habitat Evaluation and Scoring Form.

5. Banks shaded by overstory vegetation

This category is checked if bank habitat adjacent to water receives shade obstructing direct sunlight. This category is designed to complement and weight category 4, and receives negative scores determined by percentage of shade present. Percentage classes and corresponding point values are included on the Habitat Evaluation and Scoring Form.

6. Aquatic or emergent vegetation present

This category is checked if bank side aquatic habitat is characterized by aquatic vegetation which persists above the water level (*e.g.* cattails, bulrushes, primrose or hyacinth). This category receives positive scores determined by the percentage of aquatic vegetation present. Percentage classes and corresponding point values are included on the Habitat Evaluation and Scoring Form.

7. Terrestrial vegetation present

- a) On banks**
- b) In adjacent uplands**

This category is checked if bank habitat or adjacent uplands within 200 feet of aquatic habitat are characterized by vegetation (*e.g.* grasses, brush, low shrubs or Himalayan blackberry). This category receives positive scores determined by the percentage of terrestrial vegetation present. Percentage classes and corresponding point values are included on the Habitat Evaluation and Scoring Form.

8. Subterranean retreats present

- a) In banks**
- b) In adjacent uplands**

This category is checked if bank habitat or adjacent uplands within 200 feet of aquatic habitat are characterized by burrows, holes, or cracks either in the soil or under debris. Factors within this category are cumulative, are determined by presence or absence only, and receive positive scores.

9. Prey fish present

This category is checked if small aquatic prey fish (*e.g.* carp, mosquitofish, or blackfish) are present within aquatic habitat. This category is determined by presence or absence only and receives a positive score.

10. Introduced gamefish present

This category is checked if large, predatory gamefish (*e.g.* black bass, striped bass, channel catfish) are present within aquatic habitat. This category is determined by presence or absence only and receives a negative score.

11. Prey amphibians present

This category is checked if amphibians (*e.g.* bullfrog, treefrog, red-legged frog) are present within or near aquatic habitat. Note that toads do not constitute preferred prey for the giant garter snake and are not included when scoring this category. This category is determined by presence or absence only and receives a positive score.

12. Site subject to severe seasonal or tidal flooding

This category is checked if habitat is subject to prolonged inundation of upland terrestrial habitat by seasonal floodwaters or persistent tidal flows. This category is determined by presence or absence only and receives a negative score.

13. Adjacent land use

- a) Rice, marsh, or wetland***
- b) Upland***
- c) Row Crop or horticultural***
- d) Urban or developed public area***

Factors in this category are based upon dominant land use within 200 feet of observed habitat. Factors in this category are cumulative, are determined by presence or absence only and receive positive or negative scores indicated on the Habitat Evaluation and Scoring Form.

14. Disturbance due to human recreational or maintenance activities

This category is checked if habitat is subject to prolonged or regular intense disturbance by human recreational or maintenance activities (*e.g.* fishing, boating, walking, or farming, mowing, burning, or scraping of bankside vegetation). Activities are considered regular if they occur more than 50% of the time between March and November. This category is determined by presence or absence only and receives a negative score.

15. Connectivity to known populations of GGS

This category is ranked by distance, with occurrence records falling within 10, 5, and 1 mile(s) of the observed habitat receiving scores of 1, 2, and 3 points, respectively. The date of the last recorded observation associated with the record is not considered.

Appendix E
Results of Special-Status Plant Survey

**Results of a Special-Status Plant Survey
Conducted for Turlock Irrigation District's
Proposed Almond 2 Power Plant in Stanislaus
County, California**

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October 2009

Methods

Background information on special status plants with the potential to occur in the Vicinity of the Almond 2 Power Plant was compiled from the California Native Plant Society Inventory search of a nine quadrangle area surrounding the Ceres and Crow's Landing USGS 7 ½ minute quadrangles and California Department of Fish and Game's Natural Diversity Data Base occurrence records (CNDDDB September 2009).

Field surveys within the facility footprint, preferred gas line alignment (“preferred alignment”¹) and transmission lines were conducted during October 12 and 17, 2009. Most of the preferred alignment and transmission corridors consists of agricultural land that has little natural habitat value. These areas were driven or walked though, special attention was given areas where any potential habitat was present such as fallow fields, or natural or manmade wetlands, including larger vegetated irrigation and drainage ditches. During the field surveys, habitat was assessed for the potential to support rare plant species that were not identifiable during the fall botanical survey. A true color aerial photograph of the preferred alignment was used for navigation and to assess habitats within 1-mile of the project. Additional information about native soils and historic land use patterns was gained from the USDA Stanislaus Soil Survey (1964). A list of plant species observed during the field surveys was compiled (Attachment 1). No herbarium collections were made.

Findings

The study area (project site, preferred alignment, and transmission corridors) is found at the distal end of the Stanislaus River fan and within the historic floodplain of the San Joaquin River. The project area is underlain with recently to moderately developed sandy soils formed at the basin rim. Some of these alkaline and saline affected soils would have supported alkaline scrub vegetation of iodine bush and saltbush with hummocky topography and depressions formed above cemented lime-silica or claypan horizons. These historic wetlands provided habitat for many of the San Joaquin valley plant species that are now considered rare.

All of the area in the preferred alignment and transmission corridors have been altered to some degree by agricultural or urban uses. Natural habitats with potential to support rare species are not present. Ruderal or marginal habitats with potential to support special status plants are few. Some rare species may colonize roadside drainages, grazed

¹ The preferred alignment is approximately 11.6 miles long, and consists of six segments A through F. In addition, 1.8 miles of PG&E's line #215 will need to be reconductored for the Almond 2 Power Plant Project and is referred to as Segment 1. For purposes of this analysis, the preferred alignment includes Segments A through F and Segment 1.

pastures, fallow fields, and road cut-banks, but these habitats have low suitability and likely serve only as a limited refuge to a local or previously established population.

Those special status plant species considered as occurring in the vicinity of the project, preferred alignment, and transmission corridors are provided in Table 1. Species such as Colusa grass, Hoover's spurge, succulent owl's clover, and the orcutt grass are known only from specific vernal pool habitats that are no longer present in the vicinity of the project, preferred alignment, and transmission corridors. Other species noted on the list, such as Hartweg's golden sunburst and beaked clarkia are found in grassland habitats restricted to higher and older alluvial terraces. Other species such as Lemmon's jewelflower, diamond-petaled poppy, and roundleaf filaree are found in the Coast Range foothills. Neither of these habitats are representative of the sandy alkaline habitats that are present in the study area (project site, preferred alignment, and transmission corridors).

Marginal saline/alkaline wetland habitat is present for the following saltscale species: *Atriplex cordulata*, *Atriplex persistens*, *Atriplex depressa*, and *Atriplex joaquiniana*. Small patches of salt grass within the preferred alignment and transmission corridors were surveyed for these species and for hispid bird's beak (*Cordylanthus mollis* ssp. *hispidus*). If present within the preferred alignment and transmission corridors, these species would have been flowering or identifiable (in fruit) during the October field survey.

Sanford's arrowhead (*Sagittaria sanfordii*) is another Great Valley species known to be found in the manmade habitats like roadside or agricultural drainage ditches. This species was sought in larger vegetated drains supporting cattail, water primrose, and other emergent aquatics. Though plants bloom in May, the plants are distinctive enough by leave shape, rooting habitat, and fruit to be discernable in the fall.

Merced monardella (*Monardella leucoccephala*) is another species for which marginal habitat may exist. This summer flowering annual was historically known from sandy alkaline ground adjacent to the Merced River near Delhi in Merced County and Tuolumne River in Southern Stanislaus County (Stebbins 1993). It has not been relocated in the wild since the 1940's and is considered extinct. So little ecological information is known about this annual species that that it was sought in all open sandy habitats along the preferred gas line alignment that comes within a mile of the San Joaquin River. No members of the genus *Monardella* were encountered within the preferred alignment, nor was naked buckwheat (*Eriogonum nudum*) the plants only associated species recorded in historic collections. Since Merced monardella is an annual plant that could be diminutive in bad years, it has a low potential to have escaped detection during the October survey. However, the probability of its actually being found in any of the study area (project site, preferred alignment, and transmission corridors) is slight.

Summary

The study area (project site, preferred alignment, and transmission corridors) contains very limited potential rare plant habitat. No rare plants were identified during the October 2009 rare plant survey. An additional rare plant survey will be conducted in spring 2010 to identify species that might have been missed during the fall survey including Merced monardella.

References

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TABLE 1

Special-Status Species with the Potential to Occur in the Vicinity of the Almond 2 Power Plant

Common Name	Scientific Name	Status	Habitat	Season	Potential to Occur
Plants					
Lesser saltscale	<i>Atriplex minuscula</i>	--/--/CNPS 1B.1	Sandy soils in alkaline areas at elevations of less than 100 m, often in association with slough systems and river floodplains. However, it is found only in microhabitats that are not inundated year-round. CNDDDB record from roadside drainage, annual grassland, alkaline grasslands/flats	May - October	None –No suitable habitat in the study area. Not observed during October survey. Nearest suitable habitat (and CNDDDB record of occurrence) is located adjacent to the San Joaquin River and approximately 1.5 miles west of the natural gas pipeline segment F. However, the accuracy of this occurrence is 1 mile and the record dates from 1965, therefore, it's unlikely this species is present within the project impact area.
Heartscale	<i>Atriplex cordulata</i>	--/--/CNPS1B.2	Sandy, saline or alkaline flats or scalds, in chenopod scrub, meadows, and valley and foothill grassland. CNDDDB occurrence in unplowed, grazed pasture. Often associated with <i>Distichlis</i> .	April - October	None – Not observed during October survey. No suitable habitat. Believed extirpated from Stanislaus County. Nearest suitable habitat (and CNDDDB record of occurrence) is located adjacent to the San Joaquin River and approximately 1.5 miles west of the natural gas pipeline segment F. However, the accuracy of this occurrence is 1 mile and the record dates from 1965, therefore, it's unlikely this species is present within the project impact area.
Brittle scale	<i>Atriplex depressa</i>	-/-/CNPS1B.2	Chenopod scrub, meadows and seeps, Playas, valley and foothill grassland, vernal pools/alkaline, clay	April –October	Low- Not observed during October survey. No local or historic populations, Marginal habitat limited, no vernal pools.
San Joaquin spearscale	<i>Atriplex joaquiniana</i>	-/-/CNPS 1B.2	Chenopod scrub, Meadows and seeps, Playas, Valley and foothill grassland/alkaline	April - October	None –Not observed during October survey. Marginal habitat limited. No local or currently know populations within 1-mile of the project area.
Vernal pool smallscale	<i>Atriplex persistens</i>	--/--/CNPS1B.2	Vernal pools.	June - October	None – Not observed during October survey. No vernal pool habitat in the study area.

TABLE 1

Special-Status Species with the Potential to Occur in the Vicinity of the Almond 2 Power Plant

Common Name	Scientific Name	Status	Habitat	Season	Potential to Occur
Alkali milk-vetch	<i>Astragalus tener</i> var. <i>tener</i>	--/--/CNPS 1B.2	Vernal pools and playas, edges of salt marshes, alkali meadows, and moist grassy flats.	March - June	None – Not observed during October survey. No seasonally wet grassland habitat in the study area. Nearest suitable habitat (and CNDDDB record of occurrence) is located adjacent to the San Joaquin River and approximately 1.5 miles west of the natural gas pipeline segment F. However, the accuracy of this occurrence is within 1 mile and the record dates from 1940; according to the CNDDDB the occurrence is assumed to be extirpated from the area.
Big tarplant	<i>Blepharizonia plumosa</i>	--/--/CNPS 1B.1	Valley and foothill grasslands. .	July – October	None – Not observed during October survey. No native habitat observed in the study area.
Santa Cruz Mountains pussypaws	<i>Calyptridium parryi</i> var. <i>hesseae</i>	--/--/CNPS1B.1	Chaparral, Cismontane woodland; sandy or gravelly openings	May-Aug	None – Not observed during October survey. No suitable habitat.
Succulent (fleshy) owl's clover	<i>Castilleja campestris</i> ssp. <i>succulenta</i>	FT/CE/ CNPS 1B.2	Vernal pools.	April - May	None – Not observed during October survey. No vernal pool habitat in the study area.
Lemmon's jewelflower	<i>Caulanthus coulteri</i> var. <i>lemmonii</i>	-/-/CNPS 1B.2	Pinon and juniper woodland, Valley and foothill grassland	March –May	None – Not observed during October survey. No potential or historic habitat in the study area.
Hoover's spurge	<i>Chamaesyce hooveri</i>	FT/--/CNPS 1B.2	Vernal pools.	July - September	None – Not observed during October survey. No vernal pool habitat in the study area. Nearest critical habitat 18 miles east of the project.
Beaked clarkia	<i>Clarkia rostrata</i>	--/--/CNPS 1B.3	Cismontane woodlands; Valley and foothill grasslands at higher elevations.	April – May	None – Not observed during October survey. No high terrace grassland habitat in the study area.
Hispid bird's-beak	<i>Cordylanthus mollis</i> ssp. <i>hispidus</i>	--/--/ CNPS1B.1	Meadows and seep, Playas, Valley and foothill grassland/alkaline parasitic on salt grass	June - September	Low – Not observed during October survey. Marginal habitat limited and disturbed. No known or historic populations in the project vicinity.
Roundleaf filaree	<i>Erodium macrophyllum</i>	--/--/CNPS 1B.1	Cismontane woodland, valley and foothill grassland/clay	March-may	None – Not observed during October survey. No clayey soils or natural grassland habitats in the study area.

TABLE 1

Special-Status Species with the Potential to Occur in the Vicinity of the Almond 2 Power Plant

Common Name	Scientific Name	Status	Habitat	Season	Potential to Occur
Diamond-petaled California poppy	<i>Eschscholzia rhombipetala</i>	--/--/CNPS1B.1	Valley and foothill grassland alkaline/clay	March –April	None— Not observed during October survey. No alkaline clay soils in the project area. Plants are known from the central coast foothills outside of the project area.
Delta button celery	<i>Eryngium racemosum</i>	--/CT/CNPS 1B.1	Riparian scrub; 3 - 30 meters elevation.	June - September	None – Not observed during October survey. No riparian scrub habitat in the study area.
Merced monardella	<i>Monardella leucocephala</i>	--/--/CNPS 1A	Extremely sandy, subalkaline soils in low-lying areas bordering rivers.	May – August	Low – Not observed during October survey. Limited, marginal habitat.
Prostrate vernal pool navarretia	<i>Navarretia prostrata</i>	--/--/CNPS1B.1	Valley and foothill grassland, Vernal pools (alkaline)	March-June	None – Not observed during October survey. No vernal pool habitat in the study area.
Colusa grass	<i>Neostapfia colusana</i>	FT/CE/ CNPS 1B.1	Vernal pools.	May - August	None – Not observed during October survey. No vernal pool habitat in the study area. Nearest critical habitat is 14 miles northeast of the project.
San Joaquin Valley orcutt grass	<i>Orcuttia inaequalis</i>	FT/CE/CNPS 1B.1	Vernal pools	April – September	None – Not observed during October survey. No vernal pool habitat in the study area. Nearest critical habitat is 24 miles southeast of project.
Hairy orcutt grass	<i>Orcuttia pilosa</i>	FE/CE/ CNPS 1B.1	Vernal pools.	May - September	None – Not observed during October survey. No vernal pool habitat in the study area. Nearest critical habitat is 21 miles east of the project.
Hartweg's golden sunburst	<i>Pseudobahia bahiifolia</i>	FE/CE/CNPS 1B	Open grasslands and grasslands at the margins of blue oak woodland, primarily on shallow, well-drained, fine-textured soils, nearly always on the north or northeast facing of Mima mounds or cut banks. Often in grazed areas.	March - April	None – Not observed during October survey. No high terrace grassland habitat in the study area.
Sanford's arrowhead	<i>Sagittaria sanfordii</i>	-/-/ CNPS1B.2	Marshes and swamps (assorted shallow freshwater)	May-October	Low – Not observed during October survey. Limited potentially suitable habitat found in larger vegetated agricultural drainage ditches.

TABLE 1

Special-Status Species with the Potential to Occur in the Vicinity of the Almond 2 Power Plant

Common Name	Scientific Name	Status	Habitat	Season	Potential to Occur
Greene's tuctoria	<i>Tuctoria greenei</i>	FE/ CNPS 1B.1	Vernal pools.	May - July	None – Not observed during October survey. No (vernal pool) habitat in the survey area. The species has been extirpated from Fresno, Madera, San Joaquin, Stanislaus and Tulare Counties. Nearest critical habitat is 15 miles northeast of the project.

Attachment 1

Plants observed during within the Almond 2 power plant facilities area, preferred alignment and transmission corridors October 2009

Family	Scientific Name	Common Name
<i>Alismataceae</i>		
	Sagittaria latifolia	broad-leaf arrowhead
<i>Amaranthaceae</i>		
	Amaranthus palmeri	Palmer's amaranth
<i>Asteraceae</i>		
	Centaurea maculosa	spotted knapweed
	Centaurea solstitialis	yellow star-thistle
	Cirsium vulgare	bull thistle
	Conyza canadensis	Canada horseweed
	Eclipta prostrata	false daisy
	Grindelia camporum	Great Valley gumweed
	Helianthus annuus	common sunflower
	Hemizonia pungens ssp. pungens	common tarweed
	Heterotheca grandiflora	telegraph weed
	Picris echioides	bristly ox-tongue
	Senecio vulgaris	common groundsel
	Silybum marianum	milk thistle
	Sonchus asper ssp. asper	prickly sow thistle
	Xanthium spinosum	spiny cocklebur
	Xanthium strumarium	cocklebur
<i>Azollaceae</i>		
	Azolla filiculoides	mosquito fern
<i>Boraginaceae</i>		
	Amsinckia menziesii var. intermedia	orange-flowered Menzies' fiddleneck
	Heliotropium curassavicum	seaside heliotrope
<i>Brassicaceae</i>		
	Barbarea orthoceras	American rocket
	Brassica nigra	black mustard
	Cardamine oligosperma	Idaho bittercress
	Lepidium latifolium	broad-leaved pepper- grass
	Raphanus sativus	wild radish
<i>Chenopodiaceae</i>		
	Allenrolfea occidentalis	iodine-bush
	Atriplex fruticulosa	ball saltbush
	Atriplex heterosperma	two-scale saltbush
	Atriplex lentiformis	big saltbush
	Atriplex triangularis	spearscale

Family	Scientific Name	Common Name
	Bassia hyssopifolia	five-horn bassia
	Chenopodium album	white goosefoot
	Chenopodium ambrosioides	Mexican tea
	Salsola kali	
	Suaeda moquinii	bush seepweed
Convolvulaceae		
	Convolvulus arvensis	field bindweed
Cucurbitaceae		
	Cucurbita foetidissima	calabazilla
Cuscutaceae		
	Cuscuta californica var. californica	California dodder
Cyperaceae		
	Cyperus eragrostis	tall flatsedge
	Cyperus strigosus	false nutsedge
	Eleocharis macrostachya	common spikerush
Euphorbiaceae		
	Eremocarpus setigerus	turkey mullein
Fabaceae		
	Melilotus alba	white sweetclover
	Melilotus officinalis	yellow sweetclover
Fagaceae		
	Quercus lobata	Valley oak
Frankeniaceae		
	Frankenia salina	alkali heath
Juncaceae		
	Juncus mexicanus	Mexican rush
Lamiaceae		
	Marrubium vulgare	horehound
Liliaceae		
	Asparagus officinalis ssp. officinalis	asparagus
Malvaceae		
	Abutilon theophrasti	velvet-leaf
	Malva parviflora	cheeseweed
	Malvella leprosa	alkali mallow
Moraceae		
	Morus alba	mulberry
Onagraceae		
	Epilobium brachycarpum	autumn willowweed
	Epilobium ciliatum	willowherb
	Ludwigia peploides	floating water-primrose
Poaceae		
	Aira caryophylllea	silver hairgrass
	Avena barbata	slender wild oats

Family	Scientific Name	Common Name
	Avena sativa	common oats
	Bromus diandrus	ripgut brome
	Bromus hordeaceus	soft chess
	Cynodon dactylon	bermuda grass
	Distichlis spicata	saltgrass
	Echinochloa crus-galli	barnyard grass
	Hordeum murinum ssp. leporinum	foxtail barley
	Leptochloa fascicularis	sprangletop
	Paspalum dilatatum	dallis grass
	Paspalum distichum	knot grass
	Sorghum halepense	johnsongrass
	Vulpia myuros	rattail fescue
Polygonaceae		
	Polygonum arenastrum	common knotweed
	Polygonum hydropiper	marsh pepper
	Polygonum persicaria	lady's thumb
	Rumex acetosella	common sheep sorrel
	Rumex crispus	curly dock
	Rumex pulcher	fiddle dock
Pontederiaceae		
	Eichhornia crassipes	water hyacinth
Rubiaceae		
	Galium aparine	common bedstraw
Salicaceae		
	Populus fremontii ssp. fremontii	Fremont cottonwood
	Salix babylonica	weeping willow
	Salix exigua	sandbar willow
	Salix gooddingii	Goodding's black willow
	Salix lasiolepis	arroyo willow
	Salix lucida ssp. lasiandra	shining willow
Simaroubaceae		
	Ailanthus altissima	tree-of-heaven
Solanaceae		
	Datura wrightii	toluaca
	Nicotiana glauca	tree tobacco
	Solanum americanum	common nightshade
Typhaceae		
	Typha latifolia	broadleaf cattail
Urticaceae		
	Urtica dioica ssp. holosericea	hoary nettle
Verbenaceae		
	Phyla nodiflora	common lippia
Vitaceae		
	Vitis vinifera	cultivated grape

Family	Scientific Name	Common Name
<i>Zannichelliaceae</i>	Zannichellia palustris	horned pondweed
<i>Zygophyllaceae</i>	Tribulus terrestris	puncture-vine

Appendix F
Cultural Resources Survey

Appendix F

Turlock Irrigation District Almond 2 Power Plant: Cultural Resource Survey of Preferred Gas Line Alignment



Prepared for

WATER & POWER
Serving Central California since 1887

November 2009

CH2MHILL
2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

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Exhibit

F-1 Literature Search Results

SECTION 1

Introduction

Turlock Irrigation District (TID) is proposing to construct a gas-fired electrical generating station identified as the Almond Power Plant 2 (A2PP). The approximately 4.6-acre subject property is located north of the existing Almond Power Plant at 4500 Crows Landing Road in Ceres, Stanislaus County, California. The subject site is currently undeveloped. North of and adjacent to the site is an unlined stormwater detention basin that receives stormwater drainage from the parking lot of the WinCo Foods (WinCo) facility, located to the northwest and west of the site.

Surrounding land use consists of industrial development and agriculture. The site is in a largely industrial area of Ceres. North of the site is the described stormwater detention basin, and beyond that is a ditch and Stanislaus Farm Supply. South of the site is a stormwater detention basin and the existing Almond Power Plant. West of the site is the 700,000-square foot WinCo grocery and perishable distribution center. To the east, the site is bounded by railroad tracks and a modular building sales facility.

The A2PP will require construction of a natural gas pipeline which will interconnect to the Pacific Gas and Electric Company (PG&E) high-pressure natural gas pipeline #215, located south of the project site on Bradbury Road. Natural gas will be provided via an approximately 11.6-mile-long gas line that runs south along paved roads, unpaved farm roads, and property lines to PG&E Line #215 located in Bradbury Road. This natural gas line is referred to as the "Preferred Alignment." In addition, PG&E needs to reinforce natural gas pipeline Line #215. The reinforced segment, also referred to as Segment 1, is a 1.8-mile-long reinforcement located along Prune Avenue on the western side of the San Joaquin River.

1.1 Purpose

CH2M HILL conducted an archival literature search and intensive pedestrian cultural resources survey of the Preferred Alignment¹ and Segment 1 in support of the TID A2PP. The purpose of the field survey was to identify and evaluate historic and prehistoric cultural resources in the survey area. A literature search of the Preferred Alignment and Segment 1 was prepared from the archives of the Central California Information Center (CCIC) of the California Historical Resources Information System (CHRIS). The field survey was completed by CH2M HILL from September 22 to September 24, 2009. Figures F-1 through F-4 show the area included in the field survey for prehistoric and historic cultural resources. This report presents a summary of the findings.

¹ The Preferred Alignment consists of six segments, A through F.

Summary of Results

2.1 Archival Research

CH2M HILL commissioned a literature search for the Preferred Alignment and Segment 1 from staff of the CHRIS CCIC using a definition of a 0.5-mile buffer zone around the Preferred Alignment and Segment 1. Exhibit F-1 provides a listing of resources provided by CHRIS CCIC. The CHRIS literature and records review included a review of all recorded archaeological sites as well as all known cultural resource survey and excavation reports. The review included the National Register of Historic Places (NHRP), the California Register of Historical Resources (CRHR), California Historical Landmarks, and California Points of Historical Interest, and historical maps, including a Government Land Office (GLO) plat map for T6N, R9E (1853) T5N, R9E (1853-1854), and T4N, R9E (1853-1854); the 1941 *Modesto West, California* 15' U.S. Army Corps of Engineers map; the 1947 *Orestimba, California* 15' U.S. Army Corps of Engineers map; the 1952 *Crow's Landing, California*, 7.5' U.S. Geological Survey (USGS) topographic map; and the 1953 *Brush Lake, California*, 7.5' USGS topographic map. State and local listings were consulted for the presence of historic buildings, structures, landmarks, points of historical interest, and other cultural resources.

According to information available in the CHRIS files, sixteen previous cultural resource studies, primarily cultural resource survey reports, have been prepared within the Preferred Alignment and Segment 1 and an additional eight studies have been prepared within 0.5 mile of the Preferred Alignment (see Table F-1 for specific coverage of the Preferred Alignment).

Two previously recorded cultural resources are located within the Preferred Alignment and Segment 1 (see Table F-1). The first is a recorded section of the TID Lower Lateral No. 2, P-50-000073, and the other is a recorded section of the Tidewater-Southern Railway, P-50-000083. Neither resource is considered eligible for listing on the NRHP (Daly, 2009a and 2009b). There are no historic districts, cultural landscapes, or NRHP-listed or eligible properties within the search radius, according to the results of the records and literature search.

The literature search did not identify any significant cultural constraints in the Preferred Alignment and Segment 1. There are no known NRHP-eligible or CRHR-eligible cultural resources in the Preferred Alignment and Segment 1. Several of the proposed lines have been previously surveyed, according to the results of the literature search.

Extant site types noted in the Preferred Alignment and Segment 1 include historic water conveyance features and one historic railroad. These historic features, however, are in use and will not be affected by the Preferred Alignment and Segment 1 construction or operation. Portions of two of the proposed gas line segments (Segment 1 and Segment F) are located in areas near a permanent water source, the San Joaquin River. As mentioned above, each of these three areas has been previously surveyed and no sites were found during those surveys.

TABLE F-1
Summary of Archival Research

PG&E Preferred Alignment Segment Number	Previously Surveyed	Previously Recorded Cultural Sites	Historic Features Observed during Reconnaissance Visit	Possible Environmental Constraints
1	100 percent surveyed	None	None	Adjacent to a creek
A	100 percent surveyed	TID Lateral No. 2 Tidewater Southern Railway	TID Lateral No. 2 Tidewater Southern Railway	None
B	Less than 5 percent surveyed	None	TID Lateral No. 2 TID Lateral No. 2 ½ TID Lateral No. 3	None
C	No	None	None	None
D	Less than 5 percent surveyed	None	None	None
E	No	None	TID Lateral No. 4 TID Lateral No. 4 ½ TID Lateral No. 5/ Harding Drain	None
F	Approximately 60 percent surveyed	None	TID Lateral No. 5/ Harding Drain Prairie Flower Drain	A portion of this segment is proposed approximately 1,000 feet from the San Joaquin River

Source: CCIC, CHRIS

Based on the available literature and the reconnaissance surveys, potential impacts to cultural resources are not considered significant for the Preferred Alignment and Segment 1 examined, and are unlikely to represent a substantive constraint during project implementation.

2.2 Field Survey

From September 22 to September 24, 2009, CH2M HILL conducted an intensive pedestrian field survey of the Preferred Alignment and Segment 1.

Portions of the Preferred Alignment and Segment 1 follow existing roadways. For these portions, the survey included a 100-foot-wide corridor on both sides of the roadway. For all other portions of the Preferred Alignment and Segment 1 not following existing roads, a 100-foot-wide corridor was surveyed; 50 feet on both sides of the centerline. The Preferred Alignment and Segment 1 are located in an agricultural area with many farm compounds and fields in various states of cultivation. Most fields were plowed and open; some were planted and offered limited or no visibility.

Visibility for the survey ranged from excellent along paved roads to poor within agricultural fields. Portions of the Preferred Alignment and Segment 1 are proposed through active agricultural fields and visibility in these areas is less than 30 percent. Areas within orchards situated along dirt and paved roads had excellent visibility at nearly 100 percent. The areas along the Preferred Alignment and Segment 1 are disturbed by transmission lines, underground gas lines, grading for paved and dirt roads, building construction, or parking. Underground irrigation pipe, which replaced the historic community ditches that connected the TID laterals bisecting the Preferred Alignment and Segment 1, are extant along most of the Preferred Alignment and Segment 1; relief standpipes and gate structures to control water flow were visible along the Preferred Alignment and Segment 1. Areas west of the San Joaquin River were heavily disturbed by residences. Observed soils range from medium to dark brown loamy sand.

No cultural resources were observed as a result of the pedestrian field survey of the Preferred Alignment and Segment 1. There are no known NRHP-eligible or CRHR-eligible cultural resources in the Preferred Alignment and Segment 1.

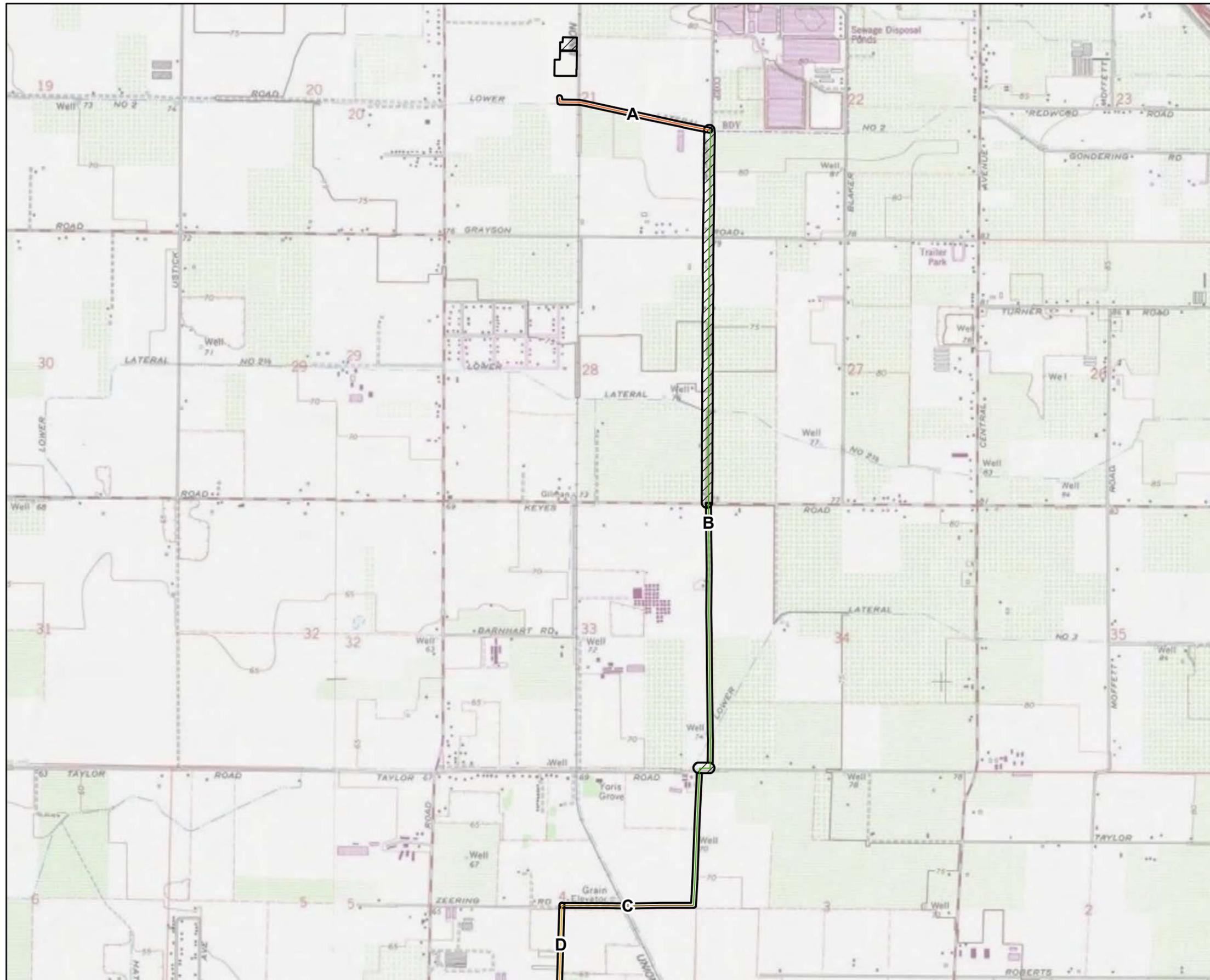
SECTION 3

References

Daly, Pamela. 2009a. *Primary Record Form, P-50-000073, Lower Lateral No. 2, TID*. Document on file, California Historical Resources Information System, Central California Information Center, Stanislaus State University, Turlock.

Daly, Pamela. 2009b. *Primary Record Form, P-50-000083, Tidewater Southern Railway*. Document on file, California Historical Resources Information System, Central California Information Center, Stanislaus State University, Turlock.

Figures



LEGEND

PREFERRED ALIGNMENT

- 1 (Blue line)
- A (Orange line)
- B (Green line)
- C (Yellow line)
- D (Pink line)
- E (Purple line)
- F (Black line)

CULTURAL SURVEY AREAS

- 50 FOOT BUFFER (White box)
- 100 FOOT BUFFER (Hatched box)
- LAYDOWN AREA (Diagonal hatched box)
- PROJECT SITE (Black outline box)

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

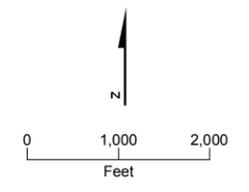
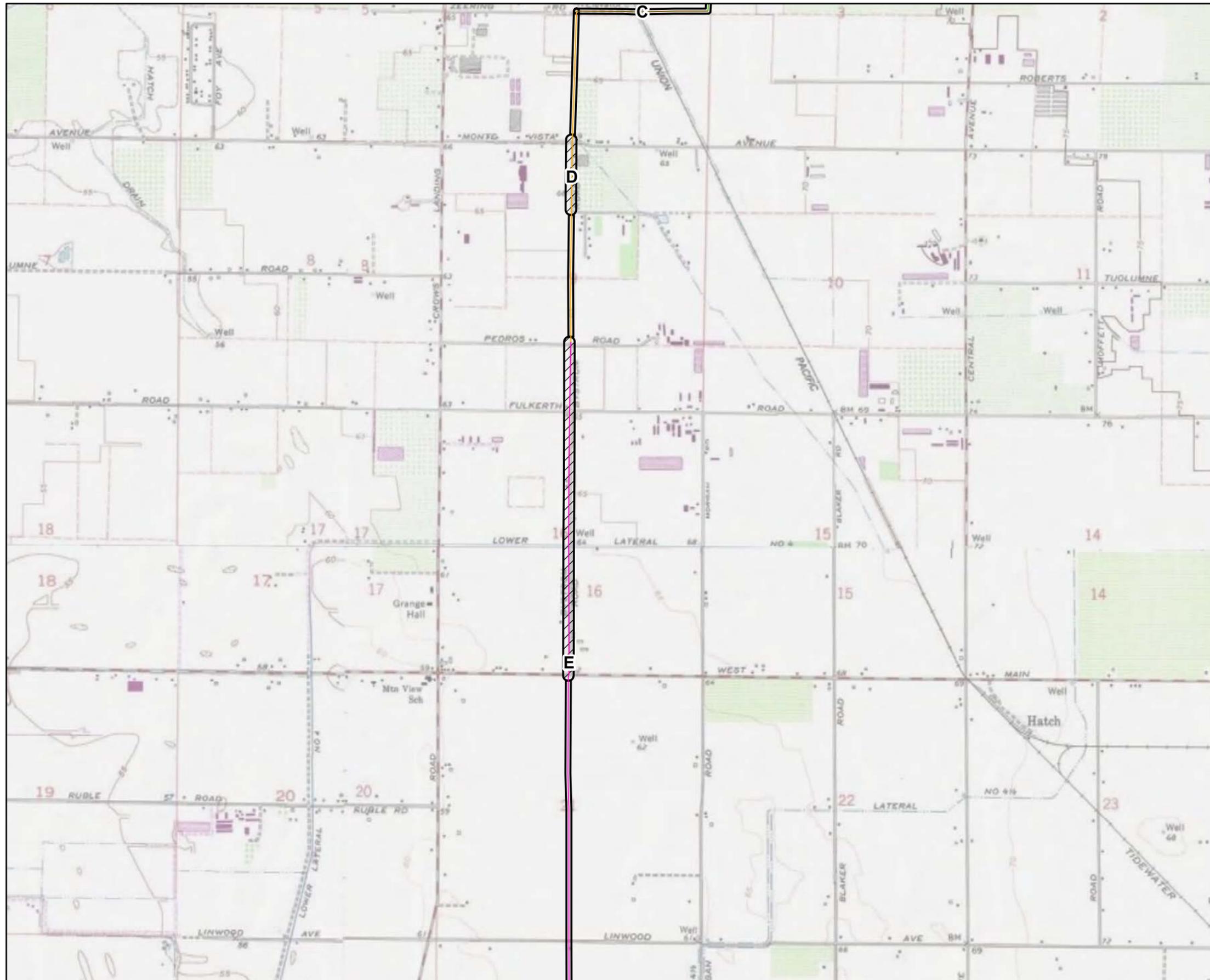


FIGURE F-1
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

CULTURAL SURVEY AREAS

- 50 FOOT BUFFER
- 100 FOOT BUFFER
- LAYDOWN AREA
- PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

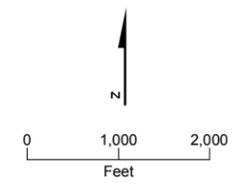
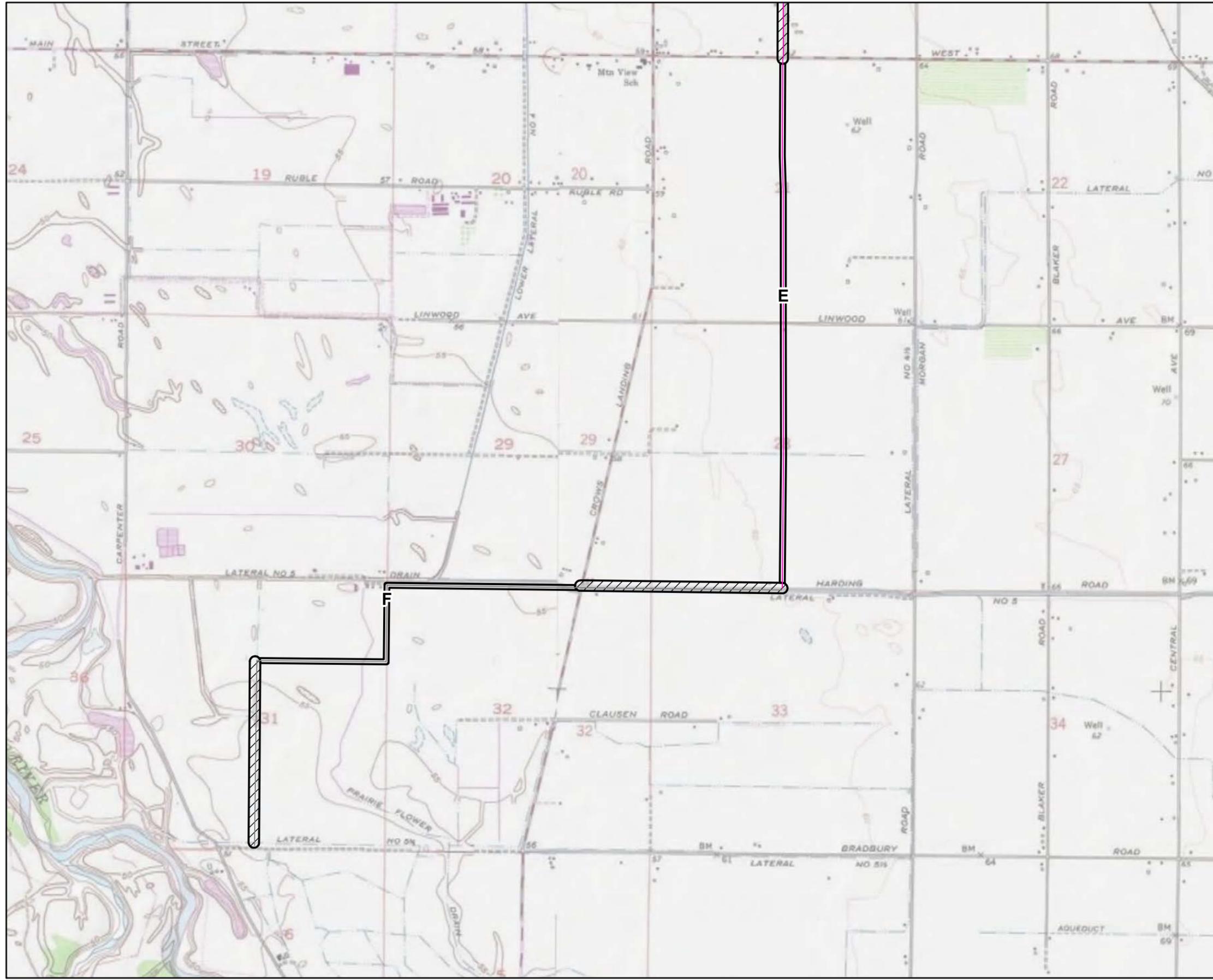


FIGURE F-2
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



LEGEND

PREFERRED ALIGNMENT

- 1
- A
- B
- C
- D
- E
- F

CULTURAL SURVEY AREAS

- 50 FOOT BUFFER
- 100 FOOT BUFFER
- LAYDOWN AREA
- PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

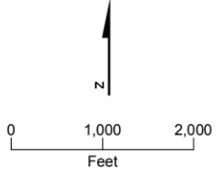


FIGURE F-3
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA



- LEGEND**
- PREFERRED ALIGNMENT**
- 1
 - A
 - B
 - C
 - D
 - E
 - F
- CULTURAL SURVEY AREAS**
- 50 FOOT BUFFER
 - 100 FOOT BUFFER
 - LAYDOWN AREA
 - PROJECT SITE

NOTE: Cultural survey area along roads is 100 feet on either side of the Gas line. In fields it is 50 feet along Gas line.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

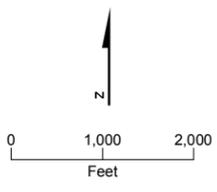


FIGURE F-4
AREAS SURVEYED FOR
CULTURAL RESOURCES ALONG
THE PREFERRED ALIGNMENT
 ALMOND 2 POWER PLANT
 CERES, CALIFORNIA

Exhibit F-1
Literature Search Results



CENTRAL CALIFORNIA INFORMATION CENTER

California Historical Resources Information System

Department of Anthropology – California State University, Stanislaus

One University Circle, Turlock, California 95382

(209) 667-3307 - FAX (209) 667-3324

Alpine, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus & Tuolumne Counties

Date: July 13, 2009

CCIC File #: 7443 N

Project: T.I.D. Almond Energy Center #2,
Additional Search Area (additional possible
gas line corridors)

Natalie Lawson, M.A., RPA
CH2M HILL
6 Hutton Centre Drive, Suite 700
Santa Ana, CA 92707

Dear Ms. Lawson,

We have conducted a Priority Response records search as per your request for the above-referenced project area located on the Brush Lake, Ceres, Hatch, and Crows Landing USGS 7.5-minute quadrangle maps in Stanislaus County.

Search of our files includes review of our maps for the specific project area and a one-half-mile radius of the project area (as specified by the client), and review of the National Register of Historic Places, the California Register of Historical Resources, the *California Inventory of Historic Resources* (1976), the *California Historical Landmarks* (1996), and the *California Points of Historical Interest* listing (May 1992 and updates), the Directory of Properties in the Historic Property Data File and the Archaeological Determinations of Eligibility (Office of Historic Preservation current computer lists dated 05-28-2009 and 04-30-2009), the *Survey of Surveys* (1989), GLO Plats, and other pertinent historic data available at the CCIC for each specific county.

The following pages detail the results of the records search:

(Please note that the Caltrans Local and State Agency Bridges—Historical Significance lists have not been consulted as the most current lists are available online on the Caltrans web page).

Prehistoric or historic resources within the project area:

- No prehistoric or historic archaeological resources have been reported to the Information Center.
- Other recorded historic features; copies of records attached:
 - (1) P-50-000073 CA-STA-000426H Recently-recorded segment of T.I.D. Lower Lateral No. 2 (this record combines several different components of the T.I.D. system, which should have been recorded separately and been given different Primary Numbers; P-50-000073 was formerly assigned to only the Ceres Main Canal). Not considered eligible, by consultant.

- (2) P-50-000083 CA-STA-000425H Recently-recorded segment of the Tidewater-Southern Railway. Not considered eligible, by consultant.

Note: in record search #7271N I indicated that the T-S Railway was not found in the Stanislaus County HPDF. This was in error. An evaluation for a segment of this line is on p. 5 of the current HPDF (not eligible); segment in vicinity of 9th Street (I do not know off-hand if we have a record for this segment). Judging by the date of the evaluation, it was probably on the previous edition of the printout.

Otherwise, I did not find any listings in the HPDF for this search area.

- Other canal information: Subsequent to the previous searches, we have received no new information regarding T.I.D. Lower Laterals:
 - 2 ½
 - 3
 - 3 ½ (is there one?)
 - 4
 - 4 ½
 - 5
 - 5 Drain

Or: Prairie Flower Drain, and P.I.D. Laterals G and H.

- Historic maps: The following maps are pertinent to the project and/or search area, but were already copied for one or the other of the previous record searches (see those for details); no new copies attached:

GLO Plat maps:	T4S/R9E	Sheet #44-244	1853-1854
	T5S/R8E	Sheet #44-321	1853-1868
	T5S/R9E	Sheet #44-322	1853-1854
	T6S/R8E	Sheet #44-398	1853-1859
	“ “	Sheet #44-399	1853-1861
	T6S/R9E	Sheet #44-400	1853

1953 Brush Lake USGS 7.5'
 1941 Modesto West U.S. Army Corps of Engineers 15' (1:62500)
 1952 Crows Landing USGS 7.5'
 1947 Army Map Service Copy (1:50,000) of the 1940 Army Map Service
 Orestimba 15' (1:62500)
 (we still do not have any older Ceres or Hatch USGS 7.5' maps or their 15'
 counterparts to send you)

Other historic information: The material we previously sent from *Annals of Stanislaus County, Volume I: River Towns and Ferries* (Brotherton 1982:31), regarding way stations along Crows Landing Road, also applies to this new search area.

Other parts of this book that concern the San Joaquin River area may also be pertinent to the search area; I would recommend that you obtain a copy of this book for your files.

Prehistoric or historic resources within a one-half-mile radius of the project area:

One prehistoric site has been reported to the Information Center; record attached; no evaluation found on file; no associated report on file:

P-50-000218 CA-STA-000133 Occupation and burial site

No historic archaeological resources or historic properties reported.

Resources known to have value to local cultural groups:

None have been formally reported to the CCIC.

Previous investigations within the project area:

16 have been reported to the Information Center—full report copies attached for those not received with previous record searches (CCIC #7271N & 7335N) for the Almond Energy Center #2 project; title pages are attached for those you already have on file (*):

CCIC report #	Author/Date
ST-656	Bureau of Reclamation Office of Environmental Quality (1983)
859*	Chavez (1976)
908*	Napton (1989)
915*	Napton (1991)
1451*	Napton (1992)
1733	True, Bouey, and Basgall (1981)

CCIC report #	Author/Date
ST-1966*	Jones & Stokes (1990)
3155	Shapiro and Syda (1997)
3248*	Peak & Associates (1997)
3567	Deitz (1999)
3630*	Nave (1999)
5060*	Balioan (2003)
5115*	Davis-King (2003)
5254*	Davis-King (2004)
5882	Billat (2005)
6977	Arrington, Harrington, and Daly (2009)

Previous investigations within a one-half-mile radius of the project area:

Eight reported to the Information Center: (reports received with the previous searches *):

CCIC report #	Author/Date	
ST-839*	Werner (1986)	¼-mile; on file with requestor; title attached
860	Clark (1988)	title attached
2743	Self (1995)	¼-mile; full report attached
3158	Shapiro (1997)	title attached
3848*	Davis-King (2000)	on file with requestor; title attached
3851	Davis-King (2000)	title attached
5237	Losee (2003)	title attached
5554*	Billat (2004)	on file with requestor; title attached

Comments:

In accordance with State law, if any historical resources are found during project-related activities, work is to stop and the lead agency and a qualified professional are to be consulted to determine the importance and appropriate treatment of the find.

We understand that you will be conducting an archaeological survey of the proposed project that is the subject of this records search. We look forward to receiving one copy of your report of findings which should include two copies each of site records for all historical resources.

We thank you for contacting this office regarding historical resource preservation. Please let us know when we can be of further service. Please sign and return the attached Access Agreement form.

A copy of the invoice is attached; however, the original invoice has been sent directly to the CH2M HILL Accounts Payable office in Denver, Colorado, as previously instructed by Ms. Ashley Oliver-Sharaky of the CH2M HILL office in Sacramento.

Sincerely,



Robin Hards, Assistant Research Technician
Central California Information Center
California Historical Resources Information System

Appendix G
Soil Impact Loss Calculations

Table 5.11-3. Estimate of Soil Loss by Water Erosion Using Revised Universal Soil Loss Equation (RUSLE2)

Feature (acreage) ²	Activity	Duration (months)	Estimates Using Revised Universal Soil Loss Equation ¹		
			Soil Loss (tons) without BMPs	Soil Loss (tons) with BMPs	Soil Loss (tons/yr) No Project
Project Site (4.60 acres)	Grading	2	0.84	0.0010	0.0078
	Construction	12	0.22	0.0061	-
Laydown Area (1.85 acres) (0.925 acres exposed; 0.925 paved or gravelled)	Grading	1	0.28	0.0017	0.0043
	Construction	12	0.74	0.020	-
Transmission Lines					
Corridor 1 (1.56 acres for construction; 0.0066 acre for pole footprints)	Grading	2	0.0016	0.0045	0.0000
	Construction	4	0.33	0.0090	-
Corridor 2 (2.16 acres for construction; 0.0092 acre for pole footprints)	Grading	2	0.0023	0.0065	0.0000
	Construction	4	0.47	0.013	-
Corridor 3 (0.00 acre for construction; 0.00 acre for pole footprints) - Reconductoring only	Grading	0	0.0000	0.0000	0.0000
	Construction	0	0.000	0.0000	-
Natural Gas Lines					
Final Route (Segments A, C, F, H, J, L) (140 acres for construction; 5.60 acres for trench)	Grading	6	2.6816	0.3952	0.0123
	Construction	6	14.1405	0.3952	-
Alternative 1 (21.55 acres for construction; 0.86 acre for trench)	Grading	6	0.31	0.05	0.0012
	Construction	6	1.66	0.05	-
Alternative 2 (44.21 acres for construction; 1.77 acres for trench)	Grading	6	0.83	0.12	0.0030
	Construction	6	4.35	0.12	-
Project Soil Loss Estimates - Final + Alternative 1		12	21.66	0.94	0.03
Project Soil Loss Estimates - Final + Alternative 2		12	24.87	1.10	0.03

Notes:

- Soil losses (tons/acre/year) are estimated using RUSLE2 software available online [http://fargo.nserl.purdue.edu/rusle2_dataweb/].
 - The soil characteristics were estimated using RUSLE2 soil profiles corresponding to the mapped NRCS soil unit.
 - Soil loss (R-factors) were estimated using 2-year, 6-hour point precipitation frequency amount for the Almond Power Plant 2 project site found at [<http://www.nws.noaa.gov/ohd/hdsc/noaaatlas2.htm>].
 - Estimates of actual soil losses use the RUSLE2 soil loss times the duration and the affected area. The No Project Alternative estimate does not have a specific duration so loss is given as tons/year.
- Acreages assume 30-ft corridors for the transmission lines and 100-ft corridors for the natural gas pipeline construction. Trenches for the natural gas pipeline are assumed to be 4 ft wide. The transmission line pole holes will each have a 4-ft by 4-ft excavation footprint.

Other Project Assumptions as follows:

- It is assumed that 100% of the Almond Power Plant 2 project site and laydown area will be exposed during grading, and approximately 10% of the site will be bare soil during construction.
- It is assumed that grading the site will take 2 months and construction will take 12 months.
- It is assumed that grading for the laydown area will take 1 month and the area will be covered (gravelled or paved) immediately thereafter.
- It is assumed that soil loss will be negligible from the laydown area once it is covered.
- It is assumed that the natural gas pipeline will be installed within a 4-ft-wide trench and a 100-ft construction corridor along existing roadways.
- It is assumed that the natural gas pipeline will take 6 months to construct and will take another 2 months before permanent cover is established.
- The overhead transmission lines will have poles outside of the project footprint. Each pole will have a 4-ft by 4-ft footprint.
- It is assumed that the grading/excavation for the transmission line poles will be completed within 2 months and the entire installation will be completed within 4 months.
- The water and sewer lines will be completed on-site, so no additional soil losses are estimated for them.

RUSLE2 Assumptions as follows:

- 100-ft slope length. Estimated soil unit slope is the midpoint of the minimum and maximum of the unit slope class.
- Construction** soil losses assume the following inputs: Management - Bare ground; Contouring - None, rows up and down hill; Diversion/terracing - None; Strips and Barriers - None.
- Grading** soil losses assume the following inputs: Management - Bare ground/rough surface; Contouring - None, rows up and down hill; Diversion/terracing - None; Strips and Barriers - None.
- Construction with BMP** soil losses assume the following inputs: Management - Silt fence; Contouring - Perfect, no row grade; Diversion/terracing - None; Strips and Barriers - Two fences, one at end of RUSLE slope.
- No Project** soil losses assume the following inputs: Management - Dense grass, not harvested; Contouring - None, rows up and down hill; Diversion/terracing - None; Strips and Barriers - None.

Soil Type	Acreeage		Soil Loss Estimates Using RUSLE2 software (tons/ac/year)			
Site		Slope	Grading	Construction w/o BMPs	Construction with BMPs	No Project
HdA	1.5	1.5	1.8	0.80	0.022	0.0023
HdpA	3.1	0.5	0.76	0.32	0.0091	0.0014
	4.6	Subtotal	5.06	0.219	0.006	0.0078
Laydown Area						
HdA	1.85	1.5	1.8	0.80	0.022	0.0023
	0.93	Subtotal	3.33	0.74	0.020	0.0043
Transmission Lines						
Corridor 1 (Circuit 1)						
HdA	0.0042	1.5	1.8	0.80	0.022	0.0023
HdpA	0.0024	0.5	0.76	0.32	0.0091	0.0014
	1.56	Subtotal	0.009	0.975	0.027	0.0000
Corridor 2 (Circuit 2)						
HdA	0.0064	1.5	1.8	0.80	0.022	0.0023
HdpA	0.0023	0.5	0.76	0.32	0.0091	0.0014
DrA	0.0006	0.5	0.88	0.37	0.010	0.0016
	2.16	Subtotal	0.014	1.415	0.039	0.00002
Corridor 3 (Reconductored Line)						
DrA	NA	0.5	0.88	0.37	0.010	0.0016
HdA	NA	1.5	1.8	0.80	0.022	0.0023
HdpA	NA	0.5	0.76	0.32	0.0091	0.0014
HdsA	NA	0.5	0.76	0.32	0.0091	0.0014
TuA	NA	1.5	1.2	0.50	0.014	0.0014
		Subtotal	0.000	0.000	0.000	0.000
Natural Gas Lines						
Final Route						
DrA	1.14	0.5	0.88	0.37	0.010	0.0016
DwA	1.66	0.5	1.0	0.42	0.012	0.0018
FrA	0.23	0.5	1.0	0.42	0.012	0.0018
FsA	0.40	0.5	1.0	0.42	0.012	0.0018
FtA	0.20	0.5	1.0	0.42	0.012	0.0019
FuA	0.05	0.5	1.0	0.42	0.012	0.0019
FwA	0.14	0.5	1.0	0.42	0.012	0.00185
HdA	0.25	1.5	1.8	0.80	0.022	0.0023
HddA	0.07	0.5	0.76	0.32	0.0090	0.0014
HdpA	0.26	0.5	0.76	0.32	0.0091	0.0014
HfA	0.09	0.5	0.59	0.24	0.0068	0.0010
HkbA	0.20	0.5	0.59	0.24	0.0068	0.0010
TpA	0.04	0.5	1.0	0.43	0.012	0.0018
TuA	0.03	1.5	1.2	0.50	0.014	0.0014
WaA	0.13	0.5	0.88	0.37	0.010	0.0016
WbA	0.74	0.5	0.88	0.37	0.010	0.0016
	70.00	Subtotal	5.36	28.28	0.79	0.0123
Alternative 1						
101	0.38	0.5	0.54	0.24	0.0067	0.0011
170	0.05	0.5	0.84	0.36	0.01	0.0017
175	0.06	0.5	0.84	0.36	0.01	0.0017
131	0.37	0.5	0.9	0.36	0.010	0.0017
	10.78	Subtotal	0.61	3.31	0.09	0.0012
Alternative 2						
DwA	0.53	0.5	1.0	0.42	0.012	0.0018
FtA	0.07	0.5	1.0	0.42	0.012	0.0019
FwA	0.37	0.5	1.0	0.42	0.012	0.00185
RkA	0.13	0.5	0.7	0.31	0.0089	0.0015
WaA	0.23	0.5	0.88	0.37	0.010	0.0016
WbA	0.21	0.5	0.88	0.37	0.010	0.0016
WdA	0.23	0.5	0.88	0.37	0.010	0.0016
	1.77	Subtotal	1.65	8.69	0.24	0.0030

Assumptions:

Assumes slope is the mid-point of the slope class

100% of project site would be bare soil during grading.

100% of transmission pole holes and trench areas will be bare soil during grading/excavation.

Assumes 50% of transmission line and natural gas pipeline corridors are currently unprotected.

It is assumed that transmission line poles will be placed every 250 ft along the transmission corridor.

Transmission pole impact area assumes a 4 ft by 4 ft footprint times the number of poles.

Transmission line construction impacts based on a 100 ft corridor along entire length.

The No Project soil loss assumes a 'dense grass, not harvested' management scenario.

Table 5.11-4. Estimate of Total Suspended Particulates (TSP) Emitted from Grading and Wind Erosion

Emission Source	Acreage	Duration (months)	Unmitigated TSP (tons)	Mitigated TSP (tons)
Grading Dust:				
Project Site	4.60	2	0.158	0.055
Laydown Area	1.85	1	0.032	0.011
<i>Natural Gas Pipeline (4 ft trench)</i>				
Final Route (Segments A, C, F, H, J, L)	5.60	6	0.578	0.202
Alternative 1	0.86	6	0.089	0.031
Alternative 2	1.77	6	0.182	0.064
<i>Transmission Line Pole Holes</i>				
Corridor 1	0.007	2	0.0002	0.0001
Corridor 2	0.009	2	0.0003	0.0001
Corridor 3	0.000	2	0.0000	0.0000
<i>Transmission Line Total</i>	<i>0.016</i>		<i>0.0005</i>	<i>0.0002</i>
Wind Blown Dust:				
Project Site	4.60	10	0.146	0.051
Laydown Area	0.00	11	0.000	0.000
<i>Natural Gas Pipeline Corridor</i>				
Final Route (Segments A, C, F, H, J, L)	70.00	2	4.433	1.552
Alternative 1	10.78	2	0.683	0.239
Alternative 2	22.11	2	1.400	0.490
<i>Transmission Line Corridor</i>				
Corridor 1	1.557	4	0.197	0.069
Corridor 2	2.164	4	0.274	0.096
Corridor 3	0.000	4	0.000	0.000
<i>Transmission Line Total</i>	<i>3.721</i>	<i>4</i>	<i>0.471</i>	<i>0.165</i>
Estimated Total - Final Route + Alternative 1			6.59	2.31
Estimated Total - Final Route + Alternative 2			7.40	2.59

Notes:

All linear feature impacts noted above are for portions outside of the project areas footprint.

Project Assumptions:

Grading for the project site will be completed in a 2 month period and construction will extend an additional 10 months.

Grading for the laydown area will be completed in a 1 month period and the site will be covered (gravelled or paved) immediately.

Approximately 1/10th of the project site will have bare soil exposure during the length of the construction period.

Water and sewer line connections will be made on site.

One of the two natural gas line alternatives will be chosen for this project. Alternative A is 9.11 miles long, and Alternative B is 11.16 miles long.

The natural gas supply line will be installed along roadway rights-of-way in a 4-ft trench with 100-ft construction corridor.

Data Sources:

^a PM10 Emission Factor Source: Midwest Research Institute, South Coast AQMD Project No. 95040, Level 2 Analysis Procedure, March 1996

^b PM10 to TSP Conversion Factor Source: Bay Area Air Quality Management District CEQA Guidelines, Assessing the Air Quality

Impacts of Projects, December 1999.

SCAQMD CEQA Handbook (1993) Table 11-4 for mitigation efficiency rates (as summarized in Table 8.9-4)

Project: TID Almond Power Plant 2
Dust from Wind Erosion - With and Without Mitigation

Reverified 04/07/09 JLK

Grading

PM10 Emission Factor (ton/acre/month)^a 0.011

MRI factor of 0.011 tons/acre/month is based on 168 hours per month of construction activity.
 Fact Sheet, 4/26/2007.

Project Site

Duration (months): 2 Assumes 2 months of active grading.

Site Acreage: 4.60 Assumes 100% of site is graded

PM10 Emitted (tons): 0.10

TSP Emitted (tons)^b: **0.158** assume TSP is 64% PM10

Mitigated TSP Emitted (tons): **0.055** Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Laydown Area

Duration (months): 1 Assumes one month to grade

Site Acreage: 1.85 Assumes 100% of site is graded

PM10 Emitted (tons): 0.02

TSP Emitted (tons)^b: **0.032** Assume TSP is 64% PM10

Mitigated TSP Emitted (tons): **0.011** Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Natural Gas Pipeline Trenches

Final Route (Segments A, C, F, H, J, L)

Duration (months): 6 Assumes 6 months to grade pipeline

Site Acreage: 5.600 Assumes a 4 ft wide trench

PM10 Emitted (tons): 0.3696

TSP Emitted (tons)^b: **0.5775** assume TSP is 64% PM10

Mitigated TSP Emitted (tons): **0.2021** Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Alternative 1

Duration (months): 6 Assumes 6 months to grade pipeline

Site Acreage: 0.862 Assumes a 4 ft wide trench

PM10 Emitted (tons): 0.0569

TSP Emitted (tons)^b: **0.0889** assume TSP is 64% PM10

Mitigated TSP Emitted (tons): **0.0311** Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Alternative 2

Duration (months): 6 Assumes 6 months to grade pipeline

Site Acreage: 1.768 Assumes a 4 ft wide trench

PM10 Emitted (tons): 0.1167

TSP Emitted (tons)^b: **0.1824** assume TSP is 64% PM10

Mitigated TSP Emitted (tons): **0.0638** Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Transmission Line Pole Holes

Corridor 1

Duration (months):	2	Assumes 2 months to grade transmission line
Site Acreage:	0.007	Assumes 18 4 ft by 4 ft pole holes
PM10 Emitted (tons):	0.0001	
TSP Emitted (tons) ^b :	0.0002	Assume TSP is 64% PM10
Mitigated TSP Emitted (tons):	0.0001	Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Corridor 2

Duration (months):	2	Assumes 2 months to grade transmission line
Site Acreage:	0.009	Assumes 25 4 ft by 4 ft pole holes
PM10 Emitted (tons):	0.0002	
TSP Emitted (tons) ^b :	0.0003	Assume TSP is 64% PM10
Mitigated TSP Emitted (tons):	0.0001	Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Corridor 3

Duration (months):	0	Assumes no grading is necessary to reconductor line
Site Acreage:	0.000	Assumes only reconductoring to take place (on existing poles)
PM10 Emitted (tons):	0.0000	
TSP Emitted (tons) ^b :	0.0000	Assume TSP is 64% PM10
Mitigated TSP Emitted (tons):	0.0000	Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Water Line Trench

Duration (months):	0	Assumes on-site construction
Site Acreage:	0.000	
PM10 Emitted (tons):	0.000	
TSP Emitted (tons) ^b :	0.000	Assume TSP is 64% PM10
Mitigated TSP Emitted (tons):	0.000	Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Sewer Line Trench

Duration (months):	0	Assumes on-site construction
Site Acreage:	0.000	
PM10 Emitted (tons):	0.000	
TSP Emitted (tons) ^b :	0.000	Assume TSP is 64% PM10
Mitigated TSP Emitted (tons):	0.000	Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Total Unmitigated TSP Emitted (tons)

1.039

Total Mitigated TSP Emitted (tons)

0.364 Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

^aEmission Factor Source: Midwest Research Institute, South Coast AQMD Project No. 95040, March 1996, Level 2 Analysis Procedure

^b Conversion Factor Source: Bay Area Air Quality Management District (BAAQMD) BAAQMD CEQA Guidelines, Assessing the Air Quality Impacts of Projects and Plans. December 1999

Wind Blown Dust

TSP Emission Factor (ton/acre/year)

0.38 Emission Factor Source: AP-42, Section 11.9 Western Surface Coal Mining Table 11.9-4, January 1995.

Project Site

Acres exposed

4.60

Duration (months)

10 Assumes 10 months of construction (after 2 months of grading)

TSP Emitted for Site (tons):

0.146 Assumes 1/10th of the site is bare soil during 10 month construction period

Mitigated TSP Emitted (tons):

0.051 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Laydown Area

Acres exposed

0.000 Assumes laydown area is completely covered following grading

Duration (months)

11 Assume 11 months for construction period (minus 1 month for grading)

TSP Emitted for Site (tons):

0.000

Mitigated TSP Emitted (tons):

0.000 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Natural Gas Pipeline

Final Route (Segments A, C, F, H, J, L)

Acres exposed

70.00 Assumes 11.55 mile pipeline with 100 ft construction corridor along side of road

Duration (months)

2 Assumes 2 months after excavating trench that permanent cover (revegetation, paving, etc) is established

TSP Emitted for Site (tons):

4.433

Mitigated TSP Emitted (tons):

1.552 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Alternative 1

Acres exposed

10.78 Assumes 1.78 mile pipeline with 100 ft construction corridor along side of road

Duration (months)

2 Assumes 2 months after excavating trench that permanent cover (revegetation, paving, etc) is established

TSP Emitted for Site (tons):

0.683

Mitigated TSP Emitted (tons):

0.239 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Alternative 2

Acres exposed

22.106 Assumes 3.65 mile pipeline with 100 ft construction corridor along side of road

Duration (months)

2 Assumes 2 months after excavating trench that permanent cover (revegetation, paving, etc) is established

TSP Emitted for Site (tons):

1.400

Mitigated TSP Emitted (tons):

0.490 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Transmission Line Corridor

Corridor 1

Acres exposed

1.557 Assumes only 50% of construction corridor is exposed soil

Duration (months)

4.0

TSP Emitted for Site (tons):

0.197

Mitigated TSP Emitted (tons):

0.069 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Corridor 2

Acres exposed

2.164 Assumes only 50% of construction corridor is exposed soil

Duration (months)

4.0

TSP Emitted for Site (tons):

0.274

Mitigated TSP Emitted (tons):

0.096 Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Corridor 3

Acres exposed 0.000 Assumes only 50% of construction corridor is exposed soil

Duration (months) 4.0

TSP Emitted for Site (tons): **0.000**

Mitigated TSP Emitted (tons): **0.000** Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Water Line Corridor

Acres exposed 0.000 Assumes on-site construction

Duration (months) 0

TSP Emitted for Site (tons): **0.000**

Mitigated TSP Emitted (tons): **0.000** Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Sewer Line Corridor

Acres exposed 0.000 Assumes on-site construction

Duration (months) 0

TSP Emitted for Site (tons): **0.000**

Mitigated TSP Emitted (tons): **0.000** Assume 65% reduction in TSP with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Total (tons) without mitigation 7.133

Total (tons) with mitigation 2.497 Assume 65% reduction in PM10 with watering thrice daily per SCAQMD CEQA Handbook (1993) Table 11-4

Project: TID Almond Power Plant 2 - Jenny Krenz input for areas on 02/25/09 - subject to revision

OBJECTID	AREASYMBOL	Length (miles)	Length (feet)	Acres	Acreage_tot		
Almond Power Plant 2 Site	HdA			1.50	1.50	Acreage received from Mike Haskell (04/07/09).	
	HdpA			3.10	3.10	Acreage received from Mike Haskell (04/07/09).	
				Sum	4.60		
					0.15	Assumes only 10% of site is bare soil during construction	
Laydown Area	HdA			1.85	1.85	Sarah Madams e-mail 4/9/09 - leave acreage as 1.85.	
				Sum	0.925	Assumes 50% of site is bare soil during construction	
Natural gas pipeline - trench (Segments A, C, F, H, J, L) FINAL ROUTE	DrA	2.35	12394	1.14	1.14	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	DwA	3.41	18026	1.66	1.66	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FRA	0.47	2481	0.23	0.23	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FsA	0.82	4304	0.40	0.40	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FIA	0.41	2168	0.20	0.20	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FuA	0.11	557	0.05	0.05	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FwA	0.29	1512	0.14	0.14	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	HdA	0.51	2682	0.25	0.25	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	HddA	0.14	757	0.07	0.07	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	HdpA	0.54	2877	0.26	0.26	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	HfA	0.19	1018	0.09	0.09	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	HkbA	0.40	2132	0.20	0.20	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	TpA	0.07	395	0.04	0.04	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	TuA	0.05	273	0.03	0.03	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	WaA	0.26	1395	0.13	0.13	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	WbA	1.52	8017	0.74	0.74	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
			11.55			5.60	Assumes 100% exposed during construction
	Natural gas pipeline - corridor (Segments A, C, F, H, J, L) FINAL ROUTE	DrA	2.35	12394	28.45	28.45	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).
		DwA	3.41	18026	41.38	41.38	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).
FRA		0.47	2481	5.70	5.70	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
FsA		0.82	4304	9.88	9.88	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
FIA		0.41	2168	4.98	4.98	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
FuA		0.11	557	1.28	1.28	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
FwA		0.29	1512	3.47	3.47	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
HdA		0.51	2682	6.16	6.16	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
HddA		0.14	757	1.74	1.74	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
HdpA		0.54	2877	6.60	6.60	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
HfA		0.19	1018	2.34	2.34	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
HkbA		0.40	2132	4.90	4.90	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
TpA		0.07	395	0.91	0.91	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
TuA		0.05	273	0.63	0.63	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
WaA		0.26	1395	3.20	3.20	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
WbA		1.52	8017	18.40	18.40	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
			11.55		Sum	140.00	
						70.00	Assumes only 50% of the corridor is exposed during construction.
Natural gas pipeline (Alternative 1) - trench		101	0.78	4136	0.38	0.38	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).
	170	0.10	505	0.05	0.05	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	175	0.13	706	0.06	0.06	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	131	0.77	4041	0.37	0.37	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
			1.78			0.86	Assumes 100% exposed during construction
Natural gas pipeline (Alternative 1) - corridor	101	0.78	4136	9.49	9.49	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	170	0.10	505	1.16	1.16	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	175	0.13	706	1.62	1.62	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	131	0.77	4041	9.28	9.28	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
			1.78		Sum	21.55	
					10.78	Assumes only 50% of the corridor is exposed during construction.	
Natural gas pipeline (Alternative 2) - trench	DwA	1.08	5719	0.53	0.53	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FtA	0.15	808	0.07	0.07	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	FwA	0.76	4026	0.37	0.37	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	RkA	0.26	1366	0.13	0.13	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	WaA	0.47	2490	0.23	0.23	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	WbA	0.44	2335	0.21	0.21	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
	WdA	0.48	2516	0.23	0.23	Assumes 4 foot wide trench; Miles received from Mike Haskell (09/11/09).	
		3.65			1.77	Assumes 100% exposed during construction	
Natural gas pipeline (Alternative 2) - corridor	DwA	1.08	5719	13.13	13.13	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	FtA	0.15	808	1.86	1.86	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	FwA	0.76	4026	9.24	9.24	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	RkA	0.26	1366	3.14	3.14	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	WaA	0.47	2490	5.72	5.72	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	WbA	0.44	2335	5.36	5.36	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
	WdA	0.48	2516	5.78	5.78	Assumes 100 foot wide construction corridor (S. Madams, 03/02/09); Miles received from Mike Haskell (09/11/09).	
		3.65		Sum	44.21		
					22.11	Assumes only 50% of the corridor is exposed during construction.	

Project: TID Almond Power Plant 2 - Jenny Krenz input for areas on 02/25/09 - subject to revision

	AREAS	Length (miles)	Length (feet)	Pole Holes	Construction Corridor	
Transmission Line - Circuit 1 115-kV Circuit 1 Line	HdA	0.55	2885	0.0042	1.9870	Assumes 4x4 ft hole for each pole spaced at 250 ft. Assumes 30 ft construction corridor. Spacing and corridor from "Transmission" memo 1/5/09; miles in e-mail from Mike Haskell, 02/25/0
	HdpA	0.31	1636	0.0024	1.1269	Assumes 4x4 ft hole for each pole spaced at 250 ft. Assumes 30 ft construction corridor. Spacing and corridor from "Transmission" memo 1/5/09; miles in e-mail from Mike Haskell, 02/25/0
		0.86	Sum	0.0066	3.1139	
		4521		0.0066	-	Assumes pole hole footprint will be unprotected until pole installed
	# T poles	18		-	1.56	Assumes 50% of the corridor is unprotected during construction
Transmission Line - Circuit 2 115-kV Circuit 2 Line	HdA	0.82	4330	0.0064	2.9818	Assumes 4x4 ft hole for each pole spaced at 250 ft. Assumes 30 ft construction corridor. Spacing and corridor from "Transmission" memo 1/5/09; miles in e-mail from Mike Haskell, 02/25/0
	HdpA	0.30	1560	0.0023	1.0743	Assumes 4x4 ft hole for each pole spaced at 250 ft. Assumes 30 ft construction corridor. Spacing and corridor from "Transmission" memo 1/5/09; miles in e-mail from Mike Haskell, 02/25/0
	DrA	0.07	396	0.0006	0.2726	Assumes 4x4 ft hole for each pole spaced at 250 ft. Assumes 30 ft construction corridor. Spacing and corridor from "Transmission" memo 1/5/09; miles in e-mail from Mike Haskell, 02/25/0
		1.19	Sum	0.0092	4.3287	
	# T poles	25		0.0092	-	Assumes pole hole footprint will be unprotected until pole installed Assumes 50% of the corridor is unprotected during construction
Transmission Line - Reconductored 69KV T-Line	DrA	0.37	1968	NA	0.9036	Assumes no construction on ground, only vehicle traffic & parking. Assumes area under transmission line is currently 100% vegetated. Area of disturbance = 20 ft (Greg Tucker, TID; ema
	HdA	0.86	4528	NA	2.0789	Assumes no construction on ground, only vehicle traffic & parking. Assumes area under transmission line is currently 100% vegetated. Area of disturbance = 20 ft (Greg Tucker, TID; ema
	HdpA	1.17	6154	NA	2.8254	Assumes no construction on ground, only vehicle traffic & parking. Assumes area under transmission line is currently 100% vegetated. Area of disturbance = 20 ft (Greg Tucker, TID; ema
	HdsA	0.24	1288	NA	0.5915	Assumes no construction on ground, only vehicle traffic & parking. Assumes area under transmission line is currently 100% vegetated. Area of disturbance = 20 ft (Greg Tucker, TID; ema
	TuA	0.29	1530	NA	0.7024	Assumes no construction on ground, only vehicle traffic & parking. Assumes area under transmission line is currently 100% vegetated. Area of disturbance = 20 ft (Greg Tucker, TID; ema
		2.93	Sum	NA	7.1018	
				-	Assumes no work will be taking place on ground.	
				0.00	Assumed 100% of construction corridor is vegetated or covered.	
			Trench acres	Construction Corridor acres		
Service Water	-	0	0	0	0	On-site connection, according to fact sheet dated 12/30/08
Construction Water	-	0	0	0	0	On-site connection, according to fact sheet dated 12/30/08
Potable Water	-	0	0	0	0	Will be delivered, according to fact sheet dated 12/30/08
Process Water	-	0	0	0	0	On-site connection, according to fact sheet dated 12/30/08
Brine Water	-	0	0	0	0	On-site connection, according to fact sheet dated 12/30/08
Sanitary Waste	-	0	0	0	0	On-site septic system, according to fact sheet dated 12/30/08

ID	NAME	ROUTE	LENGTH_FT	LENGTH_MI	MUSYM	MUKEY	muname
59	PG&E Proposed Natural Gas line	1	877.84	0.17	101	466901	Capay clay, wet, 0 to 2 percent slopes
60	PG&E Proposed Natural Gas line	1	3257.96	0.62	101	466901	Capay clay, wet, 0 to 2 percent slopes
			4135.80	0.78			
63	PG&E Proposed Natural Gas line	1	4041.47	0.77	131	466916	Stomar clay loam, wet, 0 to 2 percent slopes
				0.77			
61	PG&E Proposed Natural Gas line	1	505.47	0.10	170	466932	Dospalos-Bolfar complex, 0 to 2 percent slopes, occasionally flooded
				0.10			
62	PG&E Proposed Natural Gas line	1	706.30	0.13	175	466933	Dospalos-Bolfar complex, 0 to 2 percent slopes, rarely flooded
				0.13			
51	PG&E Proposed Natural Gas line	2	4767.82	0.90	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
55	PG&E Proposed Natural Gas line	2	950.69	0.18	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
				1.08			
57	PG&E Proposed Natural Gas line	2	808.40	0.15	FtA	462585	Fresno sandy loam, slightly saline-alkali, 0 to 1 percent slopes
				0.15			
48	PG&E Proposed Natural Gas line	2	4025.86	0.76	FwA	462588	Fresno-Dinuba sandy loams, strongly saline alkali, 0 to 1 percent slopes
				0.76			
56	PG&E Proposed Natural Gas line	2	1365.75	0.26	RkA	462693	Rossi clay loam, moderately saline-alkali, 0 to 1 percent slopes
				0.26			
52	PG&E Proposed Natural Gas line	2	2489.52	0.47	WaA	462728	Waukena fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
				0.47			
34	PG&E Proposed Natural Gas line	2	1210.82	0.23	WbA	462729	Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
58	PG&E Proposed Natural Gas line	2	1123.80	0.21	WbA	462729	Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
				0.44			
54	PG&E Proposed Natural Gas line	2	2516.00	0.48	WdA	462731	Waukena sandy loam, slightly saline-alkali, 0 to 1 percent slopes
				0.48			
21	PG&E Proposed Natural Gas line	F	924.27	0.18	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
23	PG&E Proposed Natural Gas line	F	961.46	0.18	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
1	PG&E Proposed Natural Gas line	J	3762.41	0.71	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
2	PG&E Proposed Natural Gas line	J	1160.80	0.22	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
3	PG&E Proposed Natural Gas line	J	551.70	0.10	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
4	PG&E Proposed Natural Gas line	J	2710.15	0.51	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
5	PG&E Proposed Natural Gas line	J	2323.44	0.44	DrA	462569	Dinuba sandy loam, 0 to 1 percent slopes
				2.35			
29	PG&E Proposed Natural Gas line	A	2627.34	0.50	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
24	PG&E Proposed Natural Gas line	C	462.40	0.09	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
25	PG&E Proposed Natural Gas line	C	346.78	0.07	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
26	PG&E Proposed Natural Gas line	C	521.71	0.10	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
27	PG&E Proposed Natural Gas line	C	869.21	0.16	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
28	PG&E Proposed Natural Gas line	C	3688.01	0.70	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
30	PG&E Proposed Natural Gas line	C	7009.96	1.33	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
31	PG&E Proposed Natural Gas line	F	410.90	0.08	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
32	PG&E Proposed Natural Gas line	F	1393.11	0.26	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
14	PG&E Proposed Natural Gas line	J	417.77	0.08	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
15	PG&E Proposed Natural Gas line	J	278.33	0.05	DwA	462573	Dinuba sandy loam, poorly drained variant, 0 to 1 percent slopes
				3.41			

ID	NAME	ROUTE	LENGTH_FT	LENGTH_MI	MUSYM	MUKEY	muname
20	PG&E Proposed Natural Gas line	F	1125.62	0.21	FrA	462583	Fresno fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
19	PG&E Proposed Natural Gas line	H	1355.19	0.26	FrA	462583	Fresno fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
				0.47			
42	PG&E Proposed Natural Gas line	C	274.92	0.05	FsA	462584	Fresno fine sandy loam, strongly saline-alkali, 0 to 1 percent slopes
44	PG&E Proposed Natural Gas line	C	1006.86	0.19	FsA	462584	Fresno fine sandy loam, strongly saline-alkali, 0 to 1 percent slopes
16	PG&E Proposed Natural Gas line	H	1269.64	0.24	FsA	462584	Fresno fine sandy loam, strongly saline-alkali, 0 to 1 percent slopes
17	PG&E Proposed Natural Gas line	J	1752.89	0.33	FsA	462584	Fresno fine sandy loam, strongly saline-alkali, 0 to 1 percent slopes
				0.82			
46	PG&E Proposed Natural Gas line	A	1443.70	0.27	FtA	462585	Fresno sandy loam, slightly saline-alkali, 0 to 1 percent slopes
45	PG&E Proposed Natural Gas line	C	723.81	0.14	FtA	462585	Fresno sandy loam, slightly saline-alkali, 0 to 1 percent slopes
				0.41			
47	PG&E Proposed Natural Gas line	C	196.06	0.04	FuA	462586	Fresno sandy loam, moderately saline-alkali, 0 to 1 percent slopes
33	PG&E Proposed Natural Gas line	F	360.56	0.07	FuA	462586	Fresno sandy loam, moderately saline-alkali, 0 to 1 percent slopes
				0.11			
50	PG&E Proposed Natural Gas line	A	1512.33	0.29	FwA	462588	Fresno-Dinuba sandy loams, strongly saline alkali, 0 to 1 percent slopes
				0.29			
9	PG&E Proposed Natural Gas line	J	354.37	0.07	HdA	462607	Hanford sandy loam, 0 to 3 percent slopes
11	PG&E Proposed Natural Gas line	J	429.77	0.08	HdA	462607	Hanford sandy loam, 0 to 3 percent slopes
12	PG&E Proposed Natural Gas line	J	755.77	0.14	HdA	462607	Hanford sandy loam, 0 to 3 percent slopes
13	PG&E Proposed Natural Gas line	J	463.84	0.09	HdA	462607	Hanford sandy loam, 0 to 3 percent slopes
10	PG&E Proposed Natural Gas line	L	678.28	0.13	HdA	462607	Hanford sandy loam, 0 to 3 percent slopes
				0.51			
39	PG&E Proposed Natural Gas line	A	255.37	0.05	HddA	462611	Hanford sandy loam, poorly drained variant, 0 to 1 percent slopes
40	PG&E Proposed Natural Gas line	A	242.94	0.05	HddA	462611	Hanford sandy loam, poorly drained variant, 0 to 1 percent slopes
41	PG&E Proposed Natural Gas line	A	258.45	0.05	HddA	462611	Hanford sandy loam, poorly drained variant, 0 to 1 percent slopes
				0.14			
6	PG&E Proposed Natural Gas line	J	420.62	0.08	HdpA	462613	Hanford sandy loam, moderately deep over silt, 0 to 1 percent slopes
7	PG&E Proposed Natural Gas line	L	2455.99	0.47	HdpA	462613	Hanford sandy loam, moderately deep over silt, 0 to 1 percent slopes
				0.54			
18	PG&E Proposed Natural Gas line	F	1017.66	0.19	HfA	462616	Hilmar loamy sand, 0 to 1 percent
				0.19			
38	PG&E Proposed Natural Gas line	C	2132.43	0.40	HkbA	462620	Hilmar loamy sand, slightly saline-alkali, 0 to 1 percent slopes
				0.40			
22	PG&E Proposed Natural Gas line	F	394.52	0.07	TpA	462718	Traver sandy loam, slightly saline-alkali, 0 to 1 percent slopes
				0.07			
8	PG&E Proposed Natural Gas line	J	273.11	0.05	TuA	462722	Tujunga loamy sand, 0 to 3 percent slopes
				0.05			
53	PG&E Proposed Natural Gas line	A	1394.64	0.26	WaA	462728	Waukena fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
				0.26			
35	PG&E Proposed Natural Gas line	A	753.99	0.14	WbA	462729	Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
36	PG&E Proposed Natural Gas line	A	3809.59	0.72	WbA	462729	Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
37	PG&E Proposed Natural Gas line	A	1834.08	0.35	WbA	462729	Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
43	PG&E Proposed Natural Gas line	A	1618.97	0.31	WbA	462729	Waukena fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
			60985.73	1.52			

Gas Line 1	101			
	170	All soil MU's		
	175	DrA	ok	Stanislaus County
	131	DwA	ok	
		FrA	NEW	
Gas Line 2	DwA	FsA	ok	
	FtA	FtA	ok	
	FwA	FuA	ok	
	RkA	FwA	ok	
	WaA	HdA	ok	
	WbA	HddA	NEW	
	WdA	HdpA	ok	
		HfA	ok	
Gas Lines A, C, F, H, J, L	DrA	HkbA	ok	
	DwA	RkA	NEW	
	FrA	TpA	NEW	
	FsA	TuA	ok	
	FtA	WaA	ok	
	FuA	WbA	ok	
	FwA	WdA	ok	
	HdA			
	HddA	101	NEW	
	HdpA	170	NEW	
	HfA	175	NEW	
	HkbA	131	NEW	
	TpA			
	TuA			
	WaA			
	WbA			

Project Site				Affected Soil Units	Soils w/in 1 mile
MUSYM	Acres			DrA	DtA
HdA	1.47			DwA	DuA
HdpA	2.54			FsA	DzA
	4.01			FtA	FrA
				FuA	HbA
				FwA	HdB
				HdA	HddA
Linear Features				HdpA	WbA
NAME	Soil Type	LENGTH FEET	Length Miles		
115-kV Circuit 1 (Corridor 1)	HdA	3223.20	0.61	HdsA	
115-kV Circuit 1 (Corridor 1)	HdA	1282.18	0.24	HfA	
115-kV Circuit 1 (Corridor 1)	HdpA	1564.62	0.30	HkbA	HdA 0.85
115-kV Circuit 1 (Corridor 1)	DrA	406.29	0.08	TrA	HdpA 0.30
		6476.29	1.23	TuA	DrA 0.08
				WaA	
115-kV Circuit 2 Line (Corridor 2)	HdA	2730.07	0.52		
115-kV Circuit 2 Line (Corridor 2)	HdpA	1636.11	0.31		
		4366.17	0.83		
Proposed 69-kV T-Line (Corridor 3)	HdA	2429.14	0.46		
Proposed 69-kV T-Line (Corridor 3)	HdpA	1827.90	0.35		
		4257.04	0.81		
Reconducted 69kV T-Line (Corridor 4)	DrA	587.22	0.11		
Reconducted 69kV T-Line (Corridor 4)	DrA	1324.19	0.25	DrA	0.36
Reconducted 69kV T-Line (Corridor 4)	HdA	378.56	0.07	HdA	0.84
Reconducted 69kV T-Line (Corridor 4)	HdA	611.66	0.12	HdpA	1.06
Reconducted 69kV T-Line (Corridor 4)	HdA	620.06	0.12	HdsA	0.24
Reconducted 69kV T-Line (Corridor 4)	HdA	810.69	0.15	TuA	0.29
Reconducted 69kV T-Line (Corridor 4)	HdA	557.46	0.11		
Reconducted 69kV T-Line (Corridor 4)	HdA	700.92	0.13		
Reconducted 69kV T-Line (Corridor 4)	HdA	190.80	0.04		
Reconducted 69kV T-Line (Corridor 4)	HdA	584.64	0.11		
Reconducted 69kV T-Line (Corridor 4)	HdpA	2362.75	0.45		
Reconducted 69kV T-Line (Corridor 4)	HdpA	1146.66	0.22		
Reconducted 69kV T-Line (Corridor 4)	HdpA	797.77	0.15		
Reconducted 69kV T-Line (Corridor 4)	HdpA	345.07	0.07		
Reconducted 69kV T-Line (Corridor 4)	HdpA	923.61	0.17		
Reconducted 69kV T-Line (Corridor 4)	HdsA	713.95	0.14		
Reconducted 69kV T-Line (Corridor 4)	HdsA	100.00	0.02		
Reconducted 69kV T-Line (Corridor 4)	HdsA	474.30	0.09		
Reconducted 69kV T-Line (Corridor 4)	TuA	300.03	0.06		
Reconducted 69kV T-Line (Corridor 4)	TuA	509.33	0.10		
Reconducted 69kV T-Line (Corridor 4)	TuA	296.30	0.06		
Reconducted 69kV T-Line (Corridor 4)	TuA	424.25	0.08		
		14760.21	2.80		
Natural Gas Pipeline	DrA	1165.67	0.22		
Natural Gas Pipeline	DrA	151.71	0.03		
Natural Gas Pipeline	DrA	1181.29	0.22	DrA	1.67
Natural Gas Pipeline	DrA	19.98	0.00	DwA	2.77
Natural Gas Pipeline	DrA	3140.10	0.59	FsA	0.18
Natural Gas Pipeline	DrA	941.09	0.18	FtA	0.36
Natural Gas Pipeline	DrA	2191.86	0.42	FuA	0.36
Natural Gas Pipeline	DwA	1700.38	0.32	FwA	0.49
Natural Gas Pipeline	DwA	476.95	0.09	HdA	0.91
Natural Gas Pipeline	DwA	21.69	0.00	HdpA	0.38
Natural Gas Pipeline	DwA	6381.71	1.21	HfA	1.03
Natural Gas Pipeline	DwA	441.81	0.08	HkbA	0.09
Natural Gas Pipeline	DwA	2565.03	0.49	TrA	0.39
Natural Gas Pipeline	DwA	2130.91	0.40	TuA	0.28
Natural Gas Pipeline	DwA	29.72	0.01	WaA	0.33
Natural Gas Pipeline	DwA	866.15	0.16		
Natural Gas Pipeline	FsA	936.88	0.18		
Natural Gas Pipeline	FtA	456.84	0.09		
Natural Gas Pipeline	FtA	760.42	0.14		
Natural Gas Pipeline	FtA	681.75	0.13		
Natural Gas Pipeline	FuA	223.83	0.04		
Natural Gas Pipeline	FuA	1491.22	0.28		
Natural Gas Pipeline	FuA	169.89	0.03		
Natural Gas Pipeline	FwA	1969.15	0.37		
Natural Gas Pipeline	FwA	608.92	0.12		
Natural Gas Pipeline	HdA	3164.57	0.60		
Natural Gas Pipeline	HdA	1565.45	0.30		
Natural Gas Pipeline	HdA	82.46	0.02		
Natural Gas Pipeline	HdpA	2002.81	0.38		
Natural Gas Pipeline	HfA	1009.13	0.19		
Natural Gas Pipeline	HfA	1578.75	0.30		
Natural Gas Pipeline	HfA	933.83	0.18		
Natural Gas Pipeline	HfA	1918.89	0.36		
Natural Gas Pipeline	HkbA	471.79	0.09		
Natural Gas Pipeline	TrA	1390.43	0.26		
Natural Gas Pipeline	TrA	647.75	0.12		
Natural Gas Pipeline	TuA	1504.35	0.28		
Natural Gas Pipeline	WaA	1718.86	0.33		
		48694.03	9.22		

MUSYM	MUKEY	muname	NAME	Acres
HdA	462607	Hanford sandy loam, 0 to 3 percent slopes	Laydown Area	1.90 updated 04/08/09
HdpA	462613	Hanford sandy loam, moderately deep over silt, 0 to 1 percent slopes	Project Site	3.10 updated 04/08/09
HdA	462607	Hanford sandy loam, 0 to 3 percent slopes	Project Site	1.50 updated 04/08/09

NAME	LENGTH MILES	
Natural Gas Pipeline Alternate A	9.11 Entire line	ok 04/08/09
Natural Gas Pipeline Alternate B	11.16 Entire line	ok 04/08/09
115-kV Circuit 1	0.86 Entire line	ok 04/08/09
115-kV Circuit 2	1.19 Entire line	ok 04/08/09
Reconducted 69-kV line	2.93 Entire line	ok 04/08/09

NAME	LENGTH F Soil Type	Length Miles
115-kV Circuit 1 Line	1636.28 HdpA	0.31
115-kV Circuit 1 Line	2885.12 HdA	0.55
	4521.40	0.86

115-kV Circuit 2 Line	1559.85 HdpA	0.30
115-kV Circuit 2 Line	395.85 DrA	0.07
115-kV Circuit 2 Line	4314.93 HdA	0.82
	6270.63	1.19

Natural Gas Pipeline (Alternate A)	1165.67	DrA	0.22
Natural Gas Pipeline (Alternate A)	151.71	DrA	0.03
Natural Gas Pipeline (Alternate A)	1181.29	DrA	0.22
Natural Gas Pipeline (Alternate A)	19.98	DrA	0.00
Natural Gas Pipeline (Alternate A)	3140.10	DrA	0.59
Natural Gas Pipeline (Alternate A)	941.09	DrA	0.18
Natural Gas Pipeline (Alternate A)	2191.86	DrA	0.42
Natural Gas Pipeline (Alternate A)	1700.38	DwA	0.32
Natural Gas Pipeline (Alternate A)	476.95	DwA	0.09
Natural Gas Pipeline (Alternate A)	21.69	DwA	0.00
Natural Gas Pipeline (Alternate A)	2565.03	DwA	0.49
Natural Gas Pipeline (Alternate A)	2130.91	DwA	0.40
Natural Gas Pipeline (Alternate A)	29.72	DwA	0.01
Natural Gas Pipeline (Alternate A)	866.15	DwA	0.16
Natural Gas Pipeline (Alternate A)	6381.71	DwA	1.21
Natural Gas Pipeline (Alternate A)	441.81	DwA	0.08
Natural Gas Pipeline (Alternate A)	936.88	FsA	0.18
Natural Gas Pipeline (Alternate A)	456.84	FtA	0.09
Natural Gas Pipeline (Alternate A)	760.42	FtA	0.14
Natural Gas Pipeline (Alternate A)	681.75	FtA	0.13
Natural Gas Pipeline (Alternate A)	223.83	FuA	0.04
Natural Gas Pipeline (Alternate A)	1491.22	FuA	0.28
Natural Gas Pipeline (Alternate A)	169.89	FuA	0.03
Natural Gas Pipeline (Alternate A)	1969.15	FwA	0.37
Natural Gas Pipeline (Alternate A)	608.92	FwA	0.12
Natural Gas Pipeline (Alternate A)	82.46	HdA	0.02
Natural Gas Pipeline (Alternate A)	3207.22	HdA	0.61

Miles	
DrA	1.67
DwA	2.77
FsA	0.18
FtA	0.36
FuA	0.36
FwA	0.49
HdA	0.92
HdpA	0.26
HfA	1.03
HkbA	0.09
TrA	0.39
TuA	0.28
WaA	0.33
<hr/>	
9.11	

Add to text	Add to bottom of table
?	153
DeA	159
DgA	CeA
WbA	CsB
WdA	DtA
	DuA
	DzA
	FrA
	HbA
	HdB
	HddA
	W
	WeA

Natural Gas Pipeline (Alternate A)	1565.45	HdA	0.30
Natural Gas Pipeline (Alternate A)	1356.10	HdpA	0.26
Natural Gas Pipeline (Alternate A)	1009.13	HfA	0.19
Natural Gas Pipeline (Alternate A)	1578.75	HfA	0.30
Natural Gas Pipeline (Alternate A)	933.83	HfA	0.18
Natural Gas Pipeline (Alternate A)	1918.89	HfA	0.36
Natural Gas Pipeline (Alternate A)	471.79	HkbA	0.09
Natural Gas Pipeline (Alternate A)	1390.43	TrA	0.26
Natural Gas Pipeline (Alternate A)	647.75	TrA	0.12
Natural Gas Pipeline (Alternate A)	1504.35	TuA	0.28
Natural Gas Pipeline (Alternate A)	1718.86	WaA	0.33
	<hr/> 48089.96		<hr/> 9.11

Natural Gas Pipeline (Alternate B)	1330.05	DeA	0.25	
Natural Gas Pipeline (Alternate B)	1259.23	DgA	0.24	Miles
Natural Gas Pipeline (Alternate B)	193.98	DrA	0.04	DeA 0.25
Natural Gas Pipeline (Alternate B)	2378.81	DrA	0.45	DgA 0.24
Natural Gas Pipeline (Alternate B)	1691.50	DrA	0.32	DrA 3.69
Natural Gas Pipeline (Alternate B)	5980.02	DrA	1.13	DwA 1.22
Natural Gas Pipeline (Alternate B)	1598.91	DrA	0.30	FtA 0.08
Natural Gas Pipeline (Alternate B)	6779.63	DrA	1.28	FuA 0.80
Natural Gas Pipeline (Alternate B)	885.20	DrA	0.17	HdA 1.47
Natural Gas Pipeline (Alternate B)	140.35	DwA	0.03	HdpA 0.25
Natural Gas Pipeline (Alternate B)	1915.85	DwA	0.36	HfA 0.04
Natural Gas Pipeline (Alternate B)	2890.08	DwA	0.55	TuA 0.57
Natural Gas Pipeline (Alternate B)	1493.18	DwA	0.28	WbA 2.33
Natural Gas Pipeline (Alternate B)	397.00	FtA	0.08	WdA 0.22
Natural Gas Pipeline (Alternate B)	928.95	FuA	0.18	<hr/> 11.16
Natural Gas Pipeline (Alternate B)	2523.79	FuA	0.48	
Natural Gas Pipeline (Alternate B)	779.53	FuA	0.15	
Natural Gas Pipeline (Alternate B)	3461.62	HdA	0.66	
Natural Gas Pipeline (Alternate B)	2017.89	HdA	0.38	
Natural Gas Pipeline (Alternate B)	1453.19	HdA	0.28	
Natural Gas Pipeline (Alternate B)	820.57	HdA	0.16	
Natural Gas Pipeline (Alternate B)	1342.96	HdpA	0.25	
Natural Gas Pipeline (Alternate B)	213.89	HfA	0.04	
Natural Gas Pipeline (Alternate B)	2592.80	TuA	0.49	
Natural Gas Pipeline (Alternate B)	404.86	TuA	0.08	
Natural Gas Pipeline (Alternate B)	1231.01	WbA	0.23	
Natural Gas Pipeline (Alternate B)	2638.88	WbA	0.50	
Natural Gas Pipeline (Alternate B)	8432.74	WbA	1.60	
Natural Gas Pipeline (Alternate B)	1149.35	WdA	0.22	
	<hr/> 58925.85		<hr/> 11.16	

Reconducted 69kV Transmission Line	56.64	DrA	0.01	
Reconducted 69kV Transmission Line	587.22	DrA	0.11	
Reconducted 69kV Transmission Line	1324.19	DrA	0.25	
Reconducted 69kV Transmission Line	378.56	HdA	0.07	Miles
Reconducted 69kV Transmission Line	611.66	HdA	0.12	DrA 0.37
Reconducted 69kV Transmission Line	749.68	HdA	0.14	HdA 0.86
Reconducted 69kV Transmission Line	810.69	HdA	0.15	HdpA 1.17
Reconducted 69kV Transmission Line	557.46	HdA	0.11	HdsA 0.24
Reconducted 69kV Transmission Line	700.92	HdA	0.13	TuA 0.29
Reconducted 69kV Transmission Line	190.80	HdA	0.04	2.93
Reconducted 69kV Transmission Line	528.00	HdA	0.10	
Reconducted 69kV Transmission Line	2362.75	HdpA	0.45	
Reconducted 69kV Transmission Line	577.81	HdpA	0.11	
Reconducted 69kV Transmission Line	1146.66	HdpA	0.22	
Reconducted 69kV Transmission Line	797.77	HdpA	0.15	
Reconducted 69kV Transmission Line	345.07	HdpA	0.07	
Reconducted 69kV Transmission Line	923.61	HdpA	0.17	
Reconducted 69kV Transmission Line	100.00	HdsA	0.02	
Reconducted 69kV Transmission Line	474.30	HdsA	0.09	
Reconducted 69kV Transmission Line	713.95	HdsA	0.14	
Reconducted 69kV Transmission Line	300.03	TuA	0.06	
Reconducted 69kV Transmission Line	509.33	TuA	0.10	
Reconducted 69kV Transmission Line	296.30	TuA	0.06	
Reconducted 69kV Transmission Line	424.25	TuA	0.08	
	15467.65		2.93	

Appendix H
Summary of EDR Corridor Study Findings for
the Preferred Alignment

Turlock Irrigation District Almond Power Plant 2 - Summary of EDR Corridor Study Findings for Proposed Natural Gas Pipeline Route

PREPARED FOR: Ellie Townsend-Hough/California Energy Commission

PREPARED BY: Sarah Madams/CH2M HILL
Megan Uttecht/CH2M HILL

COPIES: Randy Baysinger/Turlock Irrigation District
Susan Strachan/Strachan Consulting
Jeff Harris/Ellison, Schneider & Harris, LLP

DATE: November 6, 2009

Introduction

Turlock Irrigation District (TID) is proposing to construct a gas-fired electrical generating station identified as the Almond Power Plant 2 (A2PP). The approximately 4.6-acre subject property is located north of the existing Almond Power Plant at 4500 Crows Landing Road in Ceres, Stanislaus County, California. The subject site is currently undeveloped. North of and adjacent to the site is an unlined stormwater detention basin that receives stormwater drainage from the parking lot of the WinCo Foods (WinCo) facility, located to the northwest and west of the site.

Surrounding land use consists of industrial development and agriculture. The site is located within a largely industrial area of Ceres. North of the site is the described stormwater detention basin, and beyond that is a ditch and Stanislaus Farm Supply. South of the site is a stormwater detention basin and the existing Almond Power Plant. West of the site is the 700,000-square-foot WinCo grocery and perishable distribution center. To the east, the site is bounded by railroad tracks and a modular building sales facility.

The A2PP will require construction of a natural gas pipeline that will interconnect to the Pacific Gas & Electric Company (PG&E) high-pressure natural gas pipeline #215, located south of the project site on Bradbury Road. Natural gas will be provided via an approximately 11.6-mile-long gas line that runs south along paved roads, unpaved farm roads, and property lines to PG&E Line #215 located in Bradbury Road. In addition, PG&E needs to reinforce natural gas pipeline Line #215. The reinforced segment, also referred to as Segment 1, is a 1.8-mile-long reinforcement located along Prune Avenue on the western side of the San Joaquin River.

Purpose

The activities completed for this memorandum were intended to address the California Energy Commission (CEC) Data Request number 77 from the A2PP Data Request Set 1

(numbers 1 through 84) regarding the TID A2PP Project's (09-AFC-2) Application for Certification (AFC). Specifically, the CEC requested that TID provide a Phase I Environmental Site Assessment (ESA) or equivalent for the proposed 11.6-mile natural gas pipeline, in accordance with American Society for Testing and Materials (ASTM) Standard E1527-05 Standard Practice for Environmental Site Assessments (Phase I ESA) or equivalent.

In order to exercise due diligence to ensure there are no contaminants that would pose a health and safety risk, the CEC requested that TID conduct a Phase I ESA for the natural gas pipeline route. As discussed in Data Response Set 1D, Attachment DR-18, a "Preferred Alignment" has been selected; therefore a database review and historical aerial photograph review were conducted for the Preferred Alignment.

The natural gas pipeline will be owned, operated, and constructed by PG&E in accordance with PG&E's required procedures for avoiding disturbance of hazardous materials. In response to the data request, TID commissioned a database review by Environmental Data Resources, Inc. (EDR) for the purpose of determining whether there are known hazardous materials sites located along the Preferred Alignment. The following section provides a discussion of the EDR report findings, historical aerial photographs along the length of the proposed gas line, and a brief discussion of the photographs.

A copy of the EDR Corridor Study Report is provided as Exhibit H-1, and the Historical Aerial Photographs are provided as Exhibit H-2.

Results

Database Search

As of October 2, 2009, the database search conducted by EDR did not identify any sites near the proposed TID A2PP site or proposed natural gas line route that are listed on the Federal or State Superfund lists (i.e., the National Priorities List and the CalSites Database). In addition, there were no facilities undergoing CERCLA, TSCA, or RCRA corrective action (i.e., cleanup) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Toxic Substances Control Act (TSCA), or the Resource Conservation and Recovery Act (RCRA).

Several orphan sites were included in the summary portion of the EDR report because they were not able to be accurately mapped. The sites with accurate addresses were verified and do not lie within a 1-mile radius of the pipeline route.

In all, the EDR report included ninety-nine mapped locations of recorded hazardous materials, hazardous waste use, or impact within the corridor of the proposed natural gas pipeline (see Figure H-1 for numbered sites). Of these sites, sixteen sites were located directly on the proposed gas line route and were evaluated to verify whether hazardous materials or contaminants would pose a health and safety risk or be harmful to construction personnel and the public when disturbed by project construction.

These sixteen sites are numbered 30, 45, 53, 61, 62, 63, 72, 73, 74, 84, 87, 88, 89, 90, 91, and 93 in the EDR report and are identified on Figure H-1. In some cases, there is more than one site and/or address per numerical listing. Table H-1 (at the end of this report) provides a

listing of the federal, state, and local databases in which the identified sites appear and a brief description of the findings.

Based on the findings, there are no sites along the proposed natural gas pipeline route with hazardous materials or contaminants that would pose a health and safety risk or that would be harmful to construction personnel and the public when disturbed by project construction. Sites that contained hazardous materials or wastes have been cleaned up and closed. The existence and location of underground storage tanks (USTs) and underground utilities along the natural gas pipeline route will require verification prior to construction.

Historic Aerial Photographs

The Applicant has also obtained historical aerial photographic coverage of the Preferred Alignment, in order to make a preliminary evaluation of the extent to which the potential land use has changed (aerial photos are provided as Exhibit H-2). Because of the aerial coverage required for the extent of the approximately 11.6-mile proposed natural gas pipeline route, the aerial photographs were divided into two coverage areas: one to address the majority of the pipeline route and the other to address the smaller route of Segment 1 that runs parallel to Prune Avenue. The photographs for the long corridor show the proposed pipeline route in years 1957, 1969, 1984, 1993, 1998, and 2005. The photographs for the smaller segment show Segment 1 in years 1957, 1974, 1982, 1993, 1998, and 2005.

The aerial photographs from the 1950s, 1960s and 1970s show large areas of agricultural fields, likely used as cultivated cropland, along the entire route of the Preferred Alignment, extending from the proposed A2PP site, south along Morgan Road, then south along Bystrum Road, west along Harding Road, and along Bradbury Road. Segment 1 travels southwest along Prune Avenue, intersecting with Elm Avenue. The aerial photographs from the 1950s and 1970s also show large areas of agricultural fields, likely used as cultivated cropland, along the entire route of Segment 1.

In the 1980s and 1990s, the majority of land use remains agricultural and several larger farm operations appear in the photographs along the route of the Preferred Alignment, still surrounded by cultivated croplands. A couple small housing developments are also evident in the photographs from the 1990s. Along the route of Segment 1, the majority of land use remains agricultural in the 1980s and 1990s, with a few farm operations visible.

The color photographs from the 2000s indicate the majority of land use remains agricultural along the route of the Preferred Alignment, with several housing developments and larger farm operations surrounded by cultivated croplands. With the exception of these developments and larger farm operations, the land use is relatively unchanged over the decades. The aerial photograph from the 2000s shows several farm operations along the route of Segment 1, with the majority of the land use remaining agricultural with cultivated croplands.

Field Surveys

Field surveys by biological and cultural staff were conducted along the Preferred Alignment in July, September, and October 2009. During these site surveys, staff did not identify any areas of potential spills or hazardous waste.

Table

TABLE H-1

Results of EDR Report for the TID A2PP Proposed Natural Gas Pipeline Route

Site Number	Site Name and Owner	Database Listing	Database Description	Details
30	B. WESTSTEYN 5212 Morgan Road Ceres, CA 95307	HIST UST	Historical UST	ID U001604864, one 500-gallon UST listed on the site, installed in 1962, to store unleaded fuel
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data from the 1980s reporting one 500-gallon regular unleaded motor vehicle fuel UST on the site
45	FRED YORI & SON 1143 E. Taylor Road Ceres, CA 95307	HIST UST	Historical UST	ID U001604907, two USTs listed on the site, both installed in 1968, both for regular product fuel for farming; one UST with 350-gallon capacity and one UST with 285-gallon capacity
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data from the 1980s reporting two USTs on the site: one 350-gallon leaded motor vehicle fuel UST and one 285-gallon leaded motor vehicle fuel UST
53	MARVIN D. WARNER 8000 Bystrum Road Ceres, CA 95307	HIST UST	Historical UST	ID U001604946, one 350-gallon UST listed on the site, installed in 1974, to store regular product fuel for farm usage
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	ID S106929178, data from the 1980s reporting one 350-gallon leaded motor vehicle fuel UST on the site
	BOB HARKRADER 737 Monte Vista Ceres, CA 95307	LUST	Leaking Underground Storage Tank (LUST) Cleanup Site	ID S104403797, data from 1989, diesel spill to soil, LUST cleanup site reported as cleanup completed and case closed
61	TONY F. MELO & SONS 730 W. Bystrum Road Turlock, CA 95380	FINDS	Facility Index System (FINDS) listing	ID 1005585084, registry for a permit holding facility – surface water permit issued under the Clean Water Act (CWA) and the National Pollutant Discharge Elimination System (NPDES)
62	G&P LAND AND CATTLE 306 N. Bystrom Road Turlock, CA 95380	CA FID UST	California Facility Inventory Database (FID) UST listing from the State Water Resources Control Board	ID S101626936, active UST reported; no further details provided
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data from the 1980s reporting two USTs on the site: one 550-gallon leaded motor vehicle fuel UST and one 550-gallon leaded motor vehicle fuel UST

TABLE H-1

Results of EDR Report for the TID A2PP Proposed Natural Gas Pipeline Route

Site Number	Site Name and Owner	Database Listing	Database Description	Details
63	G&P LAND AND CATTLE 306 Bystrum Road Turlock, CA 95380	HIST UST	Historical UST	ID U001608669, two USTs listed on the site, both for product/regular fuel for farming and cattle; one UST with 550-gallon capacity and one UST with 550-gallon capacity
72	RLE ENTERPRISES INC. 14367 W. Harding Road Turlock, CA 95380	HAZNET	HAZNET hazardous waste generator listing from hazardous waste manifests received by the Department of Toxic Substances Control	ID S108754012, listing for the facility indicates that 14.32 tons of polychlorinated biphenyls (PCBs) and material containing PCBs was manifested and disposed in a landfill in Stanislaus County
73	SWANSON FARMS 400 RANCH 16804 W. Harding Road Turlock, CA 95380	HIST UST	Historical UST	ID U001608822, one 500-gallon UST listed on the site, installed in 1968, to store regular product fuel for almond farm usage
		CA FID UST	California Facility Inventory Database (FID) UST listing from the State Water Resources Control Board	ID S101627054, active UST reported; no further details provide d
		EMI	Toxic and criteria pollutant emissions data collected by the California Air Resources Board and local air pollution	Listing for the facility in 2006, San Joaquin Valley Unified Air Pollution Control District, states 0.0446 tons/year of total organic hydrocarbon gases and 0.0444 tons/year of reactive organic gases (all other listings are 0)
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data from the 1980s reporting one 500-gallon leaded motor vehicle fuel UST on the site
74	KENNETH RAPP 16379 W. Harding Road Turlock, CA 95381	HIST UST	Historical UST	ID U001608886, one 500-gallon UST listed on the site, to store regular product fuel for farm usage
84	3151 Prune Avenue Patterson, CA 95363	CDL	Clandestine Drug Lab (CDL) listing of a drug lab location	ID S107532710, illegal drug lab location where a drug lab was operated or drug lab equipment and/or materials were stored; no further details provided

TABLE H-1

Results of EDR Report for the TID A2PP Proposed Natural Gas Pipeline Route

Site Number	Site Name and Owner	Database Listing	Database Description	Details
	CLANDESTINE DRUG LAB OPERATOR UNKNOWN 3155 Prune Avenue Patterson, CA 95363	HAZNET	HAZNET hazardous waste generator listing from hazardous waste manifests received by the Department of Toxic Substances Control	ID S103652174, listing for the facility indicates that 0.1750 tons of laboratory waste chemicals were manifested and disposed at a transfer station in Stanislaus County
		CDL	Clandestine Drug Lab (CDL) listing of a drug lab location	Illegal drug lab location where a drug lab was operated or drug lab equipment and/or materials were stored; no further details provided
	3155 Prune Avenue Patterson, CA 95363	CHMIRS	California Hazardous Material Incident Report System (CHMIRS) listing of reported hazardous materials incidents such as accidental releases or spills as reported by the Office of Emergency Services (OES)	ID S105651237, OES incident reported in 1997: During a domestic dispute, the Stanislaus County Sheriffs Department located a drug lab at the residence. The drug lab waste was contained and cleaned up by Laidlaw.
	PRUNE AVENUE DISPOSAL SITE Prune Avenue at Paradise Avenue Patterson, CA	SWF/LF	Solid Waste Landfill/Landfill (SWF/LF) site record of a solid waste disposal facility or landfill from records at the Integrated Waste Management Board's Solid Waste Information System (SWIS)	ID S102362871, site listing indicates a pre-regulations solid waste disposal site, inspected annually, now in a closed status; SWIS facility ID 50-CR-0014
87	19491 Bradbury Road Turlock, CA	US HIST CDL	Listing of US historical (US HIST) clandestine drug lab (CDL) locations provided by the U.S. Department of Justice where law enforcement agencies reported chemicals or other items that indicated the presence of either clandestine drug labs or dumpsites	ID 1009619795, seizure date listed as 05-04-2005; no further details provided
	19491 W. Bradbury Road Turlock, CA 95380	CDL	Clandestine Drug Lab (CDL) listing of a drug lab location	ID S107530353, illegal drug lab location where a drug lab was operated or drug lab equipment and/or materials were stored; no further details provided
88	JOE O. ROCHA DAIRY, INC. 18451 West Bradbury Road Turlock, CA 95380	FINDS	Facility Index System (FINDS) listing	ID 1010054006, registry for a permit holding facility under the U.S. Environmental Protection Agency Integrated Compliance Information System (ICIS)

TABLE H-1

Results of EDR Report for the TID A2PP Proposed Natural Gas Pipeline Route

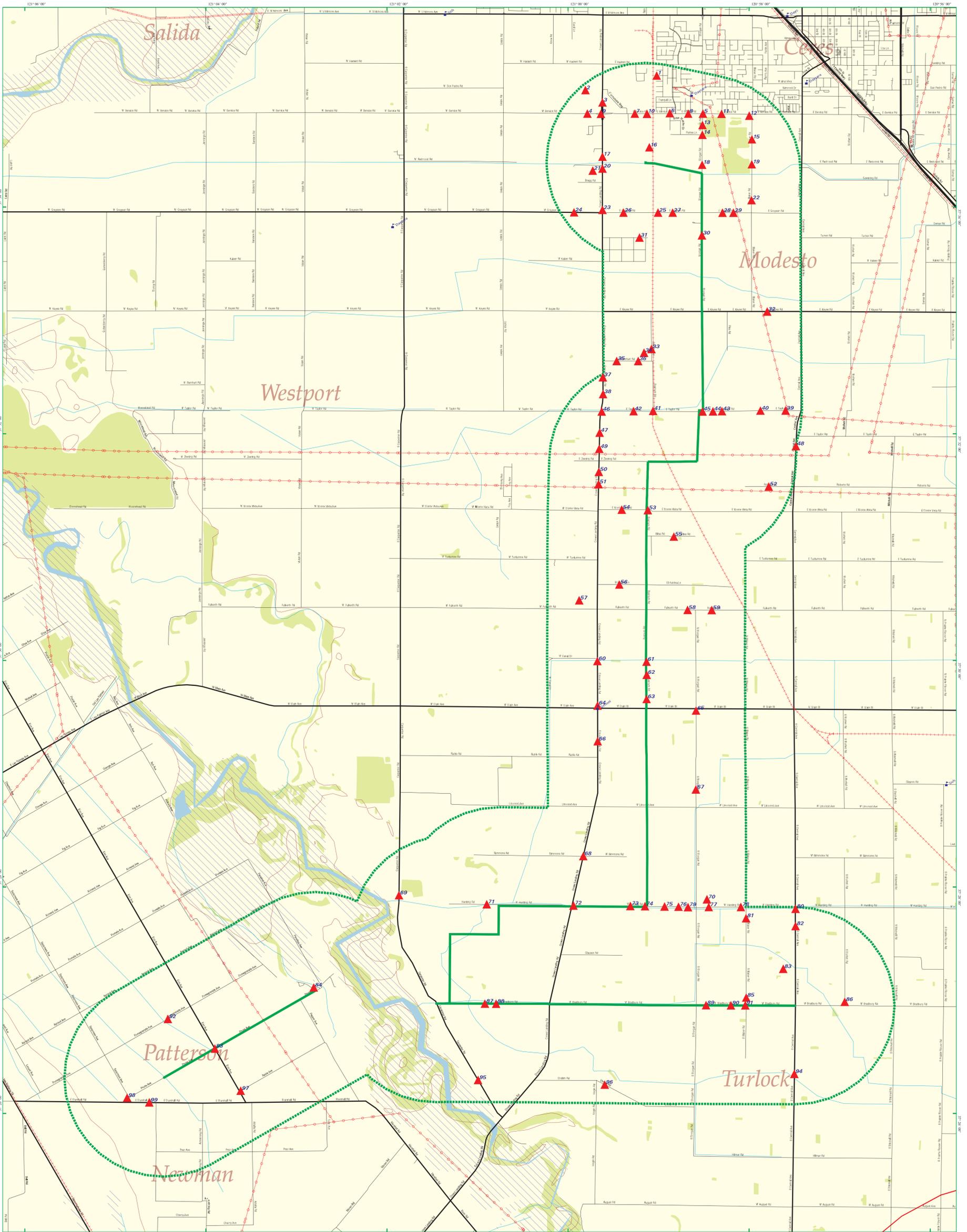
Site Number	Site Name and Owner	Database Listing	Database Description	Details
89	WALTER SORENSEN POULTRY INC. 18201 E. Bradbury Road Turlock, CA 95380	CA FID UST	California Facility Inventory Database (FID) UST listing from the State Water Resources Control Board	ID S101627080, active UST reported; no further details provided
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data from the 1980s reporting one 300-gallon leaded motor vehicle fuel UST on the site
	JOE O. ROCHA 18421 Bradbury Road Turlock, CA 95380	FINDS	Facility Index System (FINDS) listing	ID 1006227653, registry for a permit holding facility: Surface water permit issued under the CWA and NPDES
	JOE L. COELHO INC. 18451 West Bradbury Road Turlock, CA 95380	HAZNET	HAZNET hazardous waste generator listing from hazardous waste manifests received by the Department of Toxic Substances Control	ID S103972254, listing for the facility indicates that 0.7297 tons of aqueous solution with less than 10 percent total organic residues, 1.0425 tons of aqueous solution with less than 10 percent total organic residues, 1.1467 tons of aqueous solution with less than 10 percent total organic residues, 2.0850 tons of aqueous solution with less than 10 percent total organic residues, and 0.6880 tons of aqueous solution with less than 10 percent total organic residues were manifested and disposed at a transfer station in Stanislaus County
	HOLSAPPLE 19085 Bradbury Turlock, CA 95380	CA FID UST	California Facility Inventory Database (FID) UST listing from the State Water Resources Control Board	ID S101588647, inactive UST reported; no further details provided
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data reporting one 10,000-gallon diesel motor vehicle fuel UST on the site
		HIST UST	Historical UST	ID U001608636, one 1,000-gallon UST listed on the site, installed in 1979 to store diesel product fuel
	WALTER SORENSEN POULTRY INC. 18201 W. Bradbury Road Turlock, CA 95380	HIST UST	Historical UST	ID U001608860, one 300-gallon UST listed on the site, to store regular product fuel for transportation usage

TABLE H-1

Results of EDR Report for the TID A2PP Proposed Natural Gas Pipeline Route

Site Number	Site Name and Owner	Database Listing	Database Description	Details
89	RAMOS CUSTOM TRACTOR WORK 19261 W. Bradbury Road Turlock, CA 95380	HIST UST	Historical UST	ID U001608793, two USTs listed on the site: one 10,000-gallon UST, installed in 1981, for diesel product fuel for farming operation usage, and one 850-gallon UST, installed in 1969, for product/regular fuel for farming operation usage
90	KENNETH B. BESWICK 12801 W. Bradbury Road Turlock, CA 95380	CA FID UST	California Facility Inventory Database (FID) UST listing from the State Water Resources Control Board	ID S101626979, active UST reported; no further details provided
		SWEEPS UST	Statewide Environmental Evaluation and Planning System (SWEEPS) UST	Data from the 1980s reporting one 350-gallon diesel motor vehicle fuel UST and one 350-gallon regular unleaded motor vehicle fuel UST on the site
		HIST UST	Historical UST	ID U001608722, two USTs listed on the site: one 350-gallon UST, installed in 1974, for unleaded product fuel for dairy farm usage, and one 350-gallon UST, installed in 1974, for diesel fuel for dairy farm usage
91	HARRY W. SOUZA & DAUGHTERS INC. 10407 W. Bradbury Road Turlock, CA 95380	NPDES	(NPDES listing of permits, including stormwater	ID S106104478, site listing for an active stormwater industrial permit effective 04-22-1998, with a discharge name of Circle H Dairy Ranch, Inc.
		CA WDS	California Water Resources Control Board (CA) – Waste Discharge System (WDS) listing	Lists the site as an active facility – any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. The NPDES permit number for the site is CAS000001 and is listed as a Category C facility with minor threat to water quality.
93	Corner of Elm / Prune Patterson, CA 95363	CDL	Clandestine Drug Lab (CDL) listing of a drug lab location	ID S107538150, abandoned drug lab waste location away from an illegal drug lab where drug lab waste and/or equipment were abandoned ; no further details provided

Figure



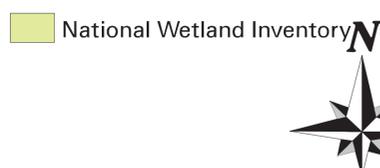
EDR DataMap® - Corridor Study

Almond Power Plant 2



Modesto, Ca

- | | | | |
|--|---------------|-------------|-------------------------|
| Listed Sites | Major Roads | Pipelines | Superfund Sites |
| Earthquake Epicenters (Richter 5 or greater) | Waterways | Powerlines | Federal DOD Sites |
| Search Boundary | Railroads | Fault Lines | Indian Reservations BIA |
| Roads | Contour Lines | Water | 100-Yr Flood Zones |



0 1/2 1
Scale in Miles

Exhibit H-1
EDR Corridor Study Report

Almond Power Plant 2

Modesto, Ca 95358

Inquiry Number: 02583788.4r

October 02, 2009

EDR DataMap™ Corridor Study

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

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

MODESTO, CA 95358
MODESTO, CA 95358

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TSCA	Toxic Substances Control Act
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
PCB TRANSFORMER	PCB Transformer Registration Database
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

HIST Cal-Sites..... Historical Calsites Database

EXECUTIVE SUMMARY

CA BOND EXP. PLAN.....	Bond Expenditure Plan
SCH.....	School Property Evaluation Program
Toxic Pits.....	Toxic Pits Cleanup Act Sites
WMUDS/SWAT.....	Waste Management Unit Database
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
SWRCY.....	Recycler Database
LIENS.....	Environmental Liens Listing
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
DEED.....	Deed Restriction Listing
VCP.....	Voluntary Cleanup Program Properties
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
RESPONSE.....	State Response Sites
ENVIROSTOR.....	EnviroStor Database

TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 2 RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>HELENA CHEMICAL COMPANY</i>	<i>312 W SERVICE RD</i>	<i>4</i>	<i>9</i>
<i>BORDEN & SON CRANE</i>	<i>1112 E SERVICE RD</i>	<i>8</i>	<i>34</i>

EXECUTIVE SUMMARY

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/12/2008 has revealed that there are 2 RCRA-NonGen sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
OROZCO TRUCKING	711 DEL SOL CT	1	3
STANISLAUS FARM SUPPLY CO	624 E SERVICE RD	10	43

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 05/15/2009 has revealed that there are 8 ERNS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
624 EAST SERVICE RD	624 EAST SERVICE RD	10	38
624 E SERVICE RD	624 E SERVICE RD	10	40
624 E. SERVICE RD	624 E. SERVICE RD	10	40
624 E. SERVICE RD	624 E. SERVICE RD	10	42
6342 BYSTRUM ROAD	6342 BYSTRUM ROAD	33	92
6342 BYSTRUM ROAD	6342 BYSTRUM ROAD	33	92
6342 BYSTRUM ROAD	6342 BYSTRUM ROAD	41	108
6342 BYSTRUM ROAD	6342 BYSTRUM ROAD	41	110

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 07/16/2009 has revealed that there is 1 HMIRS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
312 W SERVICE RD.	312 W SERVICE RD.	4	6

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2007 has revealed that there is 1 TRIS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BRONCO WINE CO	6342 BYSTRUM RD	41	110

EXECUTIVE SUMMARY

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 04/09/2009 has revealed that there is 1 FTTS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
STANISLAUS FARM SUPPLY	624 E SERVICE RD	10	54

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, and dated 10/19/2006 has revealed that there is 1 HIST FTTS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
STANISLAUS FARM SUPPLY	624 E SERVICE RD	10	54

SSTS: Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

A review of the SSTS list, as provided by EDR, and dated 12/31/2007 has revealed that there are 4 SSTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HELENA CHEMICAL COMPANY	312 W. SERVICE ROAD	4	14
HELENA CHEMICAL CO	312 W. SERVICE RD	4	14
STANISLAUS FARM SUPPLY	624 EAST SERVICE RD	10	38
STANISLAUS FARM SUPPLY	624 E SERVICE RD	10	47

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 03/20/2009 has revealed that there is 1 ICIS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TURLOCK IRRIGATION DISTRICT	4500 CROWS LANDING ROAD	16	66

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/23/2009 has revealed that there are 19 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
OROZCO TRUCKING	711 DEL SOL CT	1	4
HELENA CHEMICAL COMPANY	312 W SERVICE RD	4	9
BORDEN & SON CRANE	1112 E SERVICE RD	8	34
STANISLAUS FARM SUPPLY CO	624 E SERVICE RD	10	43
STANISLAUS FARM SUPPLY	624 E SERVICE RD	10	55
CITY OF CERES	4200 MORGAN RD	14	61
ALMOND POWER PLT	4500 CROWS LANDING ROAD	16	63
CEN-CAL FIRE SYSTEMS, INC	4400 CROWS LANDING ROAD	17	71
BRONCO WINE COMPANY	6342 BYSTRUM RD.	41	108
TRINKLER DAIRY FARMS	7251 CROWS LANDING RD	49	117
S & S DAIRY	348 E MONTE VISTA	54	126
EL KATRINA DAIRY #1	501 EL KATRINA LANE	56	129
TONY F MELO & SONS	730 W BYSTRUM RD	61	138
MOUNTAIN VIEW MIDDLE SCHOOL	10001 CROWS LANDING ROA	64	143
MOUNTAIN VIEW FEED & SEED CO	9942 CROWSLANDING ROAD	64	149
DARLING INTERNATIONAL INC.	11946 CARPENTER ROAD	69	155
SOUZA, HARRY W & DAUGHTERS	4619 SOUTH BLAKER RD	85	188
JOE O. ROCHA DAIRY, INC.	18451 WEST BRADBURY ROA	88	193
ROCHA, JOE O	18421 BRADBURY AVENUE	89	194

US HIST CDL: A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

A review of the US HIST CDL list, as provided by EDR, and dated 09/01/2007 has revealed that there are 2 US HIST CDL sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
19491 BRADBURY RD	19491 BRADBURY RD	87	192
13660 CARPENTER RD	13660 CARPENTER RD	95	203

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 09/02/2009 has revealed that there is 1 SWF/LF site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PRUNE AVENUE DISPOSAL SITE	PRUNE AVENUE AT PARADIS	84	188

CA WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there are 10 CA WDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CERES WWTP	4200 MORGAN RD	14	60
BRONCO WINE COMPANY	6342 BYSTRUM RD	41	102
TRINKLER DAIRY FARMS	7251 CROWS LANDING RD	49	117
S & S DAIRY	348 E MONTE VISTA	54	126
EL KATRINA DAIRY	501 EL KATRINA LN	56	127
SEPTAGE DISPOSAL SITE	9585 CROWS LANDING RD	60	136
DARLING INTERNATIONAL INC	11946 CARPENTER RD	69	154
A & J DE SOUZA DAIRY	3030 S CENTRAL AVE	82	184
JOSE B FRANCO HEIFER RANCH	4231 S CENTRAL	83	185
HARRY W SOUZA & DAUGHTERS INC	10407 W BRADBURY RD	91	200

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 08/31/2009 has revealed that there are 10 NPDES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MILLER INDUSTRIAL PARK	SERVICE RD / MORGAN R	5	29
CLASSIC WINE VINEGAR	4110 BREWMASTER DR	6	29
BLAKER RNCH EST	BLAKER RD / SERVICE R	12	57
WINCO FOODS DISTRIBUTION CENTE	4400 CROWS LANDING RD	17	72
MORGAN ROAD INDUSTRIAL	4407 MORGAN ROAD	18	74
BASSI PLAZA	4955 CROWS LANDING RD	23	81
TRINKLER DAIRY FARMS	7251 CROWS LANDING RD	49	117
S & S DAIRY	348 E MONTE VISTA	54	126
EL KATRINA DAIRY	501 EL KATRINA LN	56	127
HARRY W SOUZA & DAUGHTERS INC	10407 W BRADBURY RD	91	200

EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 11 HIST CORTESE sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HELENA CHEMICAL	312 SERVICE RD W	4	6
BORDEN & SON CRANE	1112 E SERVICE RD	8	34
FRANK SILVA DAIRY	300 BARNHART	35	95
BRONCO WINE CO.	6342 BYSTRUM	41	109
MORRIS BLOCKER PROPERTY	1319 TAYLOR	43	110
BOB HARKRADER	737 MONTE VISTA	53	124
LUCAS DAIRY	11204 FULKERTH RD	58	131
EXPRESS STOP	10000 CROWS LANDING	64	144
MOUNTAIN VIEW FEED & SEED COMP	9942 CROWS LANDING RD	64	146
FARMERS DEN	9952 CROWS LANDING	64	147
MELVIN MENDEZ LAND LEVELING	10336 CROWS LANDING	66	151

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/07/2009 has revealed that there are 10 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HELENA CHEMICAL Status: Completed - Case Closed	312 SERVICE RD W	4	6
BORDEN & SON CRANE Status: Completed - Case Closed	1112 E SERVICE RD	8	34
BRONCO WINE CO. Status: Completed - Case Closed	6342 BYSTRUM	41	109
MORRIS BLOCKER PROPERTY Status: Completed - Case Closed	1319 TAYLOR	43	110
BOB HARKRADER Status: Completed - Case Closed	737 MONTE VISTA	53	124
LUCAS DAIRY Status: Completed - Case Closed	11204 FULKERTH RD	58	131
EXPRESS STOP Status: Completed - Case Closed	10000 CROWS LANDING	64	144
MOUNTAIN VIEW FEED & SEED COMP Status: Completed - Case Closed	9942 CROWS LANDING RD	64	146
FARMERS DEN Status: Open - Remediation	9952 CROWS LANDING	64	147
MELVIN MENDEZ LAND LEVELING Status: Completed - Case Closed	10336 CROWS LANDING	66	151

EXECUTIVE SUMMARY

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 27 CA FID UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SECRETO FARM	3807 CROWSLANDING RD	2	4
HELENA CHIMICAL CO. JERRY M OY	312 W SERVICE RD	4	7
STANISLAUS FARM SUPPLY CO	624 E SERVICE RD	10	43
BALDWIN TRUCKING	4527 CROWS LANDING	21	78
REBIERO FARM	501 W GRAYSON RD	24	81
MID-VALLEY RANCH	348 E GRAYSON RD	26	83
JOHN WESTS CHOPPING SERVICE	548 SAN JOAQUIN ST	31	90
MAAE FOUNDATION, INC.	431 W FULKERTH	57	129
LUCAS DAIRY	11204 FULKERTH RD	58	131
ALVERNAZ DAIRY INC.	11313 FULKERTH RD	58	133
G&P LAND AND CATTLE	306 N BYSTROM RD	62	138
F. K. STALLARD	1225 S MORGAN RD	67	153
REED RANCH	101 W TAYLOR RD	70	162
SWANSON FARMS 400 RANCH	16804 E HARDING RD	73	165
VICTOR J. BERTOLINI	15811 HARDING RD	75	166
BONANDER FARMS	15371 HARDING RD	76	168
KENNETH R. KENWORTHY	15445 HARDING RD	76	169
ASAJI YOTSUYA	14548 HARDING RD	77	171
REED RANCH	14503 HARDING	77	173
GEORGE C. OKAMURA	13557 HARDING RD	78	175
FIORINI FARMS	15132 HARDING RD	79	177
LA FOLLETTE ENT INC	3312 S BLAKER RD	81	180
ELMER ABEL	7924 BRADBURY	86	190
MICHAEL CLIPPER	4519 S MOFFETT	86	192
WALTER SORENSEN POULTRY INC.	18201 E BRADBURY RD	89	193
HOLSAPPLE	19085 BRADBURY	89	196
KENNETH B. BESWICK	12801 W BRADBURY RD	90	198

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 07/07/2009 has revealed that there are 9 SLIC sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HELENA CHEMICAL COMPANY Facility Status: Open - Inactive	312 W. SERVICE RD	4	7
STANISLAUS FARM SUPPLY Facility Status: Open - Remediation	624 EAST SERVICE ROAD	10	42
STANISLAUS FARM SUPPLY SOME A	624 SERVICE RD E	10	42
CAPE HART & SONS TRUCKING**	719 GRAYSON RD E	25	82
CAPE HART & SONS TRUCKING Facility Status: Open - Inactive	719 EAST GRAYSON ROAD	25	83
CLANDESTINE DRUG LAB	7625 CROWS LANDING RD	50	119
CLANDESTINE LAB WASTE- (AGUIRR Facility Status: Open - Inactive	7625 CROWS LANDING ROAD	50	121
MOUNTAIN VIEW FEED & SEED CO. Facility Status: Open - Inactive	9942 CROWS LANDING ROAD	64	145

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MOUNTAIN VIEW FEED & SEED COMP	9942 CROWS LANDING RD	64	146

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/07/2009 has revealed that there are 2 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
E.R. VINE AND SONS SERVICE ROA	820 SERVICE ROAD	6	32
BALDWIN TRUCKING	4527 CROWS LANDING RD.	20	78

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 61 HIST UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SECRETO FARM	3807 CROWS LANDING RD	3	5
HELENA CHEMICAL CO. JERRY M OY	312 W SERVICE RD	4	7
BROWN RANCH	901 E SERVICE RD	6	32
BORDEN & SON CRANE	1112 E SERVICE RD	8	34
STANISLAUS FARM SUPPLY CO	624 E SERVICE RD	10	43
REBIERO FARM	501 W GRAYSON RD	24	82
MID-VALLEY RANCH	348 E GRAYSON RD	26	83
MARCHY & SONS INC.	943 E GRAYSON RD	27	84
KOLMEYER FARMS	1466 E GRAYSON	28	88
EDWARD J. LYTLE	1554 E GRAYSON RD	29	88
B. WESTSTEYN	5212 MORGAN RD	30	89
JOHN WESTS CHOPPING SERVICE	548 SAN JOAQUIN ST	31	90
WILLIAM H. WASHAM	1824 E KEYES RD	32	91
YORI FARM	606 E BARNHART RD	34	94
NELSON RANCH	6743 CROWS LANDING RD	37	96
S&S SERVICE CENTER	6936 CROWS LANDING RD	38	97
BRADY MACHINE SHOP & FARM	6870 CROWS LANDING RD	38	98
BERRYHILL ORCHARDS INC.	1912 E TAYLOR RD	39	100
CHARLES FISK	1666 E TAYLOR RD	40	101
BRONCO WINE COMPANY	6342 BYSTRUM RD	41	102
DITCH TENDER HOME	1319 E TAYLOR RD	43	111
JOE GERMAN DAIY	1236 E TAYLOR RD	44	112
FRED YORI & SON	1143 E TAYLOR RD	45	113
BRIGGS BROTHERS	7254 CROWS LANDING RD	47	115
WENDEL C. TINKLER	7251 CROWS LANDING RD	47	115
BERRYHILL VINEYARDS INC	7379 CENTRAL AVE	48	116
WERNER OTT	7761 CROWS LANDING RD	51	121
NIEMEYER FARMS INC.	7718 CROWS LANDING RD	51	122
GERARD VAN DYKHUIZEN	1855 ROBERTS RD	52	123
MARVIN D. WARNER	8000 BYSTRUM RD	53	123
ROBERT HARKRADER	737 E MONTE VISTA	53	125

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
LUCAS DAIRY	11204 FULKERTH ROAD	58	130
ALVERNAZ DAIRY INC.	11313 FULKERTH RD	58	134
MRS. JOE A. CARVALHO	10907 FULKERTH RD	59	135
MOUNTAIN VIEW FIRE PROTECTION	9633 CROWS LANDING RD	60	135
G&P LAND AND CATTLE	306 BYSTRUM RD	63	139
ELZENGA'S GARAGE	10000 CROWS LANDING RD	64	140
MT VIEW FEED & SEED CO.	9942 CROWS LANDING RD	64	144
MELVIN MENDES LAND LEVELING	10336 CROWS LANDING RD	66	152
SAME AS ABOVE	1225 S MORGAN RD	67	153
PETERSON MFG. CO.	11946 CARPENTER RD	69	160
SWANSON FARMS 400 RANCH	16804 W HARDING RD	73	164
KENNETH RAPP	16379 W HARDING RD	74	166
VICTOR J. BERTOLINI	15811 W HARDING RD	75	167
BONANDER FARMS	15371 W HARDING RD	76	167
KENNETH R. KENWORTHY	15445 W HARDING RD	76	170
ASAJI YOTSUYA	14548 W HARDING RD	77	171
REED RANCH	14503 W HARDING RD	77	174
GEORGE C. OKAMURA	13557 W HARDING RD	78	174
LLOY T. NARITA	13626 W HARDING RD	78	175
FIORINI FARMS	15132 W HARDING RD	79	176
LA FOLLETTE ENT INC	3312 S BLAKER RD	81	183
ELMER ABEL	7924 W BRADBURY RD	86	189
MICHAEL CLIPPER	4519 S MOFFETT RD	86	191
WALTER SORENSEN POULTRY INC.	18201 W BRADBURY RD	89	197
DICK HOLSAPPLE	19085 W BRADBURY RD	89	197
RAMOS CUSTOM TRACTOR WORK	19261 W BRADBURY RD	89	198
KENNETH B. BESWICK	12801 W BRADBURY RD	90	199
DESERET FAMS OF CALIFORNIA - P	2012 APPLE AVE	97	203
PATTERSON APRICOT RANCH	SW CORNER SYCAMORE	98	205
WARREN HICKS & SONS, INC.	1160 E MARSHALL RD	99	207

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 67 SWEEPS UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SECRETO FARM	3807 CROWSLANDING RD	2	4
HELENA CHIMICAL CO. JERRY M OY	312 W SERVICE RD	4	7
ENIO FERRINI	1307 SERVICE RD	5	26
QUIK STOP MARKET #156	1301 SERVICE	5	26
BROWN RANCH	901 E SERVICE RD	6	32
BORDEN & SONS CANE & RIGGING	1112 SERVICE RD	8	33
AIR-O-FAN SALES & SERVICE	142 W SERVICE	9	38
STANISLAUS FARM SUPPLY	624 E SERVICE RD	10	47
CITY OF CERES	4454 MORGAN	18	74
BALDWIN TRUCKING	4527 CROWS LANDING	21	78
FRANCIS IP	5012 CROWS LANDING	23	80
REBIERO FARM	501 W GRAYSON RD	24	81
MID-VALLEY RANCH	348 E GRAYSON RD	26	83
MARCHY & SONS INC.	943 E GRAYSON RD	27	84

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
KOLMEYER FARMS	1466 E GRAYSON	28	88
EDWARD J. LYTLE	1554 E GRAYSON RD	29	88
B. WESTSTEYN	5212 MORGAN RD	30	89
JOHN WESTS CHOPPING SERVICE	548 SAN JOAQUIN ST	31	90
WILLIAM H. WASHAM	1824 E KEYES RD	32	91
YORI FARM	606 BARNHART RD	36	95
NELSON RANCH	6743 CROWS LANDING RD	37	96
S&S SERVICE CENTER	6936 CROWSLANDING RD	38	97
BRADY MACHINE SHOP & FARM	6870 CROWS LANDING RD	38	98
BERRYHILL ORCHARDS INC.	1912 E TAYLOR RD	39	100
CHARLES FISK	1666 E TAYLOR RD	40	101
BRONCO WINE COMPANY	6342 BYSTRUM RD	41	102
DITCH TENDER HOME	1319 E TAYLOR RD	43	111
JOE GERMAN DAIRY	1236 E TAYLOR RD	44	112
FRED YORI & SON	1143 E TAYLOR RD	45	113
BRIGGS BROTHERS	7254 CROWSLANDING RD	47	114
WENDEL C. TINKLER	7251 CROWS LANDING RD	47	115
BERRYHILL VINEYARDS INC	7379 CENTRAL AVE	48	116
WERNER OTT	7761 CROWS LANDING RD	51	121
NIEMEYER FARMS INC.	7718 CROWS LANDING RD	51	122
GERARD VAN DYKHUIZEN	1855 ROBERTS RD	52	123
MARVIN D. WARNER	8000 BYSTROM	53	124
ROBERT HARKRADER	737 E MONTE VISTA	53	125
MAAE FOUNDATION, INC.	431 W FULKERTH	57	129
LUCAS DAIRY	11204 FULKERTH RD	58	131
ALVERNAZ DAIRY INC.	11313 FULKERTH RD	58	133
MRS. JOE A. CARVALHO	10907 E FULKERTH RD	59	135
MOUNTAIN VIEW FIRE PROTECTION	9633 CROWS LANDING RD	60	135
G&P LAND AND CATTLE	306 N BYSTROM RD	62	138
ELZENGA'S GARAGE	10000 CROWS LANDING RD	64	140
FARMERS DEN	9952 CROWS LANDING	64	147
MT VIEW FEED & SEED CO.	9942 CROWSLANDING RD	64	148
MELVIN MENDES LAND LEVELING	10336 CROWS LANDING RD	66	152
F. K. STALLARD	1225 S MORGAN RD	67	153
PETERSON MFG. CO.	11946 CARPENTER RD	69	160
REED RANCH	101 W TAYLOR RD	70	162
SWANSON FARMS 400 RANCH	16804 E HARDING RD	73	165
VICTOR J. BERTOLINI	15811 HARDING RD	75	166
BONANDER FARMS	15371 HARDING RD	76	168
KENNETH R. KENWORTHY	15445 HARDING RD	76	169
ASAJI YOTSUYA	14548 HARDING RD	77	171
REED RANCH	14503 HARDING	77	173
GEORGE C. OKAMURA	13557 HARDING RD	78	175
FIORINI FARMS	15132 HARDING RD	79	177
LA FOLLETTE ENT INC	3312 S BLAKER RD	81	180
ELMER ABEL	7924 BRADBURY	86	190
MICHAEL CLIPPER	4519 S MOFFETT	86	192
WALTER SORENSEN POULTRY INC.	18201 E BRADBURY RD	89	193
HOLSAPPLE	19085 BRADBURY	89	196
KENNETH B. BESWICK	12801 W BRADBURY RD	90	198
DESERET FAMS OF CALIFORNIA - P	2012 APPLE AVE	97	203
PATTERSON APRICOT RANCH	SW CORNER SYCAMORE	98	205
WARREN HICKS & SONS, INC.	1160 E MARSHALL RD	99	207

EXECUTIVE SUMMARY

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2007 has revealed that there are 11 CHMIRS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	312 WEST SERVICE ROAD	4	12
Not reported Date Completed: 27-FEB-89	CROWS LANDING RD / SE	9	36
Not reported Date Completed: 07-APR-89	624 E. SERVICE RD.	10	40
Not reported	SERVICE / BLAKER	12	57
Not reported	4537 CROWS LANDING RD	20	76
Not reported	6342 BYSTRUM RD.	33	93
BRONCO WINE COMPANY	6342 BYSTRUM RD	41	102
Not reported	806 HARDING RD., CLOSES	71	162
Not reported	HARDING / S CENTRAL	80	178
Not reported	3155 PRUNE RD	84	186
Not reported	5524 SOUTH CENTRAL RD	94	201

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 2 AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
STANISLAUS FARM SUPPLY CO	624 E SERVICE RD	10	43
DARLING INTERNATIONAL INC	11946 CARPENTER RD	69	154

Notify 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CLYDE MELLO WELL	1836 E. GRAYSON RD.	22	79

EXECUTIVE SUMMARY

CDL: A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

A review of the CDL list, as provided by EDR, and dated 06/30/2009 has revealed that there are 17 CDL sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4537 CROWS LANDING RD	20	76
Not reported	4925 BLAKER	22	80
Not reported	2012 E TAYLOR RD	39	100
Not reported	530 E TAYLOR RD	42	110
Not reported	112 E TAYLOR ST	46	114
CLANDESTINE DRUG LAB	7625 CROWS LANDING RD	50	119
Not reported	1036 BLISS ROAD	55	127
Not reported	9591 CROWS LANDING RD	60	136
Not reported	9461 CROWS LANDING ROAD	60	138
Not reported	128 S MORGAN RD	65	151
Not reported	CROWS LANDING ROAD / SI	68	154
Not reported	3151 PRUNE, UNIT B	84	186
CLANDESTINE DRUG LAB OPERATOR	3155 PRUNE AVE	84	186
Not reported	19491 W BRADBURY RD	87	193
Not reported	1730 POMEGRANATE AVE	92	201
Not reported	CORNER OF ELM / PRUNE	93	201
Not reported	13660 CARPENTER RD	95	203

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2007 has revealed that there are 29 HAZNET sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
1X SECRETO PAULINE	3807 CROWS LANDING ROAD	3	5
HELENA CHEMICAL COMPANY	312 W SERVICE RD	4	9
QUIK STOP MARKETS INC MKT #156	1301 SERVICE ROAD	5	27
MILLER INVESTMENTS LP	950 E SERVICE RD	6	30
ER VINE & SONS SERVICE ROAD CA	820 SERVICE ROAD	6	31
CLARK PEST CONTROL	480 E SERVICE RD	7	33
STANISLAUS FARM SUPPLY CO	624 E SERVICE RD	10	43
CITY OF CERES - PUBLIC WORKS	1648 SERVICE RD	12	59
CITY OF CERES/PUBLIC WORKS	4209 BLAKER RD	15	62
SACH'S ELECTRIC COMPANY	4500 CROWS LANDING ROAD	16	62
SCOTT COMPANY	4500 CROWS LANDING ROAD	16	62
WINCO FOODS LLC	4400 CROWS LANDING RD	17	71
CITY OF CERES	4417 BLAKER RD	19	74
1X FRANCIS IP	5012 CROWSLANDUBG ROAD	23	80
WEST COAST GRAPES FARMS INC	606 E BARNHART RD	36	95
BRADY MACHINE SHOP & FARM	6870 CROWS LANDING RD	38	98
BRONCO WINE CO	6342 BYSTRUM RD	41	109
CLANDESTINE DRUG LAB	7625 CROWS LANDING RD	50	119

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
JERRY DOVER DAIRY	9473 CROWSLANDING RD	60	137
ELZENGA'S GARAGE	10000 CROWS LANDING RD	64	140
EXPRESS STOP	10000 CROWS LANDING RD	64	143
MT VIEW FEED AND SEED	9942 CROWS LANDING RD	64	145
FARMERS DEN	9952 CROWS LANDING	64	147
DARLING INTERNATIONAL INC	11946 CARPENTER RD	69	159
RLE ENTERPRISES INC	14367 W HARDING RD	72	164
LAFOLLETTE ENTERPRISES INC	3312 S BLAKER	81	182
CLANDESTINE DRUG LAB OPERATOR	3155 PRUNE AVE	84	186
JOE L COELHO INC	18637 E BRADBURY RD	89	194
FOSTER FARMS	11936 EHRlich RD	96	203

EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2007 has revealed that there are 18 EMI sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HELENA CHIMICAL CO. JERRY M OY	312 W SERVICE RD	4	7
E.R. VINE & SONS	820 SERVICE RD	6	30
STANISLAUS FARM SUPPLY	624 E SERVICE RD	10	47
QUICK STOP MARKET #156	1301 SERVICE ROAD	11	55
QUICK STOP MARKET #156	1301 SERVICE RD	11	56
CITY OF CERES	4029 BLAKER RD	12	56
K & D ENTERPRISES, INC	4107 MORGAN RD	13	59
CITY OF CERES	4200 MORGAN ROAD	14	59
ALMOND POWER PLT	4500 CROWS LANDING ROAD	16	63
CEN-CAL FIRE SYSTEMS, INC	4400 CROWS LANDING ROAD	17	73
BALDWIN TRUCKING INC	4527 CROWS LANDING	20	75
BRONCO WINE COMPANY	6342 BYSTRUM RD	41	102
ELZENGA'S GARAGE	10000 CROWS LANDING RD	64	140
MOUNTAIN VIEW FEED & SEED CO.	9942 CROWS LANDING ROAD	64	145
MOUNTAIN VIEW FEED & SEED CO	9942 CROWSLANDING ROAD	64	149
DARLING INTERNATIONAL INC.	11946 CARPENTER ROAD	69	155
SWANSON FARMS 400 RANCH	16804 E HARDING RD	73	165
DESERET FAMS OF CALIFORNIA - P	2012 APPLE AVE	97	203

HAULERS: A listing of registered waste tire haulers.

A review of the HAULERS list, as provided by EDR, and dated 05/28/2009 has revealed that there is 1 HAULERS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
STANISLAUS FARM SUPPLY	624 EAST SERVICE ROAD	10	42

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	0
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	2
RCRA-CESQG	0
RCRA-NonGen	2
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	8
HMIRS	1
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
DEBRIS REGION 9	0
ODI	0
MINES	0
TRIS	1
TSCA	0
FTTS	1
HIST FTTS	1
SSTS	4
ICIS	1
PADS	0
MLTS	0
RADINFO	0
FINDS	19
RAATS	0
US HIST CDL	2
PCB TRANSFORMER	0
SCRD DRYCLEANERS	0
<u>STATE AND LOCAL RECORDS</u>	
HIST Cal-Sites	0
CA BOND EXP. PLAN	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
SCH	0
Toxic Pits	0
SWF/LF	1
WMUDS/SWAT	0
CA WDS	10
NPDES	10
Cortese	0
HIST CORTESE	11
SWRCY	0
LUST	10
CA FID UST	27
SLIC	9
UST	2
HIST UST	61
LIENS	0
SWEEPS UST	67
CHMIRS	11
LDS	0
MCS	0
AST	2
Notify 65	1
DEED	0
VCP	0
DRYCLEANERS	0
WIP	0
CDL	17
RESPONSE	0
HAZNET	29
EMI	18
HAULERS	1
ENVIROSTOR	0
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
 <u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

1 OROZCO TRUCKING RCRA-NonGen 1010313687
711 DEL SOL CT CAR000176735
CERES, CA 95307

RCRA-NonGen:

Date form received by agency: 08/15/2006
 Facility name: OROZCO TRUCKING
 Facility address: 711 DEL SOL CT
 CERES, CA 95307
 EPA ID: CAR000176735
 Contact: LEOPOLDO OROZCO
 Contact address: 711 DEL SOL CT
 CERES, CA 95307
 Contact country: US
 Contact telephone: 209-652-4194
 Contact email: Not reported
 EPA Region: 09
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LEOPOLDO
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 11/01/2001
 Owner/Op end date: Not reported
 Owner/operator name: LEOPOLDO OROZCO
 Owner/operator address: 711 DEL SOL CT
 CERES, CA 95307
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 11/01/2001
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: Yes
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Commercial status unknown

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

OROZCO TRUCKING (Continued)

1010313687

Violation Status: No violations found

1

**OROZCO TRUCKING
711 DEL SOL CT
CERES, CA 95307**

**FINDS 1010459124
N/A**

FINDS:

Registry ID: 110031351953

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

2

**SECRETO FARM
3807 CROWSLANDING RD
MODESTO, CA 95351**

**CA FID UST S101626485
SWEEPS UST N/A**

CA FID UST:

Facility ID: 50002709
 Regulated By: UTNKA
 Regulated ID: 00002618
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2095374228
 Mail To: Not reported
 Mailing Address: 3807 CROWSLANDING RD
 Mailing Address 2: Not reported
 Mailing City, St, Zip: MODESTO 95351
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: Not reported
 Comp Number: 2618
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-002618-000001
 Actv Date: Not reported
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: PRODUCT

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

SECRETO FARM (Continued)

S101626485

Content: LEADED
 Number Of Tanks: 1

**3 SECRETO FARM
 3807 CROWS LANDING RD
 MODESTO, CA 95351**

**HIST UST U001607205
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000002618
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095374228
 Owner Name: LUCIEN SECRETO
 Owner Address: 3807 CROWSLANDING RD.
 Owner City,St,Zip: MODESTO, CA 95351

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

**3 1X SECRETO PAULINE
 3807 CROWS LANDING ROAD
 MODESTO, CA 95358**

**HAZNET S103656359
 N/A**

HAZNET:
 Gepaid: CAC000940992
 Contact: PAULINE SECRETO
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1440 LAVISTA AVE
 Mailing City,St,Zip: CONCORD, CA 945210000
 Gen County: Stanislaus
 TSD EPA ID: CAD083166728
 TSD County: Stanislaus
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: .1251
 Facility County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

4 **HELENA CHEMICAL**
312 SERVICE RD W
MODESTO, CA 95351

LUST **S102431296**
HIST CORTESE **N/A**

LUST:

Region: STATE
 Global Id: T0609900026
 Latitude: 37.6258348
 Longitude: -120.9994347
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 1989-06-08 00:00:00
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Case Worker: Not reported
 Local Agency: STANISLAUS COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: Not reported
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminats of Concern: Diesel
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Case Closed
 Case Number: 500028
 Case Type: Soil only
 Substance: DIESEL
 Staff Initials: MTS
 Lead Agency: Regional
 Program: LUST
 MTBE Code: N/A

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500028

4 **312 W SERVICE RD.**
312 W SERVICE RD.
MODESTO, CA

HMIRS **2005700577**
N/A

[Click this hyperlink](#) while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

4 **HELENA CHEMICAL COMPANY**
312 W. SERVICE RD
MODESTO, CA 95313

SLIC S106486736
N/A

SLIC:
 Region: STATE
Facility Status: Open - Inactive
 Status Date: 1985-01-01 00:00:00
 Global Id: SLT5S5193463
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Lead Agency Case Number: Not reported
 Latitude: 37.6614754008505
 Longitude: -120.993525209235
 Case Type: Cleanup Program Site
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 File Location: Not reported
 Potential Media Affected: Under Investigation
 Potential Contaminants of Concern: Not reported
 Site History: Not reported

4 **HELENA CHIMICAL CO. JERRY M OYE**
312 W SERVICE RD
MODESTO, CA 95351

CA FID UST 1000590946
HIST UST N/A
EMI
SWEEPS UST

CA FID UST:
 Facility ID: 50000874
 Regulated By: UTKI
 Regulated ID: 00019642
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2095382615
 Mail To: Not reported
 Mailing Address: P O BOX
 Mailing Address 2: Not reported
 Mailing City,St,Zip: MODESTO 95351
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

HIST UST:
 Region: STATE
 Facility ID: 00000019642
 Facility Type: Other
 Other Type: AGRICULTUAL CHEMICAL
 Total Tanks: 0002
 Contact Name: R
 Telephone: 2095382615
 Owner Name: HELENA CHIMICAL CO.
 Owner Address: 5100 POPLAR AVE SUITE 3200
 Owner City,St,Zip: MEMPHIS, TN 38137

Tank Num: 001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HELENA CHIMICAL CO. JERRY M OYE (Continued)

1000590946

Container Num: 1
 Year Installed: 1982
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1983
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

EMI:

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 7416
 Air District Name: SJU
 SIC Code: 5191
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: .013180555555555555
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .0082125

Year: 2007
 County Code: 50
 Air Basin: SJV
 Facility ID: 7416
 Air District Name: SJU
 SIC Code: 5191
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: .013180555555555555
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .0082125

Year: 2007
 County Code: 19
 Air Basin: SC
 Facility ID: 7416
 Air District Name: SC

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HELENA CHIMICAL CO. JERRY M OYE (Continued)

1000590946

SIC Code: 2813
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .2093613288700972358
 Reactive Organic Gases Tons/Yr: .103
 Carbon Monoxide Emissions Tons/Yr: .716
 NOX - Oxides of Nitrogen Tons/Yr: 1.21
 SOX - Oxides of Sulphur Tons/Yr: .008
 Particulate Matter Tons/Yr: 11.042
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 7.7539

SWEEPS UST:

Status: Not reported
 Comp Number: 19642
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-019642-000001
 Actv Date: Not reported
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 2

Status: Not reported
 Comp Number: 19642
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-019642-000002
 Actv Date: Not reported
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

4

**HELENA CHEMICAL COMPANY
 312 W SERVICE RD
 MODESTO, CA 95358**

**RCRA-SQG 1006805729
 FINDS CAR000140517
 HAZNET**

RCRA-SQG:

Date form received by agency: 02/11/2003
 Facility name: HELENA CHEMICAL COMPANY
 Facility address: 312 W SERVICE RD
 MODESTO, CA 95358
 EPA ID: CAR000140517

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HELENA CHEMICAL COMPANY (Continued)

1006805729

Mailing address: SCHILLING BLVD STE 300
 COLLIERVILLE, TN 38017

Contact: EDWARD B BRISTER
 Contact address: SCHILLING BLVD STE 300
 COLLIERVILLE, TN 38017

Contact country: US
 Contact telephone: (901) 761-0050
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: HELENA CHEMICAL COMPANY
 Owner/operator address: Not reported
 Not reported

Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 04/01/1974
 Owner/Op end date: Not reported

Owner/operator name: HELENA CHEMICAL COMPANY
 Owner/operator address: Not reported
 Not reported

Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 04/01/1974
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Commercial status unknown

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HELENA CHEMICAL COMPANY (Continued)

1006805729

Hazardous Waste Summary:

Waste code: D001
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110014368424

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

HAZNET:

Gepaid: CAR000140517
 Contact: S T BOSWELL SAFETY & ENV.
 Telephone: 5592619030
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 580065
 Mailing City,St,Zip: MODESTO, CA 95358
 Gen County: Stanislaus
 TSD EPA ID: CAD044429835
 TSD County: Los Angeles
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Other
 Tons: 0.4
 Facility County: Not reported

Gepaid: CAR000140517
 Contact: S.T. BOSWELL, SAFETY & ENV.
 Telephone: 5592619030
 Facility Addr2: Not reported
 Mailing Name: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HELENA CHEMICAL COMPANY (Continued)

1006805729

Mailing Address: 225 SCHILLING BLVD STE 300
 Mailing City,St,Zip: COLLIERVILLE, TN 380170000
 Gen County: Stanislaus
 TSD EPA ID: CAD059494310
 TSD County: Stanislaus
 Waste Category: Off-specification, aged, or surplus organics
 Disposal Method: Transfer Station
 Tons: 0.57
 Facility County: Stanislaus

Gepaid: CAR000140517
 Contact: S.T. BOSWELL, SAFETY & ENV.
 Telephone: 5592619030
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 225 SCHILLING BLVD STE 300
 Mailing City,St,Zip: COLLIERVILLE, TN 380170000
 Gen County: Stanislaus
 TSD EPA ID: CAD059494310
 TSD County: Stanislaus
 Waste Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Other
 Tons: 0.04
 Facility County: Stanislaus

4

**312 WEST SERVICE ROAD
 MODESTO, CA 95358**

**CHMIRS S107449680
 N/A**

CHMIRS:

OES Incident Number: 04-0421
 OES notification: 1/23/200402:03:07 PM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S107449680

Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	Helena Chemical
Incident Date:	1/23/200412:00:00 AM
Admin Agency:	Stanislaus County Environmental Resources
Amount:	Not reported
Contained:	90%
Site Type:	Other
E Date:	Not reported
Substance:	spray oil
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	100
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Description:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	This is a paraffin based mineral oil. A piece of equipment malfunctioned, releasing the oil onto the ground.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

4	HELENA CHEMICAL COMPANY 312 W. SERVICE ROAD MODESTO, CA 95351	SSTS	1005430629 N/A
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SSTS:

Product:	OMNI OIL SUPREME
Status:	Active
Registration Number:	005905CA 011
Report Year:	1990
Permit:	Registered
Product Number:	00590500368
Product Type:	Repackaged or relabeled
Product Class:	Insecticide-Fungicide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	Not reported

Product:	OMNI OIL SUPREME
Status:	Active
Registration Number:	005905CA 011
Report Year:	1991
Permit:	Registered
Product Number:	00590500368
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Other Pesticides (includes insect repellents such as DEET)
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	Not reported

4	HELENA CHEMICAL CO 312 W. SERVICE RD MODESTO, CA 95351	SSTS	1004442412 N/A
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SSTS:

Product:	VOLCK SUPREME SPRAY
Status:	Active
Registration Number:	005905CA 011
Report Year:	Not reported
Permit:	Registered
Product Number:	05963900020
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	Not reported

Product:	OMNI SUPREME SPRAY / OMNI OIL 6-E
Status:	Active
Registration Number:	005905CA 011
Report Year:	Not reported
Permit:	Registered
Product Number:	00590500368
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Region: Not reported

Product: ENZONE
 Status: Active
 Registration Number: 005905CA 011
 Report Year: Not reported
 Permit: Registered
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Multi-Use Active Ingredient
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: METAM 426
 Status: Active
 Registration Number: 005905CA 011
 Report Year: Not reported
 Permit: Registered
 Product Number: 00548100423
 Product Type: Repackaged or relabeled
 Product Class: Multi-Use Active Ingredient
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: METAM CLR 42%
 Status: Active
 Registration Number: 005905CA 011
 Report Year: Not reported
 Permit: Registered
 Product Number: 04572800016
 Product Type: Repackaged or relabeled
 Product Class: Multi-Use Active Ingredient
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: OMNI SUPREME SPRAY
 Status: Active
 Registration Number: 005905CA 011
 Report Year: 1996
 Permit: Registered
 Product Number: 00590500368
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: METAM SODIUM 426
 Status: Active
 Registration Number: 005905CA 011

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Report Year: 1996
 Permit: Registered
 Product Number: 00548100423
 Product Type: Technical material or active ingredient
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: LIQUID LIME SULFUR
 Status: Active
 Registration Number: 005905CA 011
 Report Year: 1996
 Permit: Registered
 Product Number: 06434800001
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: All other products
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: DORMANT FLOWABLE EMULSION
 Status: Active
 Registration Number: 005905CA 011
 Report Year: 1996
 Permit: Registered
 Product Number: 03470400318
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: 415 SPRAY OIL
 Status: Active
 Registration Number: 005905CA 011
 Report Year: 1996
 Permit: Registered
 Product Number: 03470400727005905
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: PAR F 70 OIL
 Status: Active
 Registration Number: 005905CA 011
 Report Year: 1996
 Permit: Registered
 Product Number: 00590500520
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Product Use:	Restricted use only
UOM:	G
Market:	Marketed in the United States
Region:	Not reported
Product:	VOLCK SUPREME SPRAY
Status:	Active
Registration Number:	005905CA 011
Report Year:	1996
Permit:	Registered
Product Number:	05963900020
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Restricted use only
UOM:	G
Market:	Marketed in the United States
Region:	Not reported
Product:	DORMANT FLOWABLE EMULSION
Status:	Active
Registration Number:	005905CA 011
Report Year:	1997
Permit:	Registered
Product Number:	03470400318
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Restricted use only
UOM:	G
Market:	Marketed in the United States
Region:	Not reported
Product:	LIME SULFUR
Status:	Active
Registration Number:	005905CA 011
Report Year:	1997
Permit:	Registered
Product Number:	06434800001
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	All other products
UOM:	G
Market:	Marketed in the United States
Region:	Not reported
Product:	OMNI SUPREME SPRAY
Status:	Active
Registration Number:	005905CA 011
Report Year:	1997
Permit:	Registered
Product Number:	00590500368
Product Type:	End-use blend, formulation, or concentrate
Product Class:	Not reported
Product Use:	Restricted use only
UOM:	G
Market:	Marketed in the United States
Region:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Product: ENZONE INSECTICIDE & FUNGICIDE
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 1999
 Permit: Registered
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Multi-Use Active Ingredient
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 1999
 Permit: Registered
 Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: VOLCK SUPREME SPRAY
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 1999
 Permit: Registered
 Product Number: 05963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ULTRA
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 1999
 Permit: Registered
 Product Number: 00052400475
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 2000
 Permit: Registered

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ENZONE INSECTICIDE & FUNGICIDE
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 2000
 Permit: Registered
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Insecticide-Fungicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ULTRA
 Status: Not reported
 Registration Number: 005905CA 011
 Report Year: 2000
 Permit: Registered
 Product Number: 00052400475
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ULTRA
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2001
 Permit: Registered
 Product Number: 00052400475
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2001
 Permit: Registered
 Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Market: Marketed in the United States
 Region: 09

Product: ENZONE INSECTICIDE & FUNGICIDE
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2001
 Permit: Registered
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Insecticide-Fungicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ROUNDUP ULTRA MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2001
 Permit: Registered
 Product Number: 00052400512
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2002
 Permit: Registered
 Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ENZONE INSECTICIDE & FUNGICIDE (UNCLASSIFIED)
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2002
 Permit: Registered
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ROUNDUP ULTRA MAX
 Status: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Registration Number: 005905CA011
 Report Year: 2002
 Permit: Registered
 Product Number: 00052400512
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ENZONE INSECTICIDE & FUNGICIDE (UNCLASSIFIED)
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2003
 Permit: Registered
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: DORMANT OIL FLOWABLE
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2003
 Permit: Registered
 Product Number: 03470400318
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2003
 Permit: Registered
 Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ROUNDUP ULTRA MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2003
 Permit: Registered
 Product Number: 00052400512
 Product Type: Repackaged or relabeled

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ROUNDUP ORIGINAL
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2003
 Permit: Registered
 Product Number: 00052400445
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ENZONE INSECTICIDE & FUNGICIDE (UNCLASSIFIED)
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2004
 Permit: Not reported
 Product Number: 106889100002
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ORIGINAL
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2004
 Permit: Not reported
 Product Number: 100052400445
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2004
 Permit: Not reported
 Product Number: 100590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Product: ROUNDUP ULTRA MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2004
 Permit: Not reported
 Product Number: 100052400512
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ENZONE INSECTICIDE & FUNGICIDE (UNCLASSIFIED)
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2005
 Permit: Not reported
 Product Number: 06889100002
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP WEATHER MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2005
 Permit: Not reported
 Product Number: 00052400537
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ULTRA MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2005
 Permit: Not reported
 Product Number: 00052400512
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ORIGINAL MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2005
 Permit: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Product Number: 00052400539
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2005
 Permit: Not reported
 Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP WEATHER MAX
 Status: Not reported
 Registration Number: 005905-CA-011
 Report Year: 2006
 Permit: Not reported
 Product Number: 000524-00537
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Not reported
 Region: Not reported

Product: ROUNDUP ORIGINAL MAX
 Status: Not reported
 Registration Number: 005905-CA-011
 Report Year: 2006
 Permit: Not reported
 Product Number: 000524-00539
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Not reported
 Region: Not reported

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905-CA-011
 Report Year: 2006
 Permit: Not reported
 Product Number: 005905-00368
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Market: Not reported
 Region: Not reported

Product: ENZONE (INSECTI- FUNGI- NEMATICIDE)
 Status: Not reported
 Registration Number: 005905-CA-011
 Report Year: 2006
 Permit: Not reported
 Product Number: 066330-00069
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Not reported
 Region: Not reported

Product: ENZONE (INSECTI- FUNGI- NEMATICIDE)
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2007
 Permit: Registered
 Product Number: 06633000069
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: OMNI SUPREME SPRAY / OMNI OIL 6-E
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2007
 Permit: Registered
 Product Number: 00590500368
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: PROWL H2O HERBICIDE
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2007
 Permit: Registered
 Product Number: 00024100418
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ROUNDUP WEATHER MAX
 Status: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HELENA CHEMICAL CO (Continued)

1004442412

Registration Number: 005905CA011
 Report Year: 2007
 Permit: Registered
 Product Number: 00052400537
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: ROUNDUP ORIGINAL MAX
 Status: Not reported
 Registration Number: 005905CA011
 Report Year: 2007
 Permit: Registered
 Product Number: 00052400539
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

**5 ENIO FERRINI
 1307 SERVICE RD
 CERES, CA 95307**

**SWEEPS UST S106925842
 N/A**

SWEEPS UST:
 Status: Not reported
 Comp Number: 71251
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: Not reported
 Actv Date: Not reported
 Capacity: Not reported
 Tank Use: Not reported
 Stg: Not reported
 Content: Not reported
 Number Of Tanks: 0

**5 QUIK STOP MARKET #156
 1301 SERVICE
 CERES, CA 95351**

**SWEEPS UST S106930999
 N/A**

SWEEPS UST:
 Status: A
 Comp Number: 71282
 Number: 1
 Board Of Equalization: Not reported
 Ref Date: 01-15-93

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIK STOP MARKET #156 (Continued)

S106930999

Act Date: 01-15-93
 Created Date: 02-11-92
 Tank Status: A
 Owner Tank Id: 71282
 Swrcb Tank Id: 50-000-071282-000001
 Actv Date: 02-11-92
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: A
 Comp Number: 71282
 Number: 1
 Board Of Equalization: Not reported
 Ref Date: 01-15-93
 Act Date: 01-15-93
 Created Date: 02-11-92
 Tank Status: A
 Owner Tank Id: 71282
 Swrcb Tank Id: 50-000-071282-000002
 Actv Date: 02-11-92
 Capacity: 8000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 71282
 Number: 1
 Board Of Equalization: Not reported
 Ref Date: 01-15-93
 Act Date: 01-15-93
 Created Date: 02-11-92
 Tank Status: A
 Owner Tank Id: 71282
 Swrcb Tank Id: 50-000-071282-000003
 Actv Date: 02-11-92
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

5

**QUIK STOP MARKETS INC MKT #156
 1301 SERVICE ROAD
 CERES, CA 95307**

**HAZNET S107145533
 N/A**

HAZNET:
 Gepaid: CAL000045943
 Contact: MIKE KARVELOT
 Telephone: 5106578500
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4567 ENTERPRISE ST
 Mailing City,St,Zip: FREMONT, CA 945387605

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

QUIK STOP MARKETS INC MKT #156 (Continued)

S107145533

Gen County: Stanislaus
 TSD EPA ID: CAD028409019
 TSD County: Stanislaus
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Treatment, Tank
 Tons: 0.62
 Facility County: Stanislaus

Gepaid: CAL000045943
 Contact: MIKE KARVELOT
 Telephone: 5106578500
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4567 ENTERPRISE ST
 Mailing City,St,Zip: FREMONT, CA 945387605
 Gen County: Stanislaus
 TSD EPA ID: NVD980895338
 TSD County: 99
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: Recycler
 Tons: 0.33
 Facility County: Not reported

Gepaid: CAL000045943
 Contact: MIKE KARVELOT
 Telephone: 5106578500
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4567 ENTERPRISE ST
 Mailing City,St,Zip: FREMONT, CA 945387605
 Gen County: Stanislaus
 TSD EPA ID: NVD980895338
 TSD County: 99
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: Recycler
 Tons: 0.33
 Facility County: Not reported

Gepaid: CAL000045943
 Contact: MIKE KARVELOT
 Telephone: 5106578500
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 4567 ENTERPRISE ST
 Mailing City,St,Zip: FREMONT, CA 945387605
 Gen County: Stanislaus
 TSD EPA ID: NVD980895338
 TSD County: 99
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: H14
 Tons: 0.16
 Facility County: Stanislaus

Gepaid: CAL000045943
 Contact: MIKE KARVELOT
 Telephone: 5106578500
 Facility Addr2: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIK STOP MARKETS INC MKT #156 (Continued)

S107145533

Mailing Name: Not reported
 Mailing Address: 4567 ENTERPRISE ST
 Mailing City,St,Zip: FREMONT, CA 945387605
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: Alameda
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: H141
 Tons: 0.12
 Facility County: Stanislaus

[Click this hyperlink](#) while viewing on your computer to access
 1 additional CA_HAZNET: record(s) in the EDR Site Report.

**5 MILLER INDUSTRIAL PARK
 SERVICE RD / MORGAN RD
 CERES, CA 95307**

**NPDES S109450570
 N/A**

NPDES:

Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 30598
 Region: 5S
 Regulatory Measure Id: 202212
 Order No: 99-08DWQ
 Regulatory Measure Type: Storm water construction
 Place Id: 242963
 WDID: 5S50C321159
 Program Type: CONSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 4/22/2003
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Miller, Donald G
 Discharge Address: 909 Foxcroft Ln
 Discharge City: Modesto
 Discharge State: CA
 Discharge Zip: 95355-4705

**6 CLASSIC WINE VINEGAR
 4110 BREWMASTER DR
 CERES, CA 95307**

**NPDES S109439946
 N/A**

NPDES:

Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 11229
 Region: 5S
 Regulatory Measure Id: 202469
 Order No: 99-08DWQ
 Regulatory Measure Type: Storm water construction
 Place Id: 217900
 WDID: 5S50C331007
 Program Type: CONSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 11/18/2004

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CLASSIC WINE VINEGAR (Continued)

S109439946

Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Classic Wine Vinegar
 Discharge Address: 1450 Carpenter Ln
 Discharge City: Modesto
 Discharge State: CA
 Discharge Zip: 95351

**6 MILLER INVESTMENTS LP
 950 E SERVICE RD
 CERES, CA 95307**

**HAZNET S107140149
 N/A**

HAZNET:

Gepaid: CAC002562296
 Contact: DON MILLER
 Telephone: 2095242477
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 205 SPENKER AVE
 Mailing City,St,Zip: MODESTO, CA 95354
 Gen County: Stanislaus
 TSD EPA ID: CAD981382732
 TSD County: Stanislaus
 Waste Category: Asbestos-containing waste
 Disposal Method: Not reported
 Tons: 1.26
 Facility County: Stanislaus

Gepaid: CAC002562296
 Contact: DON MILLER
 Telephone: 2095242477
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 205 SPENKER AVE
 Mailing City,St,Zip: MODESTO, CA 95354
 Gen County: Stanislaus
 TSD EPA ID: CAD981382732
 TSD County: Stanislaus
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 1.68
 Facility County: Stanislaus

**6 E.R. VINE & SONS
 820 SERVICE RD
 CERES, CA 95307**

**EMI S109281410
 N/A**

EMI:

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 4198
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

E.R. VINE & SONS (Continued)

S109281410

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1335907047853503722
Reactive Organic Gases Tons/Yr:	.13288409481811518
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2007
County Code:	50
Air Basin:	SJV
Facility ID:	4198
Air District Name:	SJU
SIC Code:	5541
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1815898351932861551
Reactive Organic Gases Tons/Yr:	.18062934031677254
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2007
County Code:	10
Air Basin:	SJV
Facility ID:	4198
Air District Name:	SJU
SIC Code:	6512
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.0047956256722839727
Reactive Organic Gases Tons/Yr:	.0040125
Carbon Monoxide Emissions Tons/Yr:	.0126645752638578
NOX - Oxides of Nitrogen Tons/Yr:	.027010462295562
SOX - Oxides of Sulphur Tons/Yr:	.0000265
Particulate Matter Tons/Yr:	.0004261444614375717
Part. Matter 10 Micrometers & Smlr Tons/Yr:	.00041591699436307

6

**ER VINE & SONS SERVICE ROAD CARDLOCK
 820 SERVICE ROAD
 CERES, CA 95307**

**HAZNET S109426235
 N/A**

HAZNET:
 Gepaid: CAL000314458
 Contact: RICHARD ERICKSON
 Telephone: 2095370723
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2825 RAILROAD AVE
 Mailing City,St,Zip: CERES, CA 953074625
 Gen County: Stanislaus
 TSD EPA ID: CAL000190816
 TSD County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ER VINE & SONS SERVICE ROAD CARDLOCK (Continued)

S109426235

Waste Category: Waste oil and mixed oil
 Disposal Method: H141
 Tons: 0.68
 Facility County: Stanislaus

**6 E.R. VINE AND SONS SERVICE ROAD CARDLOCK
 820 SERVICE ROAD
 CERES, CA 95307**

**UST U003783299
 N/A**

UST:
 Global ID: 11891
 Latitude: 37.58035
 Longitude: -120.98232

**6 BROWN RANCH
 901 E SERVICE RD
 CERES, CA 95307**

**HIST UST U001604874
 SWEEPS UST N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000046518
 Facility Type: Other
 Other Type: RANCH
 Total Tanks: 0001
 Contact Name: OWNER
 Telephone: 2095373524
 Owner Name: LEONARD J. BROWN
 Owner Address: 1131 E. SERVICE RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 12 gauge
 Leak Detection: Stock Inventor

SWEEPS UST:
 Status: A
 Comp Number: 46518
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-046518-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**7 CLARK PEST CONTROL
 480 E SERVICE RD
 MODESTO, CA 95358**

**HAZNET S109425100
 N/A**

HAZNET:
 Gepaid: CAL000292713
 Contact: RONALD FAIR
 Telephone: 2095565200
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 480 E SERVICE RD
 Mailing City,St,Zip: MODESTO, CA 95358
 Gen County: Stanislaus
 TSD EPA ID: CAD980884183
 TSD County: Sacramento
 Waste Category: Off-specification, aged, or surplus organics
 Disposal Method: H141
 Tons: 0.2
 Facility County: Stanislaus

**8 BORDEN & SONS CANE & RIGGING
 1112 SERVICE RD
 CERES, CA 95307**

**SWEEPS UST S106923480
 N/A**

SWEEPS UST:
 Status: Not reported
 Comp Number: 30298
 Number: Not reported
 Board Of Equalization: 44-028730
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-030298-000001
 Actv Date: Not reported
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: 2

Status: Not reported
 Comp Number: 30298
 Number: Not reported
 Board Of Equalization: 44-028730
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-030298-000002
 Actv Date: Not reported
 Capacity: 5000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID Direction EDR ID Number
 Distance Database(s) EPA ID Number
 Distance (ft.)Site

8 BORDEN & SON CRANE RCRA-SQG 1000187030
 1112 E SERVICE RD FINDS CAD982060899
 CERES, CA 95307 LUST
 HIST UST
 HIST CORTESE

RCRA-SQG:

Date form received by agency: 09/01/1996
 Facility name: BORDEN & SON CRANE
 Facility address: 1112 E SERVICE RD
 CERES, CA 95307
 EPA ID: CAD982060899
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TERRY BORDEN
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported
 Owner/operator name: NOT REQUIRED
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
 Mixed waste (haz. and radioactive): Unknown
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: Unknown
 Furnace exemption: Unknown
 Used oil fuel burner: No
 Used oil processor: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BORDEN & SON CRANE (Continued)

1000187030

User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/08/1987
 Facility name: BORDEN & SON CRANE
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002791408

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region: STATE
 Global Id: T0609900173
 Latitude: 37.5801939
 Longitude: -120.9781104
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 1998-03-03 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 LOC Case Number: Not reported
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Diesel
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Case Closed
 Case Number: 500198
 Case Type: Soil only
 Substance: DIESEL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BORDEN & SON CRANE (Continued)

1000187030

Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

HIST UST:

Region: STATE
 Facility ID: 00000030298
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0002
 Contact Name: TERRY BORDEN
 Telephone: 2095384601
 Owner Name: NOEL BORDEN BORDEN & SONS
 Owner Address: 1112 E SERVICE RD
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1982
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 10 gauge
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1982
 Tank Capacity: 00005000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500198

9

**CROWS LANDING RD / SERVICE RD
 UNINC, CA**

**CHMIRS S100218292
 N/A**

CHMIRS:

OES Incident Number: 8910165
 OES notification: Not reported
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: 27-FEB-89
Date Completed: 27-FEB-89
 Property Use: 962
 Agency Id Number: 66069
 Agency Incident Number: 99999
 Time Notified: 15
 Time Completed: 215

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S100218292

Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: K
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: N
 Resp Agency Personel # Of Decontaminated: 0
 Responding Agency Personel # Of Injuries: 0
 Responding Agency Personel # Of Fatalities:0
 Others Number Of Decontaminated: 0
 Others Number Of Injuries: 0
 Others Number Of Fatalities: 0
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: 89879
 Company Name: Not reported
 Reporting Officer Name/ID: L. ACEVEDO #8721
 Report Date: 15-MAR-89
 Comments: Not reported
 Facility Telephone: 916 445-1865
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Not reported
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 88-92
 Agency: Not reported
 Incident Date: Not reported
 Admin Agency: Not reported
 Amount: Not reported
 Contained: Not reported
 Site Type: Not reported
 E Date: 07-MAY-90
 Substance: Not reported
 Quantity Released: Not reported
 BBLS: Not reported
 Cups: Not reported
 CUFT: Not reported
 Gallons: Not reported
 Grams: Not reported
 Pounds: Not reported
 Liters: Not reported
 Ounces: Not reported
 Pints: Not reported
 Quarts: Not reported
 Sheen: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

(Continued)

S100218292

Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported

**9 AIR-O-FAN SALES & SERVICE
142 W SERVICE
MODESTO, CA 95351**

**SWEEPS UST S106922469
N/A**

SWEEPS UST:

Status:	Not reported
Comp Number:	71250
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	0

**10 624 EAST SERVICE RD
624 EAST SERVICE RD
MODESTO, CA 95351**

**ERNS 91234661
N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**10 STANISLAUS FARM SUPPLY
624 EAST SERVICE RD
MODESTO, CA 95351**

**SSTS 1005437277
N/A**

SSTS:

Product:	ORTHO VOLCK SUPREME
Status:	Active
Registration Number:	044664CA 001
Report Year:	1990
Permit:	Registered
Product Number:	00023901736
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437277

Market: Marketed in the United States
 Region: Not reported

Product: SUPER 94 440 SPRAY OIL
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1990
 Permit: Registered
 Product Number: 03470400464
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ORTHO VOLCK SUPREME
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1991
 Permit: Registered
 Product Number: 00023901736
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: SUPER 94/440 SPRAY OIL
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1991
 Permit: Registered
 Product Number: 03470400464
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: GAVICIDE SUPER 90
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1992
 Permit: Registered
 Product Number: 00120200178
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: VOLCK SUPREME SPRAY
 Status: Active

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site
 Database(s)
 EPA ID Number
 EDR ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437277

Registration Number: 044664CA 001
 Report Year: 1992
 Permit: Registered
 Product Number: 05963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

**10 624 E SERVICE RD
 624 E SERVICE RD
 MODESTO, CA 95358**

**ERNS 93320525
 N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**10 624 E. SERVICE RD
 624 E. SERVICE RD
 MODESTO, CA -**

**ERNS 91467088
 N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**10 624 E. SERVICE RD.
 MODESTO, CA 95351**

**CHMIRS S100274886
 N/A**

CHMIRS:
 OES Incident Number: 8905650
 OES notification: Not reported
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: 07-APR-89
Date Completed: 07-APR-89
 Property Use: 650
 Agency Id Number: 50707
 Agency Incident Number: 99999
 Time Notified: 1220
 Time Completed: 1315
 Surrounding Area: 650
 Estimated Temperature: 93
 Property Management: P
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

(Continued)

S100274886

More Than Two Substances Involved?: N
 Resp Agency Personel # Of Decontaminated: 0
 Responding Agency Personel # Of Injuries: 1
 Responding Agency Personel # Of Fatalities:0
 Others Number Of Decontaminated: 0
 Others Number Of Injuries: 0
 Others Number Of Fatalities: 0
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: SONYA KAE HARRIGFIELD #36
 Report Date: 07-APR-89
 Comments: Not reported
 Facility Telephone: 209 525-4150
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Not reported
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 88-92
 Agency: Not reported
 Incident Date: Not reported
 Admin Agency: Not reported
 Amount: Not reported
 Contained: Not reported
 Site Type: Not reported
 E Date: 08-MAY-90
 Substance: Not reported
 Quantity Released: Not reported
 BBLS: Not reported
 Cups: Not reported
 CUFT: Not reported
 Gallons: Not reported
 Grams: Not reported
 Pounds: Not reported
 Liters: Not reported
 Ounces: Not reported
 Pints: Not reported
 Quarts: Not reported
 Sheen: Not reported
 Tons: Not reported
 Unknown: Not reported
 Description: Not reported
 Evacuations: Not reported
 Number of Injuries: Not reported
 Number of Fatalities: Not reported
 Description: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**10 STANISLAUS FARM SUPPLY
 624 EAST SERVICE ROAD
 MODESTO, CA 95358**

**SLIC S106487431
 HAULERS N/A**

SLIC:

Region: STATE
Facility Status: Open - Remediation
 Status Date: 2006-07-01 00:00:00
 Global Id: SL0609936239
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Lead Agency Case Number: Not reported
 Latitude: 37.5793614972371
 Longitude: -120.984438657761
 Case Type: Cleanup Program Site
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 File Location: Regional Board
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: * Fertilizers
 Site History: Not reported

HAULERS:

Facility ID: 1004697
 Facility Phone: (209) 538-7070

**10 STANISLAUS FARM SUPPLY SOME ARCHIVED
 624 SERVICE RD E
 MODESTO, CA**

**SLIC S106230551
 N/A**

SLIC:

Region: 5
 Facility Status: Remediation Underway
 Unit: Facility is a Spill or site
 Pollutant: nitrates, ammonia
 Lead Agency: AST
 Date Filed: / /
 Report Date: / /
 Date Added: Not reported
 Date Closed: Not reported

**10 624 E. SERVICE RD
 624 E. SERVICE RD
 MODESTO, CA**

**ERNS 91231883
 N/A**

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

10	STANISLAUS FARM SUPPLY CO 624 E SERVICE RD MODESTO, CA 95351	FINDS HAZNET CA FID UST AST HIST UST RCRA-NonGen	1000316272 CAD028690717
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FINDS:

Registry ID: 110000523513

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

HAZNET:

Gepaid:	CAD028690717
Contact:	COOPERATIVE FARM
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	624 E SERVICE RD
Mailing City,St,Zip:	MODESTO, CA 953589402
Gen County:	Stanislaus
TSD EPA ID:	CAD980818645
TSD County:	Kern
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	1.3344
Facility County:	Stanislaus
Gepaid:	CAD028690717

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY CO (Continued)

1000316272

Contact: COOPERATIVE FARM
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 624 E SERVICE RD
 Mailing City,St,Zip: MODESTO, CA 953589402
 Gen County: Stanislaus
 TSD EPA ID: CAD009452657
 TSD County: San Mateo
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: Recycler
 Tons: .2293
 Facility County: Stanislaus

Gepaid: CAD028690717
 Contact: COOPERATIVE FARM
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 624 E SERVICE RD
 Mailing City,St,Zip: MODESTO, CA 953589402
 Gen County: Stanislaus
 TSD EPA ID: NVD982358483
 TSD County: 99
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Tons: 1.0425
 Facility County: Stanislaus

Gepaid: CAD028690717
 Contact: ANSELMO BETTENCOURT
 Telephone: 2095413104
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 624 E SERVICE RD
 Mailing City,St,Zip: MODESTO, CA 953589402
 Gen County: Stanislaus
 TSD EPA ID: CAT080033681
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Recycler
 Tons: 0.45
 Facility County: Not reported

Gepaid: CAD028690717
 Contact: ANSELMO BETTENCOURT
 Telephone: 2095413104
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 624 E SERVICE RD
 Mailing City,St,Zip: MODESTO, CA 953589402
 Gen County: Stanislaus
 TSD EPA ID: CAD097030993
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Disposal, Land Fill
 Tons: 0.32

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

STANISLAUS FARM SUPPLY CO (Continued)

1000316272

Facility County: Stanislaus

[Click this hyperlink](#) while viewing on your computer to access 3 additional CA_HAZNET: record(s) in the EDR Site Report.

CA FID UST:

Facility ID: 50000440
 Regulated By: UTNKA
 Regulated ID: 00007420
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2095387070
 Mail To: Not reported
 Mailing Address: 624 E SERVICE RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: MODESTO 95351
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

AST:

Owner: 'STANISLAUS FARM SUPPLY
 Total Gallons: 1544
 Certified Unified Program Agencies: Stanislaus

HIST UST:

Region: STATE
 Facility ID: 00000007420
 Facility Type: Other
 Other Type: FARM SUPPLIES RETAIL
 Total Tanks: 0004
 Contact Name: ANSELMO BETTENCOURT
 Telephone: 2095387070
 Owner Name: STANISLAUS FARM SUPPLY
 Owner Address: 624 E. SERVICE RD.
 Owner City,St,Zip: MODESTO, CA 95351

Tank Num: 001
 Container Num: 4
 Year Installed: 1982
 Tank Capacity: 00220000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Tank Construction: 2' unknown
 Leak Detection: None

Tank Num: 002
 Container Num: 1
 Year Installed: 1980
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY CO (Continued)

1000316272

Tank Construction: 1/4 gauge
 Leak Detection: None

Tank Num: 003
 Container Num: 2
 Year Installed: 1980
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 1/4 inches
 Leak Detection: None

Tank Num: 004
 Container Num: 3
 Year Installed: 1977
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 gauge
 Leak Detection: None

RCRA-NonGen:

Date form received by agency: 08/19/1980
 Facility name: STANISLAUS FARM SUPPLY CO
 Facility address: 624 E SERVICE RD
 MODESTO, CA 95351
 EPA ID: CAD028690717
 Mailing address: E SERVICE RD
 MODESTO, CA 95351
 Contact: ENVIRONMENTAL MANAGER
 Contact address: 624 E SERVICE RD
 MODESTO, CA 95351
 Contact country: US
 Contact telephone: (209) 537-0769
 Contact email: Not reported
 EPA Region: 09
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: COOPERATIVE
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

STANISLAUS FARM SUPPLY CO (Continued)

1000316272

Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
 Mixed waste (haz. and radioactive): Unknown
 Recycler of hazardous waste: No
 Transporter of hazardous waste: Yes
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: Unknown
 Furnace exemption: Unknown
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

10

**STANISLAUS FARM SUPPLY
 624 E SERVICE RD
 MODESTO, CA 95351**

**SSTS 1005437276
 EMI N/A
 SWEEPS UST**

SSTS:

Product: VOLCK SUPREME SPRAY
 Status: Active
 Registration Number: 044664CA 001
 Report Year: Not reported
 Permit: Registered
 Product Number: 05963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: DORMANT FLOWABLE EMULSION
 Status: Active
 Registration Number: 044664CA 001
 Report Year: Not reported
 Permit: Registered
 Product Number: 03470400318
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: DORMANT FLOWABLE EMULSION
 Status: Active
 Registration Number: 044664CA 001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Report Year: 1996
 Permit: Registered
 Product Number: 03470400318
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: VOLCK SUPREME SPRAY
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1996
 Permit: Registered
 Product Number: 05963900020
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: DORMANT FLOWABLE EMULSION
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1997
 Permit: Registered
 Product Number: 03470400318
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: VOLCK SUPREME SPRAY
 Status: Active
 Registration Number: 044664CA 001
 Report Year: 1997
 Permit: Registered
 Product Number: 05963900020
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Restricted use only
 UOM: G
 Market: Marketed in the United States
 Region: Not reported

Product: VOLCK SUPREME SPRAY
 Status: Not reported
 Registration Number: 044664CA 001
 Report Year: 1999
 Permit: Registered
 Product Number: 05963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: DORMANT FLOWABLE EMULSION
 Status: Not reported
 Registration Number: 044664CA 001
 Report Year: 1999
 Permit: Registered
 Product Number: 03470400318
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: ROUNDUP ULTRA
 Status: Not reported
 Registration Number: 044664CA 001
 Report Year: 2000
 Permit: Registered
 Product Number: 00052400475
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: VOLCK SUPREME SPRAY
 Status: Not reported
 Registration Number: 044664CA 001
 Report Year: 2000
 Permit: Registered
 Product Number: 05963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: DORMANT FLOWABLE EMULSION
 Status: Not reported
 Registration Number: 044664CA 001
 Report Year: 2000
 Permit: Registered
 Product Number: 03470400318
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Product:	VOLCK SUPREME SPRAY
Status:	Not reported
Registration Number:	044664CA001
Report Year:	2001
Permit:	Registered
Product Number:	05963900020
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	09
Product:	DORMANT FLOWABLE EMULSION
Status:	Not reported
Registration Number:	044664CA001
Report Year:	2001
Permit:	Registered
Product Number:	03470400318
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	09
Product:	VOLCK SUPREME SPRAY
Status:	Not reported
Registration Number:	044664CA001
Report Year:	2002
Permit:	Registered
Product Number:	05963900020
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	09
Product:	DORMANT FLOWABLE EMULSION
Status:	Not reported
Registration Number:	044664CA001
Report Year:	2003
Permit:	Registered
Product Number:	03470400318
Product Type:	Repackaged or relabeled
Product Class:	Insecticide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	09
Product:	ROUNDUP ULTRA
Status:	Not reported
Registration Number:	044664CA001
Report Year:	2003
Permit:	Registered

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Product Number: 00052400475
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: VOLCK SUPREME SPRAY
 Status: Not reported
 Registration Number: 044664CA001
 Report Year: 2003
 Permit: Registered
 Product Number: 05963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: VOLCK SUPREME SPRAY (GENERAL USE PESTICIDE)
 Status: Not reported
 Registration Number: 044664CA001
 Report Year: 2004
 Permit: Not reported
 Product Number: 105963900020
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported

Product: SUPER 94 SPRAY OIL
 Status: Not reported
 Registration Number: 044664-CA-001
 Report Year: 2006
 Permit: Not reported
 Product Number: 034704-00464
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Not reported
 Region: Not reported

Product: LOVELAND 415 OIL (SUPP -34704, CANCELLED IN ')
 Status: Not reported
 Registration Number: 044664-CA-001
 Report Year: 2006
 Permit: Not reported
 Product Number: 005481-00510
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Market: Not reported
 Region: Not reported

 Product: SUPER 94 SPRAY OIL
 Status: Not reported
 Registration Number: 044664CA001
 Report Year: 2007
 Permit: Registered
 Product Number: 03470400464
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

Product: LOVELAND 415 OIL (SUPP -34704, CANCELLED IN '04)
 Status: Not reported
 Registration Number: 044664CA001
 Report Year: 2007
 Permit: Registered
 Product Number: 00548100510
 Product Type: Repackaged or relabeled
 Product Class: Insecticide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 09

EMI:

Year: 2005
 County Code: 50
 Air Basin: SJV
 Facility ID: 2192
 Air District Name: SJU
 SIC Code: 2875
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 8.113586772147039428
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 5.542950994506834

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 2192
 Air District Name: SJU
 SIC Code: 2875
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 8.514411095238095238
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 5.9915655

SWEEPS UST:

Status: Not reported
 Comp Number: 7420
 Number: Not reported
 Board Of Equalization: 44-028486
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-007420-000004
 Actv Date: Not reported
 Capacity: 250
 Tank Use: OIL
 Stg: WASTE
 Content: WASTE OIL
 Number Of Tanks: 1

Status: A
 Comp Number: 7420
 Number: 1
 Board Of Equalization: 44-028486
 Ref Date: 06-23-93
 Act Date: 06-23-93
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-007420-000001
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: A
 Comp Number: 7420
 Number: 1
 Board Of Equalization: 44-028486
 Ref Date: 06-23-93
 Act Date: 06-23-93
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-007420-000002
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STANISLAUS FARM SUPPLY (Continued)

1005437276

Number Of Tanks: Not reported

Status: A
 Comp Number: 7420
 Number: 1
 Board Of Equalization: 44-028486
 Ref Date: 06-23-93
 Act Date: 06-23-93
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-007420-000003
 Actv Date: 07-01-85
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

10

**STANISLAUS FARM SUPPLY
 624 E SERVICE RD
 MODESTO, CA 95358**

**FTTS 1009524179
 HIST FTTS N/A**

FTTS INSP:
 Inspection Number: 19930929F2556 1
 Region: 09
 Inspection Date: 09/29/93
 Inspector: AANDERSON
 Violation occurred: No
 Investigation Type: General Product Review
 Investigation Reason: Neutral Scheme, State
 Legislation Code: FIFRA
 Facility Function: Marketplace

HIST FTTS INSP:
 Inspection Number: 19930929F2556 1
 Region: 09
 Inspection Date: Not reported
 Inspector: AANDERSON
 Violation occurred: No
 Investigation Type: General Product Review
 Investigation Reason: Neutral Scheme, State
 Legislation Code: FIFRA
 Facility Function: Marketplace

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

10	STANISLAUS FARM SUPPLY 624 E SERVICE RD MODESTO, CA 95351	FINDS	1011988757 N/A
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FINDS:

Registry ID: 110038007732

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

11	QUICK STOP MARKET #156 1301 SERVICE ROAD CERES, CA	EMI	S107621804 N/A
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EMI:

Year:	2004
County Code:	50
Air Basin:	SJV
Facility ID:	2116
Air District Name:	SJU
SIC Code:	5541
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.875929039
Reactive Organic Gases Tons/Yr:	0.871568598
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2005
County Code:	50
Air Basin:	SJV
Facility ID:	2116
Air District Name:	SJU
SIC Code:	5541
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.6163362590443703139
Reactive Organic Gases Tons/Yr:	.6130762317504881
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

11 **QUICK STOP MARKET #156**
1301 SERVICE RD
CERES, CA 95307

EMI **S109282331**
N/A

EMI:
 Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 2116
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .5560438952340772249
 Reactive Organic Gases Tons/Yr: .5531027762451177
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

12 **CITY OF CERES**
4029 BLAKER RD
CERES, CA 95307

EMI **S109280934**
N/A

EMI:
 Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 4967
 Air District Name: SJU
 SIC Code: 9199
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0038933343030917833
 Reactive Organic Gases Tons/Yr: .000355850755302589
 Carbon Monoxide Emissions Tons/Yr: .0126165251880009
 NOX - Oxides of Nitrogen Tons/Yr: .0064700125964107
 SOX - Oxides of Sulphur Tons/Yr: .000113225226687187
 Particulate Matter Tons/Yr: .0016272668753548088
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .00161750327410268

Year: 2007
 County Code: 50
 Air Basin: SJV
 Facility ID: 4967
 Air District Name: SJU
 SIC Code: 9199
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0202396053845303063
 Reactive Organic Gases Tons/Yr: .00184989993214607
 Carbon Monoxide Emissions Tons/Yr: .0656044975936413
 NOX - Oxides of Nitrogen Tons/Yr: .0336440637659431
 SOX - Oxides of Sulphur Tons/Yr: .0000454999983310699
 Particulate Matter Tons/Yr: .0006539235172617122
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .000649999976158142

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CITY OF CERES (Continued)

S109280934

Year: 2007
 County Code: 41
 Air Basin: SF
 Facility ID: 4967
 Air District Name: BA
 SIC Code: 7216
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .121
 Reactive Organic Gases Tons/Yr: .0845306
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

12

**BLAKER RNCH EST
 BLAKER RD / SERVICE RD
 CERES, CA**

**NPDES S109437603
 N/A**

NPDES:
 Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 44940
 Region: 5S
 Regulatory Measure Id: 202330
 Order No: 99-08DWQ
 Regulatory Measure Type: Storm water construction
 Place Id: 211584
 WDID: 5S50C325639
 Program Type: CONSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 1/26/2004
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Suncrest Ent LLC
 Discharge Address: Po Box 696
 Discharge City: Ripon
 Discharge State: CA
 Discharge Zip: 95366

12

**SERVICE / BLAKER
 CERES, CA**

**CHMIRS S105642738
 N/A**

CHMIRS:
 OES Incident Number: 017179
 OES notification: Not reported
 OES Date: 12/31/1996
 OES Time: 11:23:21 AM
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S105642738

Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agency Personnel # Of Decontaminated: Not reported
 Responding Agency Personnel # Of Injuries: Not reported
 Responding Agency Personnel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: YES
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: environmental waste
 Containment: Not reported
 What Happened: Not reported
 Type: PETROLEUM
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 1996
 Agency: chp-modesto
 Incident Date: 1029 31Dec96
 Admin Agency: Not reported
 Amount: approx 300 gals
 Contained: NO
 Site Type: RD
 E Date: Not reported
 Substance: oil
 Quantity Released: Not reported
 BBLs: Not reported
 Cups: Not reported
 CUFT: Not reported
 Gallons: Not reported
 Grams: Not reported
 Pounds: Not reported
 Liters: Not reported
 Ounces: Not reported
 Pints: Not reported

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

(Continued)

S105642738

Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	citiz reported bulk supreme oil spilled on the roadway. unk source, possibly from a truck. roadway is blocked off.
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
Description:	Not reported

**12 CITY OF CERES - PUBLIC WORKS
1648 SERVICE RD
CERES, CA 95307**

**HAZNET S105083730
N/A**

HAZNET:

Gepaid:	CAC001440976
Contact:	CITY OF CERES
Telephone:	2095385789
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2220 MAGNOLIA ST
Mailing City,St,Zip:	CERES, CA 953070000
Gen County:	Stanislaus
TSD EPA ID:	CAL000190080
TSD County:	San Joaquin
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.8428
Facility County:	Stanislaus

**13 K & D ENTERPRISES, INC
4107 MORGAN RD
CERES, CA 95307**

**EMI S109603871
N/A**

**14 CITY OF CERES
4200 MORGAN ROAD
CERES, CA 95307**

**EMI S108431421
N/A**

EMI:

Year:	2005
County Code:	50
Air Basin:	SJV
Facility ID:	4970
Air District Name:	SJU
SIC Code:	9199
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.3616735928699871714
Reactive Organic Gases Tons/Yr:	.03772198581211273
Carbon Monoxide Emissions Tons/Yr:	.07387902817875152

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CITY OF CERES (Continued)

S108431421

NOX - Oxides of Nitrogen Tons/Yr: .1626309077352285
 SOX - Oxides of Sulphur Tons/Yr: .0013025930786132775
 Particulate Matter Tons/Yr: .0032559593067672346
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .0032150602623075184

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 4970
 Air District Name: SJU
 SIC Code: 9199
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .1133188560809691189
 Reactive Organic Gases Tons/Yr: .01502236286959648
 Carbon Monoxide Emissions Tons/Yr: .03106120312347235
 NOX - Oxides of Nitrogen Tons/Yr: .159774925678569
 SOX - Oxides of Sulphur Tons/Yr: .001299296483546492
 Particulate Matter Tons/Yr: .0031888614497574001
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .003148364992439743

Year: 2007
 County Code: 50
 Air Basin: SJV
 Facility ID: 4970
 Air District Name: SJU
 SIC Code: 9199
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .1133188560809691189
 Reactive Organic Gases Tons/Yr: .01502236286959648
 Carbon Monoxide Emissions Tons/Yr: .03106120312347235
 NOX - Oxides of Nitrogen Tons/Yr: .159774925678569
 SOX - Oxides of Sulphur Tons/Yr: .001299296483546492
 Particulate Matter Tons/Yr: .0031888614497574001
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .003148364992439743

14

**CERES WWTP
 4200 MORGAN RD
 CERES, CA 95307**

**CA WDS S103341604
 N/A**

CA WDS:

Facility ID: San Joaquin 500100001
 Facility Type: Municipal/Domestic - Facility that treats sewage or a mixture of predominantly sewage and other waste from districts, municipalities, communities, hospitals, schools, and publicly or privately owned systems (excluding individual subsurface leaching systems disposing of less than 1,000 gallons per day).
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: Not reported
 Subregion: 0
 Facility Telephone: 2095385748
 Facility Contact: JOHN WILSON
 Agency Name: CERES CITY OF
 Agency Address: 2220 MAGNOLIA ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CERES WWTP (Continued)

S103341604

Agency City,St,Zip: CERES 95307
 Agency Contact: JOE HOLLSTEIN
 Agency Telephone: 2095385789
 Agency Type: City
 SIC Code: 4952
 SIC Code 2: Not reported
 Primary Waste: Domestic Sewage
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 2
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

14

**CITY OF CERES
 4200 MORGAN RD
 CERES, CA 95307**

**FINDS 1005584640
 N/A**

FINDS:

Registry ID: 110006784293

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

15	CITY OF CERES/PUBLIC WORKS 4209 BLAKER RD CERES, CA 95307	HAZNET	S105088174 N/A
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HAZNET:

Gepaid:	CAC002325945
Contact:	CITY OF CERES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2220 MAGNOLIA ST
Mailing City,St,Zip:	CERES, CA 953070000
Gen County:	Stanislaus
TSD EPA ID:	CAL000190080
TSD County:	San Joaquin
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	1.6856
Facility County:	Stanislaus

16	SACH'S ELECTRIC COMPANY 4500 CROWS LANDING ROAD MODESTO, CA 95348	HAZNET	S103660294 N/A
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HAZNET:

Gepaid:	CAC000721400
Contact:	EMPLOYEE OWNED
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	17177 KOALA ROAD
Mailing City,St,Zip:	ADELANTO, CA 923010000
Gen County:	Stanislaus
TSD EPA ID:	CAD982446890
TSD County:	San Joaquin
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	.6255
Facility County:	Stanislaus

16	SCOTT COMPANY 4500 CROWS LANDING ROAD MODESTO, CA 95348	HAZNET	S103987135 N/A
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HAZNET:

Gepaid:	CAC000905592
Contact:	SCOTT COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4500 CROWS LANDING ROAD
Mailing City,St,Zip:	MODESTO, CA 953480000
Gen County:	Stanislaus
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Other
Tons:	.5000

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SCOTT COMPANY (Continued)

S103987135

Facility County: Stanislaus

16

**ALMOND POWER PLT
 4500 CROWS LANDING ROAD
 MODESTO, CA 95358**

**FINDS 1006798077
 EMI N/A**

FINDS:

Registry ID: 110021087517

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ALMOND POWER PLT (Continued)

1006798077

Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

EMI:

Year:	2000
County Code:	50
Air Basin:	SJV
Facility ID:	3299
Air District Name:	SJU
SIC Code:	4931
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0

Year:	2001
County Code:	50
Air Basin:	SJV
Facility ID:	3299
Air District Name:	SJU
SIC Code:	4931
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	31
NOX - Oxides of Nitrogen Tons/Yr:	12
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	7
Part. Matter 10 Micrometers & Smlr Tons/Yr:	7

Year:	2002
County Code:	50
Air Basin:	SJV
Facility ID:	3299
Air District Name:	SJU
SIC Code:	4931
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ALMOND POWER PLT (Continued)

1006798077

Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	16
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	4
Part. Matter 10 Micrometers & Smlr Tons/Yr:	4
Year:	2003
County Code:	50
Air Basin:	SJV
Facility ID:	3299
Air District Name:	SJU
SIC Code:	4931
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	4
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	2004
County Code:	50
Air Basin:	SJV
Facility ID:	3299
Air District Name:	SJU
SIC Code:	4931
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.007159361
Reactive Organic Gases Tons/Yr:	0.0009403
Carbon Monoxide Emissions Tons/Yr:	0.00206155
NOX - Oxides of Nitrogen Tons/Yr:	0.00770205
SOX - Oxides of Sulphur Tons/Yr:	0.0004809
Particulate Matter Tons/Yr:	0.002147475
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0.00212856
Year:	2005
County Code:	50
Air Basin:	SJV
Facility ID:	3299
Air District Name:	SJU
SIC Code:	4931
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13.13345796203412367
Reactive Organic Gases Tons/Yr:	1.20282850002869964
Carbon Monoxide Emissions Tons/Yr:	2.02702000009119511
NOX - Oxides of Nitrogen Tons/Yr:	5.858478250227496
SOX - Oxides of Sulphur Tons/Yr:	.32995200002789497
Particulate Matter Tons/Yr:	3.515191162373597756
Part. Matter 10 Micrometers & Smlr Tons/Yr:	3.49404750002995133

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ALMOND POWER PLT (Continued)

1006798077

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 3299
 Air District Name: SJU
 SIC Code: 4931
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Y
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 15.44418006269057881
 Reactive Organic Gases Tons/Yr: 1.41402850002869964
 Carbon Monoxide Emissions Tons/Yr: 2.38222000009119511
 NOX - Oxides of Nitrogen Tons/Yr: 6.885678250227496
 SOX - Oxides of Sulphur Tons/Yr: .38755200002789497
 Particulate Matter Tons/Yr: 4.133299814285066569
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 4.10844750002995133

16

**TURLOCK IRRIGATION DISTRICT
 4500 CROWS LANDING ROAD
 MODESTO, CA 95358**

**ICIS 1011595695
 N/A**

ICIS:

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: NEI NTICA0995346
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: TURLOCK IRRIGATION DISTRICT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: NEI NEI2CA099299
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: TURLOCK IRRIGATION DISTRICT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: AIRS/AFS 06099N3299
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: TURLOCK IRRIGATION DISTRICT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: FRS 110021087517

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TURLOCK IRRIGATION DISTRICT (Continued)

1011595695

Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: ALMOND POWER PLT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: STANISLAUS
 EPA Region #: 10

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: RMP 100000134972
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: ALMOND POWER PLANT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: CAMDBS 7315
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: ALMOND POWER PLANT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0167
 FRS ID: 110021087517
 Program ID: EGRID 7315
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: Not reported
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: NEI NEI2CA099299
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: TURLOCK IRRIGATION DISTRICT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358
 Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: NEI NTICA0995346
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: TURLOCK IRRIGATION DISTRICT

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TURLOCK IRRIGATION DISTRICT (Continued)

1011595695

Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358

Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: AIRS/AFS 06099N3299
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: TURLOCK IRRIGATION DISTRICT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358

Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: FRS 110021087517
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: ALMOND POWER PLT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358

Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: STANISLAUS
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: RMP 100000134972
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: ALMOND POWER PLANT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358

Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: CAMDBS 7315
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: ALMOND POWER PLANT
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358

Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Enforcement Action ID: 09-1999-0087
 FRS ID: 110021087517
 Program ID: EGRID 7315
 Action Name: TURLOCK IRRIGATION DISTRICT
 Facility Name: Not reported
 Facility Address: 4500 CROWS LANDING ROAD
 MODESTO, California 95358

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

TURLOCK IRRIGATION DISTRICT (Continued)

1011595695

Enforcement Action Type: CAA 113D1 Action For Penalty
 Facility County: Not reported
 EPA Region #: 10

Program ID: AIRS/AFS 06099N3299
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: Not reported
 Fed Facility: Not reported
 NAIC Code: Not reported
 SIC Code: 4911

Program ID: CAMDBS 7315
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: Not reported
 Fed Facility: Not reported
 NAIC Code: Not reported
 SIC Code: 4911

Program ID: EGRID 7315
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: Not reported
 Fed Facility: Not reported
 NAIC Code: Not reported
 SIC Code: 4911

Program ID: FRS 110021087517
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: No
 Fed Facility: Not reported
 NAIC Code: Not reported
 SIC Code: 4911

Program ID: NEI NEI2CA099299
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: Not reported
 Fed Facility: Not reported
 NAIC Code: Not reported
 SIC Code: 4911

Program ID: NEI NTICA0995346
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: Not reported
 Fed Facility: Not reported
 NAIC Code: Not reported
 SIC Code: 4911

Program ID: RMP 100000134972
 Facility Name: ALMOND POWER PLT
 Address: 4500 CROWS LANDING ROAD MODESTO CA 95358
 Tribal Indicator: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TURLOCK IRRIGATION DISTRICT (Continued)

1011595695

Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	AIRS/AFS 06099N3299
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	CAMDBS 7315
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	EGRID 7315
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	FRS 110021087517
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	No
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	NEI NEI2CA099299
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	NEI NTICA0995346
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	RMP 100000134972
Facility Name:	ALMOND POWER PLT
Address:	4500 CROWS LANDING ROAD MODESTO CA 95358
Tribal Indicator:	Not reported
Fed Facility:	Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

TURLOCK IRRIGATION DISTRICT (Continued)

1011595695

NAIC Code: Not reported
 SIC Code: 4911

**17 CEN-CAL FIRE SYSTEMS, INC
 4400 CROWS LANDING ROAD
 MODESTO, CA 95358**

**FINDS 1011984971
 N/A**

FINDS:

Registry ID: 110037964744

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

**17 WINCO FOODS LLC
 4400 CROWS LANDING RD
 MODESTO, CA 95358**

**HAZNET S108225573
 N/A**

HAZNET:

Gepaid: CAL000285260
 Contact: KEVIN SELBY
 Telephone: 2095566040
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 581770
 Mailing City,St,Zip: MODESTO, CA 95358
 Gen County: Stanislaus
 TSD EPA ID: CAL000190816
 TSD County: Stanislaus
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 0.2
 Facility County: Not reported

Gepaid: CAL000285260
 Contact: DARRELL SEVER / MAINT MGR
 Telephone: 2095566040
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 581770
 Mailing City,St,Zip: MODESTO, CA 95358
 Gen County: Stanislaus
 TSD EPA ID: CAD980884183
 TSD County: Sacramento
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Tons: 0.22
 Facility County: Stanislaus

Gepaid: CAL000285260
 Contact: DARRELL SEVER / MAINT MGR
 Telephone: 2095566040
 Facility Addr2: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WINCO FOODS LLC (Continued)

S108225573

Mailing Name: Not reported
 Mailing Address: PO BOX 581770
 Mailing City,St,Zip: MODESTO, CA 95358
 Gen County: Stanislaus
 TSD EPA ID: CAD980884183
 TSD County: Sacramento
 Waste Category: Unspecified oil-containing waste
 Disposal Method: H141
 Tons: 0.85
 Facility County: Stanislaus

Gepaid: CAL000285260
 Contact: DARRELL SEVER / MAINT MGR
 Telephone: 2095566040
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 581770
 Mailing City,St,Zip: MODESTO, CA 95358
 Gen County: Stanislaus
 TSD EPA ID: CAL000190816
 TSD County: Stanislaus
 Waste Category: Waste oil and mixed oil
 Disposal Method: H141
 Tons: 6.08
 Facility County: Stanislaus

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional CA_HAZNET: record(s) in the EDR Site Report.

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**WINCO FOODS DISTRIBUTION CENTER FACILITY EXPANSION
 4400 CROWS LANDING RD
 CERES, CA 95307**

**NPDES S109465673
 N/A**

NPDES:

Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 466774
 Region: 5S
 Regulatory Measure Id: 344460
 Order No: 99-08DWQ
 Regulatory Measure Type: Storm water construction
 Place Id: 716547
 WDID: 5S50C351706
 Program Type: CONSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 5/6/2008 4:10:44 PM
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: WinCo Foods LLC
 Discharge Address: Not reported
 Discharge City: Not reported
 Discharge State: Not reported
 Discharge Zip: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

17 **CEN-CAL FIRE SYSTEMS, INC**
4400 CROWS LANDING ROAD
CERES, CA 95

EMI S107620430
N/A

EMI:

Year: 2004
 County Code: 50
 Air Basin: SJV
 Facility ID: 5006
 Air District Name: SJU
 SIC Code: 5411
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.003322332
 Reactive Organic Gases Tons/Yr: 0.002779795
 Carbon Monoxide Emissions Tons/Yr: 0.004998285
 NOX - Oxides of Nitrogen Tons/Yr: 0.096316115
 SOX - Oxides of Sulphur Tons/Yr: 0.003167363
 Particulate Matter Tons/Yr: 0.001707065
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.001666095

Year: 2005
 County Code: 50
 Air Basin: SJV
 Facility ID: 5006
 Air District Name: SJU
 SIC Code: 5411
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0033223319369945500
 Reactive Organic Gases Tons/Yr: .00277979513168334
 Carbon Monoxide Emissions Tons/Yr: .0049982854771614
 NOX - Oxides of Nitrogen Tons/Yr: .0963161147329211
 SOX - Oxides of Sulphur Tons/Yr: .00316736272215844
 Particulate Matter Tons/Yr: .0017070647121452889
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .001666095159053802

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 5006
 Air District Name: SJU
 SIC Code: 5411
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0033223319369945500
 Reactive Organic Gases Tons/Yr: .00277979513168334
 Carbon Monoxide Emissions Tons/Yr: .0049982854771614
 NOX - Oxides of Nitrogen Tons/Yr: .0963161147329211
 SOX - Oxides of Sulphur Tons/Yr: .00316736272215844
 Particulate Matter Tons/Yr: .0017070647121452889
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .001666095159053802

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

18 CITY OF CERES SWEEPS UST S106924545
4454 MORGAN N/A
CERES, CA 95307

SWEEPS UST:
 Status: Not reported
 Comp Number: 71127
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: Not reported
 Actv Date: Not reported
 Capacity: Not reported
 Tank Use: Not reported
 Stg: Not reported
 Content: Not reported
 Number Of Tanks: 0

18 MORGAN ROAD INDUSTRIAL NPDES S109451110
4407 MORGAN ROAD N/A
CERES, CA

NPDES:
 Npdes Number: Not reported
 Facility Status: Terminated
 Agency Id: 179668
 Region: 5S
 Regulatory Measure Id: 267216
 Order No: 99-08DWQ
 Regulatory Measure Type: Storm water construction
 Place Id: 608022
 WDID: 5S50C335922
 Program Type: CONSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 8/8/2005
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: 11/6/2008
 Discharge Name: B&D United Builders
 Discharge Address: Not reported
 Discharge City: Not reported
 Discharge State: Not reported
 Discharge Zip: Not reported

19 CITY OF CERES HAZNET S105086933
4417 BLAKER RD N/A
CERES, CA 95307

HAZNET:
 Gepaid: CAC002287457
 Contact: CITY OF CERES
 Telephone: 2095385748
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2220 MAGNOLIA ST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CITY OF CERES (Continued)

S105086933

Mailing City,St,Zip: CERES, CA 953070000
 Gen County: Stanislaus
 TSD EPA ID: CAL000190080
 TSD County: San Joaquin
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: .8428
 Facility County: Stanislaus

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**BALDWIN TRUCKING INC
 4527 CROWS LANDING
 MODESTO, CA 95351**

**EMI S107620213
 N/A**

EMI:

Year: 2004
 County Code: 50
 Air Basin: SJV
 Facility ID: 1741
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.00306456
 Reactive Organic Gases Tons/Yr: 0.003049305
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2005
 County Code: 50
 Air Basin: SJV
 Facility ID: 1741
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0077485729848565447
 Reactive Organic Gases Tons/Yr: .00771
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 1741
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0031154789043523916

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BALDWIN TRUCKING INC (Continued)

S107620213

Reactive Organic Gases Tons/Yr:	.003099
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2007
County Code:	50
Air Basin:	SJV
Facility ID:	1741
Air District Name:	SJU
SIC Code:	5541
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.0033226583386456183
Reactive Organic Gases Tons/Yr:	.0033050835866928045
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2007
County Code:	20
Air Basin:	SJV
Facility ID:	1741
Air District Name:	SJU
SIC Code:	5541
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.3262675014280992250
Reactive Organic Gases Tons/Yr:	.32454175360107452
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0

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**4537 CROWS LANDING RD
 MODESTO, CA**

**CHMIRS S107450203
 CDL N/A**

CHMIRS:

OES Incident Number:	04-2840
OES notification:	5/30/200409:53:37 AM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S107450203

Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	DDTSC
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	Stanislaus Co Dept of Env Resources
Incident Date:	5/30/200412:00:00 AM
Admin Agency:	Stanislaus County Environmental Resources
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Drug Lab waste
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	5
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

(Continued)

S107450203

Unknown: 0
 Description: Not reported
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: Per caller, substance was located abandoned on the side of the road.

CDL:

Facility ID: 200405084
 Lab Type: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

20	BALDWIN TRUCKING 4527 CROWS LANDING RD. MODESTO, CA 95358	UST	U003783174 N/A
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UST:

Global ID: 12024
 Latitude: 37.57172
 Longitude: -120.99368

21	BALDWIN TRUCKING 4527 CROWS LANDING MODESTO, CA 95358	CA FID UST SWEEPS UST	S101595772 N/A
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CA FID UST:

Facility ID: 50004131
 Regulated By: UTNKA
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2095382000
 Mail To: Not reported
 Mailing Address: 4527 CROWS LANDING
 Mailing Address 2: Not reported
 Mailing City,St,Zip: MODESTO 95351
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 71026
 Number: 1
 Board Of Equalization: 44-029056
 Ref Date: 07-19-93
 Act Date: 07-19-93
 Created Date: 09-23-88
 Tank Status: A
 Owner Tank Id: 71026
 Swrcb Tank Id: 50-000-071026-000001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BALDWIN TRUCKING (Continued)

S101595772

Actv Date: 07-19-93
 Capacity: 9000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 3

Status: A
 Comp Number: 71026
 Number: 1
 Board Of Equalization: 44-029056
 Ref Date: 07-19-93
 Act Date: 07-19-93
 Created Date: 09-23-88
 Tank Status: A
 Owner Tank Id: 71026
 Swrcb Tank Id: 50-000-071026-000002
 Actv Date: 09-23-88
 Capacity: 12000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 71026
 Number: 1
 Board Of Equalization: 44-029056
 Ref Date: 07-19-93
 Act Date: 07-19-93
 Created Date: 09-23-88
 Tank Status: A
 Owner Tank Id: 71026
 Swrcb Tank Id: 50-000-071026-000003
 Actv Date: 07-19-93
 Capacity: 3000
 Tank Use: M.V. FUEL
 Stg: P
 Content: PRM UNLEADED
 Number Of Tanks: Not reported

22

**CLYDE MELLO WELL
 1836 E. GRAYSON RD.
 CERES, CA 93446**

**Notify 65 S100178413
 N/A**

Notify 65:
 Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 93446

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

22 **4925 BLAKER** **CERES, CA 95307** **CDL** **S107534482**
N/A

CDL:
 Facility ID: 199910092
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

23 **1X FRANCIS IP** **5012 CROWSLANDUBG ROAD** **HAZNET** **S102798917**
MODESTO, CA 95358 **N/A**

HAZNET:
 Gepaid: CAC000941304
 Contact: FRANCIS IP
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 6137 HAMMETT ROAD
 Mailing City,St,Zip: MODESTO, CA 953580000
 Gen County: Stanislaus
 TSD EPA ID: CAD083166728
 TSD County: Stanislaus
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: .1668
 Facility County: Stanislaus

23 **FRANCIS IP** **5012 CROWS LANDING** **SWEEPS UST** **S106926392**
MODESTO, CA 95358 **N/A**

SWEEPS UST:
 Status: Not reported
 Comp Number: 71503
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-071503-000001
 Actv Date: Not reported
 Capacity: 250
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

23	BASSI PLAZA 4955 CROWS LANDING RD MODESTO, CA 95358	NPDES	S109437083 N/A
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NPDES:

Npdes Number:	Not reported
Facility Status:	Active
Agency Id:	363389
Region:	5S
Regulatory Measure Id:	320263
Order No:	99-08DWQ
Regulatory Measure Type:	Storm water construction
Place Id:	646679
WDID:	5S50C345624
Program Type:	CONSTW
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	2/8/2007 9:20:34 AM
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Joe Bassi & Kiran Bassi
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported

24	REBIERO FARM 501 W GRAYSON RD MODESTO, CA 95351	CA FID UST SWEEPS UST	S101626463 N/A
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CA FID UST:

Facility ID:	50003149
Regulated By:	UTNKA
Regulated ID:	00023362
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2095371269
Mail To:	Not reported
Mailing Address:	501 W GRAYSON RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MODESTO 95351
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	23362
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-01-85
Act Date:	Not reported
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	1
Swrcb Tank Id:	50-000-023362-000001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

REBIERO FARM (Continued)

S101626463

Actv Date: 07-01-85
 Capacity: 300
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

24

**REBIERO FARM
 501 W GRAYSON RD
 MODESTO, CA 95351**

**HIST UST U001607178
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000023362
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095371269
 Owner Name: JOHN REBIERO JR.
 Owner Address: 501 W. GRAYSON RD
 Owner City,St,Zip: MODESTO, CA 95351

Tank Num: 001
 Container Num: 1
 Year Installed: 1980
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Visual

25

CAPE HART & SONS TRUCKING
 719 GRAYSON RD E
 CERES, CA**

**SLIC S106230533
 N/A**

SLIC:
 Region: 5
 Facility Status: Preliminary Assessment
 Unit: Facility is a Spill or site
 Pollutant: TPH - d, mo
 Lead Agency: STA Co.
 Date Filed: 05/20/94
 Report Date: / /
 Date Added: Not reported
 Date Closed: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s)
 EPA ID Number

25 **CAPE HART & SONS TRUCKING** SLIC S106486400
 719 EAST GRAYSON ROAD N/A
 CERES, CA

SLIC:
 Region: STATE
Facility Status: Open - Inactive
 Status Date: 1994-05-20 00:00:00
 Global Id: SLT5S0713112
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Lead Agency Case Number: Not reported
 Latitude: 37.6002568377265
 Longitude: -120.954866808896
 Case Type: Cleanup Program Site
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 File Location: Not reported
 Potential Media Affected: Soil
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Diesel
 Site History: Not reported

26 **MID-VALLEY RANCH** HIST UST U001607099
 348 E GRAYSON RD N/A
 MODESTO, CA 95351

HIST UST:
 Region: STATE
 Facility ID: 00000011339
 Facility Type: Other
 Other Type: FARMING
 Total Tanks: 0001
 Contact Name: ROBERT W. DAVIS (OWNER)
 Telephone: 2095374180
 Owner Name: MID-VALLEY RANCH/ROBERT W DAVI
 Owner Address: 348 E. GRAYSON RD.
 Owner City,St,Zip: MODESTO, CA 95351

 Tank Num: 001
 Container Num: #1
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Visual, Stock Inventor

26 **MID-VALLEY RANCH** CA FID UST S101626401
 348 E GRAYSON RD SWEEPS UST N/A
 MODESTO, CA 95351

CA FID UST:
 Facility ID: 50002809
 Regulated By: UTKA
 Regulated ID: 00011339
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2095374180

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MID-VALLEY RANCH (Continued)

S101626401

Mail To: Not reported
 Mailing Address: 348 E GRAYSON RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: MODESTO 95351
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 11339
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #1
 Swrcb Tank Id: 50-000-011339-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 1

27

**MARCHY & SONS INC.
 943 E GRAYSON RD
 CERES, CA 95307**

**HIST UST U001604945
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000038308
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0007
 Contact Name: Not reported
 Telephone: 2095373747
 Owner Name: MARCHY & SONS INC.
 Owner Address: 943 E. GRAYSON RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1970
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 2

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MARCHY & SONS INC. (Continued)

U001604945

Year Installed: 1975
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 003
 Container Num: 3
 Year Installed: 1962
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 004
 Container Num: 4
 Year Installed: 1961
 Tank Capacity: 00000750
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 005
 Container Num: 5
 Year Installed: 1975
 Tank Capacity: 00000200
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 006
 Container Num: 6
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 007
 Container Num: 7
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 38308
 Number: 9
 Board Of Equalization: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MARCHY & SONS INC. (Continued)

U001604945

Ref Date: 03-08-89
 Act Date: 03-08-89
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-038308-000001
 Actv Date: 03-08-89
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 6

Status: A
 Comp Number: 38308
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-08-89
 Act Date: 03-08-89
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-038308-000003
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 38308
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-08-89
 Act Date: 03-08-89
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 4
 Swrcb Tank Id: 50-000-038308-000004
 Actv Date: 07-01-85
 Capacity: 750
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 38308
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-08-89
 Act Date: 03-08-89
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 5
 Swrcb Tank Id: 50-000-038308-000005

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MARCHY & SONS INC. (Continued)

U001604945

Actv Date: 07-01-85
 Capacity: 200
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 38308
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-08-89
 Act Date: 03-08-89
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 6
 Swrcb Tank Id: 50-000-038308-000006
 Actv Date: 03-08-89
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 38308
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-08-89
 Act Date: 03-08-89
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 7
 Swrcb Tank Id: 50-000-038308-000007
 Actv Date: 03-08-89
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 38308
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-038308-000002
 Actv Date: Not reported
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**28 KOLMEYER FARMS
 1466 E GRAYSON
 CERES, CA 95307**

**HIST UST U001604938
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000027479
 Facility Type: Other
 Other Type: FARMING
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095371229
 Owner Name: BERNARD KOLMEYER
 Owner Address: 1466 E. GRAYSON
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 0000480
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: 3/16 inches
 Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
 Comp Number: 27479
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-027479-000001
 Actv Date: 07-01-85
 Capacity: 480
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

**29 EDWARD J. LYTLE
 1554 E GRAYSON RD
 CERES, CA 95307**

**HIST UST U001604896
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000015846
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095375502
 Owner Name: EDWARD J. LYTLE
 Owner Address: 1554 E. GRAYSON ROAD
 Owner City,St,Zip: CERES, CA 95307

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

EDWARD J. LYTLE (Continued)

U001604896

Tank Num: 001
 Container Num: 4647
 Year Installed: Not reported
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 15846
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 4647
 Swrcb Tank Id: 50-000-015846-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

30

**B. WESTSTEYN
 5212 MORGAN RD
 CERES, CA 95307**

**HIST UST U001604864
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000030163
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095372442
 Owner Name: B. WESTSTEYN
 Owner Address: 5212 MORGAN RD
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1962
 Tank Capacity: 00000500
 Tank Used for: Not reported
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 30163
 Number: 9
 Board Of Equalization: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

B. WESTSTEYN (Continued)

U001604864

Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-030163-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

**31 JOHN WESTS CHOPPING SERVICE
 548 SAN JOAQUIN ST
 MODESTO, CA 95351**

**HIST UST U001607019
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000059044
 Facility Type: Other
 Other Type: CHOPPING
 Total Tanks: 0001
 Contact Name: JOHN WEST
 Telephone: 2095373082
 Owner Name: JOHN WESTS CHOPPING SERVICE
 Owner Address: 548 SAN JOAQUIN ST.
 Owner City,St,Zip: MODESTO, CA 95351

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00100000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

**31 JOHN WESTS CHOPPING SERVICE
 548 SAN JOAQUIN ST
 MODESTO, CA 95351**

**CA FID UST S101626328
 SWEEPS UST N/A**

CA FID UST:
 Facility ID: 50002517
 Regulated By: UTKI
 Regulated ID: 00059044
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2095373082
 Mail To: Not reported
 Mailing Address: 548 SAN JOAQUIN ST
 Mailing Address 2: Not reported
 Mailing City,St,Zip: MODESTO 95351
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JOHN WESTS CHOPPING SERVICE (Continued)

S101626328

NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

SWEEPS UST:

Status: Not reported
 Comp Number: 59044
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-059044-000001
 Actv Date: Not reported
 Capacity: 100000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 1

32

**WILLIAM H. WASHAM
 1824 E KEYES RD
 CERES, CA 95307**

**HIST UST U001604996
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000016751
 Facility Type: Other
 Other Type: FARM TRACTOR
 Total Tanks: 0002
 Contact Name: OWNER
 Telephone: 2095375440
 Owner Name: WILLIAM H. WASHAM
 Owner Address: 1824 E. KEYES RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: #1 TANK
 Year Installed: Not reported
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: #2
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: Not reported
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WILLIAM H. WASHAM (Continued)

U001604996

SWEEPS UST:

Status: A
 Comp Number: 16751
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-20-92
 Act Date: 03-20-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #1 TANK
 Swrcb Tank Id: 50-000-016751-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 16751
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-20-92
 Act Date: 03-20-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #2
 Swrcb Tank Id: 50-000-016751-000002
 Actv Date: 07-01-85
 Capacity: 300
 Tank Use: UNKNOWN
 Stg: P
 Content: Not reported
 Number Of Tanks: Not reported

33 **6342 BYSTRUM ROAD
 6342 BYSTRUM ROAD
 CERES, CA 95307**

**ERNS 2005632069
 N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

33 **6342 BYSTRUM ROAD
 6342 BYSTRUM ROAD
 CERES, CA**

**ERNS 2005604014
 N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

33

CHMIRS S108402043
 N/A

**6342 BYSTRUM RD.
 CERES, CA**

CHMIRS:

OES Incident Number: 05-1471
 OES notification: 3/4/200504:06:00 PM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: n\\a
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 2005
 Agency: Bronco Wine co.
 Incident Date: 3/4/200512:00:00 AM
 Admin Agency: Stanislaus County Environmental Resources
 Amount: Not reported
 Contained: Yes
 Site Type: Merchant/Business

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S108402043

E Date: Not reported
 Substance: Sulfur Dioxide
 Quantity Released: Not reported
 BBLS: 0
 Cups: 0
 CUFT: 0
 Gallons: 0.000000
 Grams: 0
 Pounds: 50
 Liters: 0
 Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Description: Not reported
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: A broken site glass on a portable cylinder.

34

**YORI FARM
 606 E BARNHART RD
 CERES, CA 95307**

**HIST UST U001604998
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000044717
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0002
 Contact Name: ED YORI
 Telephone: 2095372330
 Owner Name: EDWIN R. YORI
 Owner Address: 606 BARNHART RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000380
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Vapor Sniff Well

Tank Num: 002
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000340
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Vapor Sniff Well

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s)
 EPA ID Number

35 FRANK SILVA DAIRY **HIST CORTESE** **S105023162**
300 BARNHART **N/A**
CERES, CA 95307

CORTESE:
 Region: CORTESE
 Facility County Code: 50
 Reg By: WBC&D
 Reg Id: 5C505002N01

36 WEST COAST GRAPES FARMS INC **HAZNET** **S108225124**
606 E BARNHART RD **N/A**
CERES, CA 95307

HAZNET:
 Gepaid: CAC002595336
 Contact: JERRY MARQUIZ/PROJ MGR
 Telephone: 2098450399
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 6342 RYSTRUM RD
 Mailing City,St,Zip: CERES, CA 95307
 Gen County: Stanislaus
 TSD EPA ID: AZ0950823111
 TSD County: Not reported
 Waste Category: Asbestos-containing waste
 Disposal Method: Not reported
 Tons: 4.21
 Facility County: Not reported

36 YORI FARM **SWEEPS UST** **S106934619**
606 BARNHART RD **N/A**
CERES, CA 95307

SWEEPS UST:
 Status: A
 Comp Number: 44717
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-044717-000001
 Actv Date: 07-01-85
 Capacity: 380
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 44717
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

YORI FARM (Continued)

S106934619

Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-044717-000002
 Actv Date: 07-01-85
 Capacity: 340
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

37

**NELSON RANCH
 6743 CROWS LANDING RD
 CERES, CA 95307**

**HIST UST U001604957
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000011340
 Facility Type: Other
 Other Type: RANCH
 Total Tanks: 0001
 Contact Name: GENE NELSON
 Telephone: 2095372051
 Owner Name: GENE NELSON
 Owner Address: 6743 CROWS LANDING ROAD
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1963
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor, None

SWEEPS UST:

Status: A
 Comp Number: 11340
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-011340-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**38 S&S SERVICE CENTER
 6936 CROWS LANDING RD
 CERES, CA 95307**

**HIST UST U001604971
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000052389
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0003
 Contact Name: CHARLES BROWN
 Telephone: 2095382125
 Owner Name: CHARLES L. BROWN
 Owner Address: 6936 CROWSLANDING RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: #3
 Year Installed: Not reported
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: #2
 Year Installed: Not reported
 Tank Capacity: 00006000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: #1
 Year Installed: Not reported
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

**38 S&S SERVICE CENTER
 6936 CROWSLANDING RD
 CERES, CA 95307**

**SWEEPS UST S106931697
 N/A**

SWEEPS UST:

Status: Not reported
 Comp Number: 52389
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-052389-000001
 Actv Date: Not reported
 Capacity: 6000

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

S&S SERVICE CENTER (Continued)

S106931697

Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: Not reported
 Comp Number: 52389
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-052389-000002
 Actv Date: Not reported
 Capacity: 6000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 52389
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-052389-000003
 Actv Date: Not reported
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

38

**BRADY MACHINE SHOP & FARM
 6870 CROWS LANDING RD
 CERES, CA 95307**

**HAZNET
 HIST UST
 SWEEPS UST**

**U001604871
 N/A**

HAZNET:
 Gepaid: CAL000035617
 Contact: BRADY KENNETH J
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 6870 CROWS LANDING RD
 Mailing City,St,Zip: CERES, CA 953079555
 Gen County: Stanislaus
 TSD EPA ID: CAT000613968
 TSD County: Stanislaus
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Transfer Station
 Tons: .0375
 Facility County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BRADY MACHINE SHOP & FARM (Continued)

U001604871

Gepaid: CAL000035617
 Contact: --
 Telephone: --
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 6870 CROWS LANDING RD
 Mailing City,St,Zip: CERES, CA 953079555
 Gen County: Stanislaus
 TSD EPA ID: Not reported
 TSD County: Stanislaus
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
 Disposal Method: Transfer Station
 Tons: 0.08
 Facility County: Not reported

HIST UST:

Region: STATE
 Facility ID: 00000048922
 Facility Type: Other
 Other Type: MACHINE SHOP
 Total Tanks: 0001
 Contact Name: K.J. BRADY
 Telephone: 2095387590
 Owner Name: KENNETH J. BRADY
 Owner Address: 6870 CROWS LANDING RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: #1
 Year Installed: 1974
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 12 gauge
 Leak Detection: Visual, None

SWEEPS UST:

Status: Not reported
 Comp Number: 48922
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-048922-000001
 Actv Date: Not reported
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

**39 BERRYHILL ORCHARDS INC.
 1912 E TAYLOR RD
 CERES, CA 95307**

**HIST UST U001604867
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000034984
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095380526
 Owner Name: BERRYHILL ORCHARDS INC.
 Owner Address: 1912 E. TAYLOR RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1974
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 34984
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-034984-000001
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

39

**2012 E TAYLOR RD
 TURLOCK, CA**

**CDL S107530550
 N/A**

CDL:

Facility ID: 199907030
 Lab Type: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**40 CHARLES FISK
 1666 E TAYLOR RD
 CERES, CA 95307**

**HIST UST U001604880
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000021646
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0002
 Contact Name: Not reported
 Telephone: 2095383536
 Owner Name: CHARLES E. FISK
 Owner Address: 1666 E. TAYLOR RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1981
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: .12 gauge
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1981
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: .12 gauge
 Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
 Comp Number: 21646
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-021646-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 21646
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CHARLES FISK (Continued)

U001604880

Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-021646-000002
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

41

**BRONCO WINE COMPANY
 6342 BYSTRUM RD
 CERES, CA 95307**

**CHMIRS U001604873
 HIST UST N/A
 EMI
 SWEEPS UST
 CA WDS**

CHMIRS:

OES Incident Number: 00-5641
 OES notification: 12/1/200010:49:39 AM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: No
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Reporting Party

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BRONCO WINE COMPANY (Continued)

U001604873

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Bronco Wine Co
Incident Date:	12/1/200012:00:00 AM
Admin Agency:	Stanislaus County Environmental Resources
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	SO2
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	150
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Description:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Bleed off valve was left open
OES Incident Number:	05-7341
OES notification:	12/21/200510:20:26 AM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BRONCO WINE COMPANY (Continued)

U001604873

Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: none
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 2005
 Agency: Bronco Wine Company
 Incident Date: 12/19/2005 12:00:00 AM
 Admin Agency: Stanislaus County Environmental Resources
 Amount: Not reported
 Contained: No
 Site Type: Merchant/Business
 E Date: Not reported
 Substance: Sulfar Dioxide
 Quantity Released: Not reported
 BBLS: 0
 Cups: 0
 CUFT: 0
 Gallons: 0.000000
 Grams: 0
 Pounds: 35
 Liters: 0
 Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Description: Not reported
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: HISTORICAL REPORT: There was a breach in cylinder container causing a release into the air.

HIST UST:
 Region: STATE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BRONCO WINE COMPANY (Continued)

U001604873

Facility ID: 00000014223
 Facility Type: Other
 Other Type: WINERY
 Total Tanks: 0004
 Contact Name: JOHN G. FRANZIA JR.
 Telephone: 2095383131
 Owner Name: BRONCO WINE COMPANY
 Owner Address: 6342 BYSTRUM RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1982
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: 3/16 inches
 Leak Detection: Visual, Stock Inventor, Sensor Instrument

Tank Num: 002
 Container Num: 2
 Year Installed: 1982
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: WASTE OIL
 Tank Construction: 3/16 inches
 Leak Detection: Visual, Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: 1982
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: Visual, Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: 1982
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: Visual, Stock Inventor

EMI:

Year: 2005
 County Code: 50
 Air Basin: SJV
 Facility ID: 1665
 Air District Name: SJU
 SIC Code: 2084
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0603944027199863005

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BRONCO WINE COMPANY (Continued)

U001604873

Reactive Organic Gases Tons/Yr: .029784053487300895
 Carbon Monoxide Emissions Tons/Yr: .0363025002479553
 NOX - Oxides of Nitrogen Tons/Yr: .0966205006599426
 SOX - Oxides of Sulphur Tons/Yr: .0159172501087189
 Particulate Matter Tons/Yr: .0279250001907349
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .0279250001907349

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 1665
 Air District Name: SJU
 SIC Code: 2084
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 145.2169140335605087
 Reactive Organic Gases Tons/Yr: 145.1884978380737305
 Carbon Monoxide Emissions Tons/Yr: .0336895005702972
 NOX - Oxides of Nitrogen Tons/Yr: .0801810113573074
 SOX - Oxides of Sulphur Tons/Yr: .0147715502500534
 Particulate Matter Tons/Yr: .0259150004386902
 Part. Matter 10 Micrometers & Smlr Tons/Yr: .0259150004386902

SWEEPS UST:

Status: A
 Comp Number: 14223
 Number: 1
 Board Of Equalization: 44-028604
 Ref Date: 02-11-92
 Act Date: 02-11-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-014223-000002
 Actv Date: 07-01-85
 Capacity: 1000
 Tank Use: OIL
 Stg: W
 Content: WASTE OIL
 Number Of Tanks: 3

Status: A
 Comp Number: 14223
 Number: 1
 Board Of Equalization: 44-028604
 Ref Date: 02-11-92
 Act Date: 02-11-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-014223-000003
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BRONCO WINE COMPANY (Continued)

U001604873

Number Of Tanks: Not reported
 Status: A
 Comp Number: 14223
 Number: 1
 Board Of Equalization: 44-028604
 Ref Date: 02-11-92
 Act Date: 02-11-92
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 4
 Swrcb Tank Id: 50-000-014223-000004
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 14223
 Number: Not reported
 Board Of Equalization: 44-028604
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-014223-000001
 Actv Date: Not reported
 Capacity: 3000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 1

CA WDS:

Facility ID: San Joaquin 502025001
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: Not reported
 Subregion: 0
 Facility Telephone: Not reported
 Facility Contact: JOHN FRANZIA
 Agency Name: BRONCO WINE COMPANY INC.
 Agency Address: P.O. BOX 789
 Agency City,St,Zip: CERES 95307
 Agency Contact: JOHN FRANZIA
 Agency Telephone: 2095383131
 Agency Type: Private
 SIC Code: 2084

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BRONCO WINE COMPANY (Continued)

U001604873

SIC Code 2: Not reported
 Primary Waste: Winery Wastes
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

41 **6342 BYSTRUM ROAD
 6342 BYSTRUM ROAD
 CERES, CA 95307**

**ERNS 2000545130
 N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

41 **BRONCO WINE COMPANY
 6342 BYSTRUM RD.
 CERES, CA 95307**

**FINDS 1004443530
 N/A**

FINDS:

Registry ID: 110000485047

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site Database(s) EPA ID Number EDR ID Number

41 BRONCO WINE CO. LUST 1000593673
 6342 BYSTRUM HIST CORTESE N/A
 CERES, CA

LUST:
 Region: STATE
 Global Id: T0609900339
 Latitude: 37.5092904
 Longitude: -120.9856434
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 1998-04-28 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 LOC Case Number: Not reported
 File Location: Local Agency
 Potential Media Affect: Soil
 Potential Contaminats of Concern: Other Solvent or Non-Petroleum Hydrocarbon
 Site History: Not reported

LUST REG 5:
 Region: 5
 Status: Case Closed
 Case Number: 500401
 Case Type: Soil only
 Substance: HYDROCARBONS
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

CORTESE:
 Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500401

41 BRONCO WINE CO HAZNET 1001614691
 6342 BYSTRUM RD CERES, CA 95307 N/A

HAZNET:
 Gepaid: CAC000888408
 Contact: BRONCO WINE CO
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: P O BOX 789
 Mailing City,St,Zip: CERES, CA 953070000
 Gen County: Stanislaus
 TSD EPA ID: CAD083166728
 TSD County: Stanislaus
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: 6.2550
 Facility County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s)
 EPA ID Number

41 **6342 BYSTRUM ROAD**
6342 BYSTRUM ROAD
CERES, CA 95307

ERNS 2000549713
 N/A

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

41 **BRONCO WINE CO**
6342 BYSTRUM RD
CERES, CA 95307

TRIS 1005452263
 95307BRNCW63

42 **530 E TAYLOR RD**
CERES, CA 95307

CDL S107534777
 N/A

CDL:
 Facility ID: 200004073
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

43 **MORRIS BLOCKER PROPERTY**
1319 TAYLOR
CERES, CA 95307

LUST S104403772
 HIST CORTESE N/A

LUST:
 Region: STATE
 Global Id: T0609900029
 Latitude: 37.5364886
 Longitude: -121.0185596
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 1994-07-08 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: STANISLAUS COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 17
 File Location: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminats of Concern: Gasoline
 Site History: Not reported

LUST REG 5:
 Region: 5
 Status: Case Closed
 Case Number: 500031
 Case Type: Drinking Water Aquifer affected
 Substance: GASOLINE
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

MORRIS BLOCKER PROPERTY (Continued)

S104403772

MTBE Code: N/A

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500031

43

**DITCH TENDER HOME
 1319 E TAYLOR RD
 CERES, CA 95307**

**HIST UST U001604890
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000036849
 Facility Type: Other
 Other Type: DITCH TENDER
 Total Tanks: 0001
 Contact Name: MORRIS BLOCHER
 Telephone: 2095381573
 Owner Name: TURLOCK IRRIGATION DISTRICT
 Owner Address: 333 EAST CANAL DRIVE
 Owner City,St,Zip: TURLOCK, CA 95381

Tank Num: 001
 Container Num: 22
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: Not reported
 Comp Number: 36849
 Number: Not reported
 Board Of Equalization: 44-028786
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-036849-000001
 Actv Date: Not reported
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**44 JOE GERMAN DAIRY
 1236 E TAYLOR RD
 CERES, CA 95307**

**HIST UST U001604931
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000011353
 Facility Type: Other
 Other Type: DAIRY
 Total Tanks: 0002
 Contact Name: JOE GERMAN
 Telephone: 2095372807
 Owner Name: JOE GERMAN
 Owner Address: 1236 E. TAYLOR RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1969
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1979
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
 Comp Number: 11353
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-011353-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 11353
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JOE GERMANN DAIRY (Continued)

U001604931

Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-011353-000002
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

45

**FRED YORI & SON
 1143 E TAYLOR RD
 CERES, CA 95307**

**HIST UST
 SWEEPS UST**

**U001604907
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000028851
 Facility Type: Other
 Other Type: FARMER
 Total Tanks: 0002
 Contact Name: Not reported
 Telephone: 2095372425
 Owner Name: FRED YORI
 Owner Address: 1143 E. TAYLOR RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: NO.1
 Year Installed: 1968
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 10 gauge
 Leak Detection: Visual, Stock Inventor

Tank Num: 002
 Container Num: NO. 2
 Year Installed: 1968
 Tank Capacity: 00000285
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 10 gauge
 Leak Detection: Visual, Stock Inventor

SWEEPS UST:

Status: A
 Comp Number: 28851
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: NO.1
 Swrcb Tank Id: 50-000-028851-000001
 Actv Date: 07-01-85
 Capacity: 350

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FRED YORI & SON (Continued)

U001604907

Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 28851
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: NO. 2
 Swrcb Tank Id: 50-000-028851-000002
 Actv Date: 07-01-85
 Capacity: 285
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

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**112 E TAYLOR ST
 CERES, CA 95307**

**CDL S109253964
 N/A**

CDL:
 Facility ID: 200808027
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

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**BRIGGS BROTHERS
 7254 CROWSLANDING RD
 CERES, CA 95307**

**SWEEPS UST S106923571
 N/A**

SWEEPS UST:
 Status: A
 Comp Number: 11778
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: I
 Swrcb Tank Id: 50-000-011778-000001
 Actv Date: 07-01-85
 Capacity: 250
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**47 BRIGGS BROTHERS
 7254 CROWS LANDING RD
 CERES, CA 95307**

**HIST UST U001604872
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000011778
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: CO-OWNER JAMES R. BRIGGS
 Telephone: 2095242330
 Owner Name: BRIGGS BROTHERS
 Owner Address: 2105 SHERWOOD
 Owner City,St,Zip: MODESTO, CA 95350

Tank Num: 001
 Container Num: I
 Year Installed: 1976
 Tank Capacity: 00000250
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 12 gauge
 Leak Detection: Visual

**47 WENDEL C. TINKLER
 7251 CROWS LANDING RD
 CERES, CA 95307**

**HIST UST U001604991
 SWEEPS UST N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000011256
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095371854
 Owner Name: TRINKLER DAIRY FARMS INC.
 Owner Address: 7251 CROWSLANDING RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:
 Status: A
 Comp Number: 11256
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 03-20-92
 Act Date: 03-20-92
 Created Date: 02-29-88
 Tank Status: A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WENDEL C. TINKLER (Continued)

U001604991

Owner Tank Id: 1
 Swrcb Tank Id: 50-000-011256-000001
 Actv Date: 07-01-85
 Capacity: 300
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

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**BERRYHILL VINEYARDS INC
 7379 CENTRAL AVE
 CERES, CA 95307**

**HIST UST
 SWEEPS UST**

**U001604868
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000011289
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0003
 Contact Name: RONALD BERRYHILL
 Telephone: 2095372718
 Owner Name: BERRYHILL VINEYARDS INC
 Owner Address: 7379 CENTRAL AVE
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1952
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 002
 Container Num: 2
 Year Installed: 1960
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 003
 Container Num: 3
 Year Installed: 1960
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Visual

SWEEPS UST:

Status: A
 Comp Number: 11289
 Number: 9
 Board Of Equalization: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BERRYHILL VINEYARDS INC (Continued)

U001604868

Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-011289-000001
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 3

Status: A
 Comp Number: 11289
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-011289-000002
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 11289
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-011289-000003
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

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**TRINKLER DAIRY FARMS
 7251 CROWS LANDING RD
 CERES, CA 95307**

**FINDS 1005585098
 NPDES N/A
 CA WDS**

FINDS:

Registry ID: 110006656859

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

TRINKLER DAIRY FARMS (Continued)

1005585098

issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

NPDES:

Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 46334
 Region: 5S
 Regulatory Measure Id: 202596
 Order No: 97-03-DWQ
 Regulatory Measure Type: Storm water industrial
 Place Id: 266474
 WDID: 5S50I014437
 Program Type: INDSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 7/28/1998
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: TRINKLER JR, WENDAL
 Discharge Address: 7251 Crows Landing Rd
 Discharge City: Ceres
 Discharge State: CA
 Discharge Zip: 95307-9552

CA WDS:

Facility ID: 5S 50I014437
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0
 Facility Telephone: 2095388587
 Facility Contact: WENDAL TRINKLER JR
 Agency Name: TRINKLER JR WENDAL
 Agency Address: 7251 Crows Landing Rd
 Agency City,St,Zip: Ceres 953079552
 Agency Contact: WENDAL TRINKLER JR
 Agency Telephone: 2095388587
 Agency Type: Private
 SIC Code: 0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

TRINKLER DAIRY FARMS (Continued)

1005585098

SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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**CLANDESTINE DRUG LAB
 7625 CROWS LANDING RD
 MODESTO, CA**

**HAZNET S103671645
 SLIC N/A
 CDL**

HAZNET:

Gepaid: CLU970020663
 Contact: UNKNOWN
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 806
 Mailing City,St,Zip: SACRAMENTO, CA 958120806
 Gen County: Stanislaus
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Tons: .5000
 Facility County: Stanislaus

Gepaid: CLU970020663
 Contact: UNKNOWN
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 806
 Mailing City,St,Zip: SACRAMENTO, CA 958120806
 Gen County: Stanislaus
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Transfer Station
 Tons: .2085
 Facility County: Stanislaus

Gepaid: CLU970020663

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CLANDESTINE DRUG LAB (Continued)

S103671645

Contact: UNKNOWN
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 806
 Mailing City,St,Zip: SACRAMENTO, CA 958120806
 Gen County: Stanislaus
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Alkaline solution without metals (pH > 12.5)
 Disposal Method: Transfer Station
 Tons: .3753
 Facility County: Stanislaus

Gepaid: CLU970020663
 Contact: UNKNOWN
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 806
 Mailing City,St,Zip: SACRAMENTO, CA 958120806
 Gen County: Stanislaus
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Off-specification, aged, or surplus inorganics
 Disposal Method: Transfer Station
 Tons: .1150
 Facility County: Stanislaus

Gepaid: CLU970020663
 Contact: UNKNOWN
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 806
 Mailing City,St,Zip: SACRAMENTO, CA 958120806
 Gen County: Stanislaus
 TSD EPA ID: AZD049318009
 TSD County: 99
 Waste Category: Liquids with pH <UN-> 2
 Disposal Method: Transfer Station
 Tons: .1042
 Facility County: Stanislaus

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

SLIC:

Region: 5
 Facility Status: Not reported
 Unit: Facility is a Spill or site
 Pollutant: Not reported
 Lead Agency: Not reported
 Date Filed: / /
 Report Date: / /
 Date Added: Not reported
 Date Closed: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CLANDESTINE DRUG LAB (Continued)

S103671645

CDL:

Facility ID: 199709065
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

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**CLANDESTINE LAB WASTE- (AGUIRRE PROPERTY)
 7625 CROWS LANDING ROAD
 MODESTO, CA**

**SLIC S106486420
 N/A**

SLIC:

Region: STATE
Facility Status: Open - Inactive
 Status Date: 1998-12-01 00:00:00
 Global Id: SLT5S0973138
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Lead Agency Case Number: Not reported
 Latitude: 37.607689
 Longitude: -120.992614
 Case Type: Cleanup Program Site
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 File Location: Not reported
 Potential Media Affected: Soil, Under Investigation
 Potential Contaminants of Concern: * Solvents
 Site History: Not reported

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**WERNER OTT
 7761 CROWS LANDING RD
 CERES, CA 95307**

**HIST UST U001604992
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000035533
 Facility Type: Other
 Other Type: CUSTOM SILAGE HARVES
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095375927
 Owner Name: WERNER OTT
 Owner Address: 7761 CROWS LANDING RD
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: T001
 Year Installed: 1972
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 35533

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WERNER OTT (Continued)

U001604992

Number: 9
 Board Of Equalization: Not reported
 Ref Date: 09-26-88
 Act Date: 09-26-88
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: T001
 Swrcb Tank Id: 50-000-035533-000001
 Actv Date: 07-01-85
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

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**NIEMEYER FARMS INC.
 7718 CROWS LANDING RD
 CERES, CA 95307**

**HIST UST
 SWEEPS UST**

**U001604959
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000048684
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: JACK NIEMEYER
 Telephone: 2095373147
 Owner Name: NIEMEYER FARMS INC.
 Owner Address: 7718 CROWS LANDING RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: #1
 Year Installed: Not reported
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual

SWEEPS UST:

Status: A
 Comp Number: 48684
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #1
 Swrcb Tank Id: 50-000-048684-000001
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**52 GERARD VAN DYKHUIZEN
 1855 ROBERTS RD
 CERES, CA 95307**

**HIST UST U001604912
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000027802
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095371288
 Owner Name: GERARD VAN DYKHUIZEN
 Owner Address: 1855 ROBERTS RD
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 27802
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-027802-000001
 Actv Date: 07-01-85
 Capacity: 300
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

**53 MARVIN D. WARNER
 8000 BYSTRUM RD
 CERES, CA 95307**

**HIST UST U001604946
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000008514
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: SAME
 Telephone: 2095372412
 Owner Name: MARVIN D. WARNER
 Owner Address: 8000 BYSTROM
 Owner City,St,Zip: CERES, CA 95307

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MARVIN D. WARNER (Continued)

U001604946

Tank Num: 001
 Container Num: 01
 Year Installed: 1974
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 14 gauge
 Leak Detection: Stock Inventor

53

**MARVIN D. WARNER
 8000 BYSTROM
 CERES, CA 95307**

**SWEEPS UST S106929178
 N/A**

SWEEPS UST:

Status: A
 Comp Number: 8514
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-008514-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

53

**BOB HARKRADER
 737 MONTE VISTA
 CERES, CA 95307**

**LUST S104403797
 HIST CORTESE N/A**

LUST:

Region: STATE
 Global Id: T0609900119
 Latitude: 37.5529084
 Longitude: -120.9845351
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 1989-06-08 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 LOC Case Number: Not reported
 File Location: Not reported
 Potential Media Affect: Soil
 Potential Contaminats of Concern: Diesel
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Case Closed

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BOB HARKRADER (Continued)

S104403797

Case Number: 500137
 Case Type: Soil only
 Substance: DIESEL
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500137

53

**ROBERT HARKRADER
 737 E MONTE VISTA
 CERES, CA 95307**

**HIST UST U001604968
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000028005
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2095387255
 Owner Name: ROBERT HARKRADER
 Owner Address: 737 E. MONTE VISTA
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: 1973
 Tank Capacity: 00005000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

SWEEPS UST:

Status: Not reported
 Comp Number: 28005
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-028005-000001
 Actv Date: Not reported
 Capacity: 5000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: 1

MAP FINDINGS

Map ID Direction EDR ID Number
 Distance Distance (ft.)Site Database(s) EPA ID Number

54 S & S DAIRY FINDS 1005585046
 348 E MONTE VISTA NPDES N/A
 CERES, CA 95307 CA WDS

FINDS:

Registry ID: 110006784925

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

NPDES:

Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 39298
 Region: 5S
 Regulatory Measure Id: 202595
 Order No: 97-03-DWQ
 Regulatory Measure Type: Storm water industrial
 Place Id: 254829
 WDID: 5S50I014389
 Program Type: INDSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 7/14/1998
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: S & S INC
 Discharge Address: 5870 Crows Landing Rd
 Discharge City: Modesto
 Discharge State: CA
 Discharge Zip: 95358-9417

CA WDS:

Facility ID: 5S 50I014389
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

S & S DAIRY (Continued)

1005585046

Facility Telephone: 2095370158
 Facility Contact: STEVE HOFMAN
 Agency Name: S & S INC
 Agency Address: 5870 Crows Landing Rd
 Agency City,St,Zip: Modesto 953589417
 Agency Contact: STEVE HOFMAN
 Agency Telephone: 2095370158
 Agency Type: Private
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

55

**1036 BLISS ROAD
 CERES, CA 95307**

**CDL S107526887
 N/A**

CDL:
 Facility ID: 200203051
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

56

**EL KATRINA DAIRY
 501 EL KATRINA LN
 CERES, CA 95307**

**NPDES S106104476
 CA WDS N/A**

NPDES:
 Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 308216
 Region: 5S
 Regulatory Measure Id: 202577
 Order No: 97-03-DWQ
 Regulatory Measure Type: Storm water industrial
 Place Id: 222446
 WDID: 5S50I013905
 Program Type: INDSTW
 Adoption Date Of Regulatory Measure: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

EL KATRINA DAIRY (Continued)

S106104476

Effective Date Of Regulatory Measure: 4/16/1998
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Alvernaz, Manuel
 Discharge Address: 501 El Katrina Ln
 Discharge City: Ceres
 Discharge State: CA
 Discharge Zip: 95307-9536

CA WDS:

Facility ID: 5S 50I013905
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0
 Facility Telephone: 2096680377
 Facility Contact: JON FLETCHER
 Agency Name: ALVERNAZ MANUEL
 Agency Address: 501 El Katrina Ln
 Agency City,St,Zip: Ceres 953079536
 Agency Contact: MANUEL ALVERNAZ
 Agency Telephone: 2096670985
 Agency Type: Private
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

56	EL KATRINA DAIRY #1 501 EL KATRINA LANE CERES, CA 95307	FINDS	1005585043 N/A
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FINDS:

Registry ID: 110006784907

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

57	MAAE FOUNDATION, INC. 431 W FULKERTH TURLOCK, CA 95380	CA FID UST SWEEPS UST	S101595740 N/A
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CA FID UST:

Facility ID: 50002687
 Regulated By: UTKNI
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 1406 MARCHALL
 Mailing Address 2: Not reported
 Mailing City, St, Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

SWEEPS UST:

Status: Not reported
 Comp Number: 71442
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: Not reported
 Actv Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MAAE FOUNDATION, INC. (Continued)

S101595740

Capacity: Not reported
 Tank Use: Not reported
 Stg: Not reported
 Content: Not reported
 Number Of Tanks: Not reported

58

**LUCAS DAIRY
 11204 FULKERTH ROAD
 ", CA 95380**

**HIST UST U001608741
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000034501
 Facility Type: Other
 Other Type: DAIRY & FARMING
 Total Tanks: 0003
 Contact Name: Not reported
 Telephone: 2096345725
 Owner Name: NORMAN LUCAS
 Owner Address: 11204 FULKERTH ROAD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: 1970
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: 1/4 inches
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: 1981
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: None

Tank Num: 003
 Container Num: 3
 Year Installed: 1981
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 1/4 inches
 Leak Detection: None

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

58	LUCAS DAIRY 11204 FULKERTH RD TURLOCK, CA 95380	CA FID UST	S101626996 N/A
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CA FID UST:

Facility ID:	50000176
Regulated By:	UTNKA
Regulated ID:	00034501
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2096345725
Mail To:	Not reported
Mailing Address:	11204 FULKERTH RD
Mailing Address 2:	Not reported
Mailing City, St, Zip:	TURLOCK 95380
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

58	LUCAS DAIRY 11204 FULKERTH RD TURLOCK, CA 95380	LUST SWEEPS UST HIST CORTESE	S104163165 N/A
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LUST:

Region:	STATE
Global Id:	T0609900235
Latitude:	37.5087865
Longitude:	-120.9778152
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	2007-08-09 00:00:00
Lead Agency:	STANISLAUS COUNTY LOP
Case Worker:	Not reported
Local Agency:	STANISLAUS COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	369
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminats of Concern:	Benzene, Diesel, Gasoline, Xylene
Site History:	Not reported

LUST REG 5:

Region:	5
Status:	Case Closed
Case Number:	500291
Case Type:	Drinking Water Aquifer affected
Substance:	Not reported
Staff Initials:	MTS
Lead Agency:	Local
Program:	LUST
MTBE Code:	N/A

SWEEPS UST:

Status:	A
Comp Number:	34501

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LUCAS DAIRY (Continued)

S104163165

Number: 2
 Board Of Equalization: Not reported
 Ref Date: 10-31-91
 Act Date: 10-31-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-034501-000001
 Actv Date: 10-31-91
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: A
 Comp Number: 34501
 Number: 2
 Board Of Equalization: Not reported
 Ref Date: 10-31-91
 Act Date: 10-31-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-034501-000002
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 34501
 Number: 2
 Board Of Equalization: Not reported
 Ref Date: 10-31-91
 Act Date: 10-31-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-034501-000003
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500291

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**58 ALVERNAZ DAIRY INC.
 11313 FULKERTH RD
 TURLOCK, CA 95380**

**CA FID UST S101626877
 SWEEPS UST N/A**

CA FID UST:

Facility ID: 50003328
 Regulated By: UTNKA
 Regulated ID: 00030073
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096675139
 Mail To: Not reported
 Mailing Address: 11313 FULKERTH RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 30073
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 11-30-88
 Act Date: 11-30-88
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-030073-000001
 Actv Date: 11-30-88
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 30073
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 11-30-88
 Act Date: 11-30-88
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-030073-000002
 Actv Date: 11-30-88
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**58 ALVERNAZ DAIRY INC.
 11313 FULKERTH RD
 TURLOCK, CA 95380**

**HIST UST U001608585
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000030073
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0004
 Contact Name: Not reported
 Telephone: 2096675139
 Owner Name: ALVERNAZ DAIRY INC.
 Owner Address: 11313 FULKERTH RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 004
 Container Num: 4
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

59 MRS. JOE A. CARVALHO **HIST UST** **U001604955**
10907 FULKERTH RD
CERES, CA 95307 **N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000031253
 Facility Type: Other
 Other Type: ALMOND RANCH
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096323033
 Owner Name: MRS. JOE A. CARVALHO
 Owner Address: 10907 E. FULKERTH RD.
 Owner City,St,Zip: CERES, CA 95307

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

59 MRS. JOE A. CARVALHO **SWEEPS UST** **S106929696**
10907 E FULKERTH RD
CERES, CA 95307 **N/A**

SWEEPS UST:
 Status: Not reported
 Comp Number: 31253
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-031253-000001
 Actv Date: Not reported
 Capacity: Not reported
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 1

60 MOUNTAIN VIEW FIRE PROTECTION **HIST UST** **U001605051**
9633 CROWS LANDING RD **SWEEPS UST** **N/A**
CROWS LANDING, CA 95313

HIST UST:
 Region: STATE
 Facility ID: 00000027174
 Facility Type: Other
 Other Type: FIRE PROTECTION
 Total Tanks: 0001
 Contact Name: LLOYD SWANSON, FIRE CHIEF

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOUNTAIN VIEW FIRE PROTECTION (Continued)

U001605051

Telephone: 2096344766
 Owner Name: MOUNTAIN VIEW FIRE PROTECTION
 Owner Address: 9633 CROWS LANDING ROAD
 Owner City,St,Zip: CROWS LANDING, CA 95313

Tank Num: 001
 Container Num: 1
 Year Installed: 1981
 Tank Capacity: 00000515
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 10 gauge
 Leak Detection: None

SWEEPS UST:

Status: Not reported
 Comp Number: 27174
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-027174-000001
 Actv Date: Not reported
 Capacity: 515
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 1

60

**9591 CROWS LANDING RD
 CROWS LANDING, CA 95313**

**CDL S107537263
 N/A**

CDL:

Facility ID: 200007038
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

60

**SEPTAGE DISPOSAL SITE
 9585 CROWS LANDING RD
 MODESTO, CA 0**

**CA WDS S102007702
 N/A**

CA WDS:

Facility ID: San Joaquin 502045001
 Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: Not reported
 Subregion: 0
 Facility Telephone: Not reported
 Facility Contact: RICHARD RUIZ
 Agency Name: CLARK'S SEPTIC SERVICE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SEPTAGE DISPOSAL SITE (Continued)

S102007702

Agency Address: 6130 EAST WHITMORE AVE
 Agency City,St,Zip: HUGHSON 95326
 Agency Contact: RICHARD RUIZ / LINDA BIBB
 Agency Telephone: 2095376624
 Agency Type: Private
 SIC Code: 7699
 SIC Code 2: Not reported
 Primary Waste: Domestic Sewage
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

60

**JERRY DOVER DAIRY
 9473 CROWSLANDING RD
 CROWSLANDING, CA 95313**

**HAZNET S107145281
 N/A**

HAZNET:
 Gepaid: CAL000011053
 Contact: Not reported
 Telephone: 0
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 9473 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953139603
 Gen County: Stanislaus
 TSD EPA ID: CAD028409019
 TSD County: Stanislaus
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Tons: 0.75
 Facility County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site Database(s) EDR ID Number
 EPA ID Number

60 9461 CROWS LANDING ROAD CDL S107537209
 CROWS LANDING, CA 95313 N/A

CDL:
 Facility ID: 200209059
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

61 TONY F MELO & SONS FINDS 1005585084
 730 W BYSTRUM RD N/A
 TURLOCK, CA 95380

FINDS:
 Registry ID: 110006785121
 Environmental Interest/Information System
 US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
 PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

62 G&P LAND AND CATTLE CA FID UST S101626936
 306 N BYSTROM RD SWEEPS UST N/A
 TURLOCK, CA 95380

CA FID UST:
 Facility ID: 50003510
 Regulated By: UTNKA
 Regulated ID: 00033734
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096324535
 Mail To: Not reported
 Mailing Address: 306 N BYSTROM RD
 Mailing Address 2: Not reported
 Mailing City, St, Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:
 Status: A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

G&P LAND AND CATTLE (Continued)

S101626936

Comp Number: 33734
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-033734-000001
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 33734
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-033734-000002
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

63

**G&P LAND AND CATTLE
 306 BYSTRUM RD
 TURLOCK, CA 95380**

**HIST UST U001608669
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000033734
 Facility Type: Other
 Other Type: FARMING & CATTLE
 Total Tanks: 0002
 Contact Name: PETE GRISCHOTT
 Telephone: 2096324535
 Owner Name: G&P LAND AND CATTLE
 Owner Address: 306 NO. BYSTROM RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

G&P LAND AND CATTLE (Continued)

U001608669

Tank Num: 002
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

64

**ELZENGA'S GARAGE
 10000 CROWS LANDING RD
 CROWS LANDING, CA 95313**

**HAZNET
 HIST UST
 EMI
 SWEEPS UST**

**U001605042
 N/A**

HAZNET:

Gepaid: CAL000274518
 Contact: ERIC PRICE
 Telephone: 2095224119
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 10000 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953130000
 Gen County: Stanislaus
 TSD EPA ID: UTD981552177
 TSD County: Stanislaus
 Waste Category: Other organic solids
 Disposal Method: Not reported
 Tons: 1.5
 Facility County: Stanislaus

Gepaid: CAL000274518
 Contact: ERIC PRICE
 Telephone: 2095224119
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 10000 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953130000
 Gen County: Stanislaus
 TSD EPA ID: CAD059494310
 TSD County: Santa Clara
 Waste Category: Drilling mud
 Disposal Method: Transfer Station
 Tons: 0.3
 Facility County: Not reported

HIST UST:

Region: STATE
 Facility ID: 00000057440
 Facility Type: Gas Station
 Other Type: Not reported
 Total Tanks: 0004
 Contact Name: JAKE A. ELZENGA, JR.
 Telephone: 2096340882
 Owner Name: TOM J. MCCART
 Owner Address: 12709 WEST MAIN
 Owner City,St,Zip: CROWS LANDING, CA 95313

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ELZENGA'S GARAGE (Continued)

U001605042

Tank Num: 001
 Container Num: 4
 Year Installed: 1961
 Tank Capacity: 00000350
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 3
 Year Installed: 1976
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 1
 Year Installed: 1961
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 2
 Year Installed: 1961
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

EMI:

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 4196
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .3894348630440489545
 Reactive Organic Gases Tons/Yr: .387375
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

SWEEPS UST:

Status: A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ELZENGA'S GARAGE (Continued)

U001605042

Comp Number: 57440
 Number: 2
 Board Of Equalization: 44-028947
 Ref Date: 12-06-91
 Act Date: 12-06-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-057440-000002
 Actv Date: 07-01-85
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 3

Status: A
 Comp Number: 57440
 Number: 2
 Board Of Equalization: 44-028947
 Ref Date: 12-06-91
 Act Date: 12-06-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-057440-000003
 Actv Date: 07-01-85
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 57440
 Number: 2
 Board Of Equalization: 44-028947
 Ref Date: 12-06-91
 Act Date: 12-06-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-057440-000004
 Actv Date: 07-01-85
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 57440
 Number: Not reported
 Board Of Equalization: 44-028947
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ELZENGA'S GARAGE (Continued)

U001605042

Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-057440-000001
 Actv Date: Not reported
 Capacity: 350
 Tank Use: OIL
 Stg: WASTE
 Content: WASTE OIL
 Number Of Tanks: 1

64

**MOUNTAIN VIEW MIDDLE SCHOOL
 10001 CROWS LANDING ROAD
 CROWS LANDING, CA 95313**

**FINDS 1008279921
 N/A**

FINDS:

Registry ID: 110036623829

Environmental Interest/Information System

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

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**EXPRESS STOP
 10000 CROWS LANDING RD
 CROWS LANDING, CA 95313**

**HAZNET S103619885
 N/A**

HAZNET:

Gepaid: CAC001223136
 Contact: EXPRESS STOP
 Telephone: 2096680621
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 10000 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953130000
 Gen County: Stanislaus
 TSD EPA ID: NVD982358483
 TSD County: 99
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: .7923
 Facility County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

**64 EXPRESS STOP
 10000 CROWS LANDING
 CROWS LANDING, CA 95313**

**LUST S103065226
 HIST CORTESE N/A**

LUST:

Region: STATE
 Global Id: T0609900325
 Latitude: 37.4929547
 Longitude: -120.9943843
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 2005-02-09 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: STANISLAUS COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 211
 File Location: Local Agency
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminats of Concern: Gasoline, Diesel
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Case Closed
 Case Number: 500387
 Case Type: Drinking Water Aquifer affected
 Substance: Not reported
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: 1

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500387

**64 MT VIEW FEED & SEED CO.
 9942 CROWS LANDING RD
 CROWS LANDING, CA 95313**

**HIST UST U001605052
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000016264
 Facility Type: Other
 Other Type: FEED & SEED
 Total Tanks: 0002
 Contact Name: GERY WAGNER
 Telephone: 2098830220
 Owner Name: MOUNTAIN VIEW FEED & SEED CO.
 Owner Address: 9942 CROWS LANDING RD.
 Owner City,St,Zip: CROWSLANDING, CA 95313

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00001000

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MT VIEW FEED & SEED CO. (Continued)

U001605052

Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

64

**MT VIEW FEED AND SEED
 9942 CROWS LANDING RD
 CROWS LANDING, CA 95313**

**HAZNET S103978628
 N/A**

HAZNET:

Gepaid: CAC001355520
 Contact: MT VIEW FEED AND SEED
 Telephone: 2095386424
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 9942 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953130000
 Gen County: Stanislaus
 TSD EPA ID: NVD982358483
 TSD County: 99
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: .1042
 Facility County: Stanislaus

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**MOUNTAIN VIEW FEED & SEED CO.
 9942 CROWS LANDING ROAD
 CROWS LANDING, CA 95313**

**SLIC S106486498
 EMI N/A**

SLIC:

Region: STATE
Facility Status: Open - Inactive
 Status Date: 1998-05-29 00:00:00
 Global Id: SLT5S1973236
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Lead Agency Case Number: Not reported
 Latitude: 37.4421525941176
 Longitude: -121.0345883
 Case Type: Cleanup Program Site
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: Not reported
 File Location: Not reported
 Potential Media Affected: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Not reported
 Site History: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOUNTAIN VIEW FEED & SEED CO. (Continued)

S106486498

EMI:

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 3808
 Air District Name: SJU
 SIC Code: 2048
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 31.51724137931034482
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 9.14

64

MOUNTAIN VIEW FEED & SEED COMPANY
 9942 CROWS LANDING RD
 CROWS LANDING, CA**

**LUST S101305092
 SLIC N/A
 HIST CORTESE**

LUST:

Region: STATE
 Global Id: T0609900021
 Latitude: 37.4936207
 Longitude: -120.9946663
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 1999-12-07 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: STANISLAUS COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 53
 File Location: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline, Diesel
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Case Closed
 Case Number: 500022
 Case Type: Drinking Water Aquifer affected
 Substance: Not reported
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

SLIC:

Region: 5
 Facility Status: RI
 Unit: Facility is a Spill or site
 Pollutant: TPH

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOUNTAIN VIEW FEED & SEED COMPANY (Continued)**

S101305092

Lead Agency: Not reported
 Date Filed: 05/29/98
 Report Date: / /
 Date Added: Not reported
 Date Closed: Not reported

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500022

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**FARMERS DEN
 9952 CROWS LANDING
 CROWS LANDING, CA 95313**

**HAZNET
 LUST
 SWEEPS UST
 HIST CORTESE**

**S101305093
 N/A**

HAZNET:

Gepaid: CAL000274514
 Contact: ERIC PRICE
 Telephone: 2095224119
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 9952 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953130000
 Gen County: Stanislaus
 TSD EPA ID: CAL000190816
 TSD County: Stanislaus
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 0.83
 Facility County: Stanislaus

Gepaid: CAL000274514
 Contact: ERIC PRICE
 Telephone: 2095224119
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 9952 CROWS LANDING RD
 Mailing City,St,Zip: CROWS LANDING, CA 953130000
 Gen County: Stanislaus
 TSD EPA ID: UTD981552177
 TSD County: Stanislaus
 Waste Category: Other organic solids
 Disposal Method: Not reported
 Tons: 0.5
 Facility County: Stanislaus

LUST:

Region: STATE
 Global Id: T0609900057
 Latitude: 37.4935117
 Longitude: -120.9946653
 Case Type: LUST Cleanup Site
 Status: Open - Remediation
 Status Date: 2006-06-07 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FARMERS DEN (Continued)

S101305093

Case Worker: Not reported
 Local Agency: STANISLAUS COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 54
 File Location: Local Agency
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminats of Concern: Gasoline, Diesel
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Remedial action (cleanup) Underway
 Case Number: 500064
 Case Type: Drinking Water Aquifer affected
 Substance: Not reported
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: 0

SWEEPS UST:

Status: Not reported
 Comp Number: 71355
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: Not reported
 Actv Date: Not reported
 Capacity: Not reported
 Tank Use: Not reported
 Stg: Not reported
 Content: Not reported
 Number Of Tanks: 0

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500064

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**MT VIEW FEED & SEED CO.
 9942 CROWSLANDING RD
 CROWS LANDING, CA 95313**

**SWEEPS UST S106929713
 N/A**

SWEEPS UST:

Status: Not reported
 Comp Number: 16264
 Number: Not reported
 Board Of Equalization: 44-028617
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MT VIEW FEED & SEED CO. (Continued)

S106929713

Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-016264-000001
 Actv Date: Not reported
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: 2

Status: Not reported
 Comp Number: 16264
 Number: Not reported
 Board Of Equalization: 44-028617
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-016264-000002
 Actv Date: Not reported
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: Not reported

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**MOUNTAIN VIEW FEED & SEED CO
 9942 CROWSLANDING ROAD
 CROWSLANDING, CA 95313**

**FINDS 1006823285
 EMI N/A**

FINDS:

Registry ID: 110013818486

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

EMI:

Year: 1998
 County Code: 50
 Air Basin: SJV
 Facility ID: 3808
 Air District Name: SJU
 SIC Code: 2048
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 8

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOUNTAIN VIEW FEED & SEED CO (Continued)

1006823285

Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 1999
 County Code: 50
 Air Basin: SJV
 Facility ID: 3808
 Air District Name: SJU
 SIC Code: 2048
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 8
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2000
 County Code: 50
 Air Basin: SJV
 Facility ID: 3808
 Air District Name: SJU
 SIC Code: 2048
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 3

Year: 2001
 County Code: 50
 Air Basin: SJV
 Facility ID: 3808
 Air District Name: SJU
 SIC Code: 2048
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 3

Year: 2002
 County Code: 50
 Air Basin: SJV
 Facility ID: 3808

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOUNTAIN VIEW FEED & SEED CO (Continued)

1006823285

Air District Name: SJU
 SIC Code: 2048
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 9
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 3

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**128 S MORGAN RD
 TURLOCK, CA 95380**

**CDL S107527995
 N/A**

CDL:

Facility ID: 200501052
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

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**MELVIN MENDEZ LAND LEVELING
 10336 CROWS LANDING
 CROWS LANDING, CA 95313**

**LUST S104163028
 HIST CORTESE N/A**

LUST:

Region: STATE
 Global Id: T0609900020
 Latitude: 37.4880778
 Longitude: -120.9943502
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 2005-03-15 00:00:00
 Lead Agency: STANISLAUS COUNTY LOP
 Case Worker: Not reported
 Local Agency: STANISLAUS COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: 55
 File Location: Local Agency
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminats of Concern: Gasoline
 Site History: Not reported

LUST REG 5:

Region: 5
 Status: Case Closed
 Case Number: 500021
 Case Type: Drinking Water Aquifer affected
 Substance: GASOLINE
 Staff Initials: MTS
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MELVIN MENDEZ LAND LEVELING (Continued)

S104163028

CORTESE:

Region: CORTESE
 Facility County Code: 50
 Reg By: LTNKA
 Reg Id: 500021

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**MELVIN MENDES LAND LEVELING
 10336 CROWS LANDING RD
 CROWS LANDING, CA 95313**

**HIST UST
 SWEEPS UST**

**U001605050
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000045142
 Facility Type: Other
 Other Type: RANCH
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096672233
 Owner Name: MELVIN MENDES LAND LEVELING
 Owner Address: 10336 CROWS LANDING RD.
 Owner City,St,Zip: CROWS LANDING, CA 95313

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: Not reported
 Comp Number: 45142
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-045142-000001
 Actv Date: Not reported
 Capacity: Not reported
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**67 F. K. STALLARD
 1225 S MORGAN RD
 TURLOCK, CA 95380**

**CA FID UST S101630579
 SWEEPS UST N/A**

CA FID UST:

Facility ID: 50002807
 Regulated By: UTNKA
 Regulated ID: 00011337
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096320512
 Mail To: Not reported
 Mailing Address: 1225 S MORGAN RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 11337
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-011337-000001
 Actv Date: 07-01-85
 Capacity: 400
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

**67 SAME AS ABOVE
 1225 S MORGAN RD
 TURLOCK, CA 95380**

**HIST UST U001608809
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000011337
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0000
 Contact Name: Not reported
 Telephone: 2096320512
 Owner Name: F.K. STALLARD
 Owner Address: 1225 SO. MORGAN RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SAME AS ABOVE (Continued)

U001608809

Year Installed: 1955
 Tank Capacity: 00000400
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual

68

**CROWS LANDING ROAD / SIMMONS ROAD
 STANISLAUS (County), CA**

**CDL S107538246
 N/A**

CDL:

Facility ID: 200011130
 Lab Type: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

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**DARLING INTERNATIONAL INC
 11946 CARPENTER RD
 CROWS LANDING, CA 95380**

**AST S102007727
 CA WDS N/A**

AST:

Owner: DARLING INTERNATIONAL INC
 Total Gallons: 33880
 Certified Unified Program Agencies: Stanislaus

CA WDS:

Facility ID: San Joaquin 502027001
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: Not reported
 Subregion: 0
 Facility Telephone: 2096343093
 Facility Contact: MR. DICK LABUGA
 Agency Name: DARLING INTERNATIONAL INC
 Agency Address: 251 OCONNOR RIDGE BLVD STE 300
 Agency City,St,Zip: IRVING 75038
 Agency Contact: JOHN BOHANNON
 Agency Telephone: 9722814490
 Agency Type: Private
 SIC Code: 2077
 SIC Code 2: Not reported
 Primary Waste: Process Waste (Waste produced as part of the industrial/manufacturing process)
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DARLING INTERNATIONAL INC (Continued)

S102007727

Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

69

**DARLING INTERNATIONAL INC.
 11946 CARPENTER ROAD
 CROWS LANDING, CA 95313**

**FINDS 1004443802
 EMI N/A**

FINDS:

Registry ID: 110000485056

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

EMI:

Year: 1995
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DARLING INTERNATIONAL INC. (Continued)

1004443802

Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 5
 NOX - Oxides of Nitrogen Tons/Yr: 20
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 1
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1997
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 5
 NOX - Oxides of Nitrogen Tons/Yr: 20
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 1
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1998
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DARLING INTERNATIONAL INC. (Continued)

1004443802

Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 3
 NOX - Oxides of Nitrogen Tons/Yr: 7
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1999
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 3
 NOX - Oxides of Nitrogen Tons/Yr: 7
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 4
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2001
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 4
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DARLING INTERNATIONAL INC. (Continued)

1004443802

Year: 2002
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 5
 SOX - Oxides of Sulphur Tons/Yr: 1
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 3
 NOX - Oxides of Nitrogen Tons/Yr: 5
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 13
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 7

Year: 2005
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1.016872179465331889
 Reactive Organic Gases Tons/Yr: .5326987367630002
 Carbon Monoxide Emissions Tons/Yr: 5.2295611540794339
 NOX - Oxides of Nitrogen Tons/Yr: 8.327807546424877
 SOX - Oxides of Sulphur Tons/Yr: 3.18070913572311117
 Particulate Matter Tons/Yr: 3.101175301382479241
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 2.963126747391895272

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DARLING INTERNATIONAL INC. (Continued)

1004443802

Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1.088073249300993297
 Reactive Organic Gases Tons/Yr: .5751554912948611
 Carbon Monoxide Emissions Tons/Yr: 3.5297143020820612
 NOX - Oxides of Nitrogen Tons/Yr: 7.032422422485347
 SOX - Oxides of Sulphur Tons/Yr: 2.22558821542739617
 Particulate Matter Tons/Yr: 2.292533658610144082
 Part. Matter 10 Micrometers & Smllr Tons/Yr: 2.197399691389694756

Year: 2007
 County Code: 50
 Air Basin: SJV
 Facility ID: 2107
 Air District Name: SJU
 SIC Code: 2077
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1.286987755548213169
 Reactive Organic Gases Tons/Yr: .5433662303924556
 Carbon Monoxide Emissions Tons/Yr: .678410068016052
 NOX - Oxides of Nitrogen Tons/Yr: 3.88428260147095
 SOX - Oxides of Sulphur Tons/Yr: .27359586467742892
 Particulate Matter Tons/Yr: .8569324364742417962
 Part. Matter 10 Micrometers & Smllr Tons/Yr: .846636974781037

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**DARLING INTERNATIONAL INC
 11946 CARPENTER RD
 TURLOCK, CA 95313**

**HAZNET S102809656
 N/A**

HAZNET:

Gepaid: CAL000008929
 Contact: DARLING INTERNATIONAL INC
 Telephone: 9722814490
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 251 O'CONNOR RIDGE BLVD STE 300
 Mailing City,St,Zip: IRVING, TX 750381608
 Gen County: Stanislaus
 TSD EPA ID: CAD981388952
 TSD County: Shasta
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 3.3712
 Facility County: Stanislaus

Gepaid: CAL000008929
 Contact: DARLING INTERNATIONAL INC
 Telephone: 9722814490
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 251 O'CONNOR RIDGE BLVD STE 300
 Mailing City,St,Zip: IRVING, TX 750381608
 Gen County: Stanislaus
 TSD EPA ID: CAD990794133
 TSD County: San Joaquin

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DARLING INTERNATIONAL INC (Continued)

S102809656

Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 4.2140
 Facility County: Stanislaus

Gepaid: CAL000008929
 Contact: DARLING INTERNATIONAL INC
 Telephone: 9722814490
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 251 O'CONNOR RIDGE BLVD STE 300
 Mailing City,St,Zip: IRVING, TX 750381608
 Gen County: Stanislaus
 TSD EPA ID: CAT000613968
 TSD County: Stanislaus
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
 Disposal Method: Transfer Station
 Tons: .2376
 Facility County: Stanislaus

Gepaid: CAL000008929
 Contact: MATT TAYLOR, MGR OF ENVT'L
 Telephone: 9722814443
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 251 O'CONNOR RIDGE BLVD STE 300
 Mailing City,St,Zip: IRVING, TX 750381608
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: Alameda
 Waste Category: Oil/water separation sludge
 Disposal Method: H141
 Tons: 0.58
 Facility County: Stanislaus

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional CA_HAZNET: record(s) in the EDR Site Report.

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**PETERSON MFG. CO.
 11946 CARPENTER RD
 CROWS LANDING, CA 95313**

**HIST UST U001605056
 SWEEPS UST N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000010755
 Facility Type: Other
 Other Type: RENDERING
 Total Tanks: 0002
 Contact Name: DAVID CLARK
 Telephone: 2095379701
 Owner Name: PETERSON MFG. CO., SUBSIDIARY
 Owner Address: 2626 E. 25TH STREET
 Owner City,St,Zip: LOS ANGELES, CA 90058

Tank Num: 001
 Container Num: 13
 Year Installed: Not reported
 Tank Capacity: 00007500

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PETERSON MFG. CO. (Continued)

U001605056

Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 14
 Year Installed: Not reported
 Tank Capacity: 00007500
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
 Comp Number: 10755
 Number: 9
 Board Of Equalization: 44-000154
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 13
 Swrcb Tank Id: 50-000-010755-000001
 Actv Date: 07-01-85
 Capacity: 7500
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 2

Status: A
 Comp Number: 10755
 Number: 9
 Board Of Equalization: 44-000154
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 14
 Swrcb Tank Id: 50-000-010755-000002
 Actv Date: 07-01-85
 Capacity: 7500
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

70 REED RANCH
 101 W TAYLOR RD
 TURLOCK, CA 95380

CA FID UST S101627036
 SWEEPS UST N/A

CA FID UST:

Facility ID: 50002328
 Regulated By: UTNKI
 Regulated ID: 00022824
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096323885
 Mail To: Not reported
 Mailing Address: 101 W TAYLOR RD
 Mailing Address 2: Not reported
 Mailing City, St, Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

SWEEPS UST:

Status: Not reported
 Comp Number: 22824
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-022824-000001
 Actv Date: Not reported
 Capacity: 300
 Tank Use: UNKNOWN
 Stg: PRODUCT
 Content: Not reported
 Number Of Tanks: 1

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806 HARDING RD., CLOSEST CITY IS TURLOCK
 UNINCORPORATED COUNTY AREA, CA 95382

CHMIRS S108403015
 N/A

CHMIRS:

OES Incident Number: 05-2732
 OES notification: 5/7/200511:07:14 AM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

(Continued)

S108403015

Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agency Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Stanislaus Farm Supply
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 2005
 Agency: CHP Modesto
 Incident Date: 5/7/2005 12:00:00 AM
 Admin Agency: Not reported
 Amount: Not reported
 Contained: Yes
 Site Type: Road
 E Date: Not reported
 Substance: Liquid Fertilizer: Ammonium Phosphate
 Quantity Released: Not reported
 BBLS: 0
 Cups: 0
 CUFT: 0
 Gallons: 800
 Grams: 0
 Pounds: 0
 Liters: 0
 Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

(Continued)

S108403015

Description:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Released due to a traffic collision. Stanislaus Farm Supply is the owner of the substance however the responsible party listed is the person who caused the accident.

**72 RLE ENTERPRISES INC
14367 W HARDING RD
TURLOCK, CA 95380**

**HAZNET S108754012
N/A**

HAZNET:

Gepaid:	CAR000096925
Contact:	Rich Eidson/PRES
Telephone:	2094958639
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	14367 W HARDING RD
Mailing City,St,Zip:	TURLOCK, CA 953800000
Gen County:	Stanislaus
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Disposal, Land Fill
Tons:	14.32
Facility County:	Stanislaus

**73 SWANSON FARMS 400 RANCH
16804 W HARDING RD
TURLOCK, CA 95380**

**HIST UST U001608822
N/A**

HIST UST:

Region:	STATE
Facility ID:	00000053446
Facility Type:	Other
Other Type:	ALMOND FARM
Total Tanks:	0001
Contact Name:	BRIAN RAMOS
Telephone:	2096672002
Owner Name:	SWANSON FARMS
Owner Address:	5213 W. MAIN ST.
Owner City,St,Zip:	TURLOCK, CA 985380
Tank Num:	001
Container Num:	1
Year Installed:	1968
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	10 gauge
Leak Detection:	None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

73 SWANSON FARMS 400 RANCH
 16804 E HARDING RD
 TURLOCK, CA 95380

CA FID UST S101627054
 EMI N/A
 SWEEPS UST

CA FID UST:

Facility ID: 50003974
 Regulated By: UTNKA
 Regulated ID: 00053446
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096672002
 Mail To: Not reported
 Mailing Address: P O BOX
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

EMI:

Year: 2006
 County Code: 50
 Air Basin: SJV
 Facility ID: 1389
 Air District Name: SJU
 SIC Code: 5541
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .0446136406075885874
 Reactive Organic Gases Tons/Yr: .044437336770057716
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

SWEEPS UST:

Status: A
 Comp Number: 53446
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-053446-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

74	KENNETH RAPP 16379 W HARDING RD TURLOCK, CA 95381	HIST UST	U001608886 N/A
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HIST UST:

Region:	STATE
Facility ID:	00000047701
Facility Type:	Other
Other Type:	FARM
Total Tanks:	0001
Contact Name:	Not reported
Telephone:	2096322616
Owner Name:	KENNETH RAPP
Owner Address:	(16379 HARDING ROAD)
Owner City,St,Zip:	TURLOCK, CA 95381

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor

75	VICTOR J. BERTOLINI 15811 HARDING RD TURLOCK, CA 95380	CA FID UST SWEEPS UST	S101627075 N/A
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CA FID UST:

Facility ID:	50003248
Regulated By:	UTNKA
Regulated ID:	00027984
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2096348036
Mail To:	Not reported
Mailing Address:	15811 HARDING RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	TURLOCK 95380
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	27984
Number:	9
Board Of Equalization:	Not reported
Ref Date:	07-01-85
Act Date:	Not reported
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	1
Swrcb Tank Id:	50-000-027984-000001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

VICTOR J. BERTOLINI (Continued)

S101627075

Actv Date: 07-01-85
 Capacity: 499
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

75

**VICTOR J. BERTOLINI
 15811 W HARDING RD
 TURLOCK, CA 95380**

**HIST UST U001608855
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000027984
 Facility Type: Other
 Other Type: PRIVATE
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096348036
 Owner Name: VICTOR J. BERTOLINI
 Owner Address: 15811 HARDING ROAD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000499
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

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**BONANDER FARMS
 15371 W HARDING RD
 TURLOCK, CA 95380**

**HIST UST U001608609
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000036771
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0004
 Contact Name: ROBERT J. BONANDER
 Telephone: 2096678261
 Owner Name: BONANDER FARMS
 Owner Address: 15371 HARDING RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: 12 gauge
 Leak Detection: Stock Inventor

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BONANDER FARMS (Continued)

U001608609

Tank Num: 002
 Container Num: 4
 Year Installed: Not reported
 Tank Capacity: 00000150
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: 12 gauge
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 10 gauge
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000150
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 12 gauge
 Leak Detection: Stock Inventor

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**BONANDER FARMS
 15371 HARDING RD
 TURLOCK, CA 95380**

**CA FID UST
 SWEEPS UST**

**S101626896
 N/A**

CA FID UST:

Facility ID: 50003637
 Regulated By: UTNKA
 Regulated ID: 00036771
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096678261
 Mail To: Not reported
 Mailing Address: 15371 HARDING RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 36771
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BONANDER FARMS (Continued)

S101626896

Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-036771-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 4

Status: A
 Comp Number: 36771
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 4
 Swrcb Tank Id: 50-000-036771-000002
 Actv Date: 07-01-85
 Capacity: 150
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 36771
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-036771-000003
 Actv Date: 07-01-85
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

76

**KENNETH R. KENWORTHY
 15445 HARDING RD
 TURLOCK, CA 95380**

**CA FID UST S101626980
 SWEEPS UST N/A**

CA FID UST:
 Facility ID: 50002988
 Regulated By: UTNKA
 Regulated ID: 00018737
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096347606
 Mail To: Not reported
 Mailing Address: 15445 HARDING RD

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

KENNETH R. KENWORTHY (Continued)

S101626980

Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 18737
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-018737-000001
 Actv Date: 07-01-85
 Capacity: 300
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

76

**KENNETH R. KENWORTHY
 15445 W HARDING RD
 TURLOCK, CA 95380**

**HIST UST U001608723
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000018737
 Facility Type: Other
 Other Type: FARMING
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096347606
 Owner Name: KENNETH R. KENWORTHY
 Owner Address: 15445 HARDING RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

77 ASAJI YOTSUYA HIST UST U001608591
14548 W HARDING RD N/A
TURLOCK, CA 95380

HIST UST:
 Region: STATE
 Facility ID: 00000036584
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0003
 Contact Name: Not reported
 Telephone: 2096323060
 Owner Name: ASAJI YOTSUYA
 Owner Address: 14548 HARDING RD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: 1969
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 12 gauge
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 12 gauge
 Leak Detection: None

Tank Num: 003
 Container Num: 3
 Year Installed: 1972
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 12 gauge
 Leak Detection: None

77 ASAJI YOTSUYA CA FID UST S101626881
14548 HARDING RD SWEEPS UST N/A
TURLOCK, CA 95380

CA FID UST:
 Facility ID: 50003627
 Regulated By: UTNKA
 Regulated ID: 00036584
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096323060
 Mail To: Not reported
 Mailing Address: 14548 HARDING RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ASAJI YOTSUYA (Continued)

S101626881

DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 36584
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-036584-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 3

Status: A
 Comp Number: 36584
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-036584-000002
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

Status: A
 Comp Number: 36584
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-036584-000003
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**77 REED RANCH
 14503 HARDING
 TURLOCK, CA 95380**

**CA FID UST S101630577
 SWEEPS UST N/A**

CA FID UST:

Facility ID: 50001344
 Regulated By: UTNKA
 Regulated ID: 00044231
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096681595
 Mail To: Not reported
 Mailing Address: 14503 HARDING
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 44231
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-044231-000001
 Actv Date: 07-01-85
 Capacity: 9000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: 2

Status: A
 Comp Number: 44231
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-044231-000002
 Actv Date: 07-01-85
 Capacity: 700
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**77 REED RANCH
 14503 W HARDING RD
 TURLOCK, CA 95380**

**HIST UST U001608795
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000044231
 Facility Type: Other
 Other Type: RANCH
 Total Tanks: 0002
 Contact Name: LARRY REED
 Telephone: 2096681595
 Owner Name: LARRY REED
 Owner Address: 14503 HARDING
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: 1978
 Tank Capacity: 00009000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: Visual, Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1978
 Tank Capacity: 00000700
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 12 gauge
 Leak Detection: Visual

**78 GEORGE C. OKAMURA
 13557 W HARDING RD
 TURLOCK, CA 95380**

**HIST UST U001608675
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000031747
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096340567
 Owner Name: GEORGE C. OKAMURA
 Owner Address: 13557 HARDING RD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000400
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

78 LLOYD T. NARITA HIST UST U001608737
13626 W HARDING RD N/A
TURLOCK, CA 95380

HIST UST:
 Region: STATE
 Facility ID: 00000022022
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0003
 Contact Name: Not reported
 Telephone: 2096345750
 Owner Name: LLOYD T. NARITA
 Owner Address: 13626 HARDING RD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Visual

78 GEORGE C. OKAMURA CA FID UST S101626940
13557 HARDING RD SWEEPS UST N/A
TURLOCK, CA 95380

CA FID UST:
 Facility ID: 50003402
 Regulated By: UTNKA
 Regulated ID: 00031747
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096340567
 Mail To: Not reported
 Mailing Address: 13557 HARDING RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GEORGE C. OKAMURA (Continued)

S101626940

DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 31747
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-031747-000001
 Actv Date: 07-01-85
 Capacity: 400
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

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**FIORINI FARMS
 15132 W HARDING RD
 TURLOCK, CA 95380**

**HIST UST U001608662
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000031395
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0003
 Contact Name: Not reported
 Telephone: 2096320211
 Owner Name: MARIE FIORINI
 Owner Address: 15030 LOMBARDY RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FIORINI FARMS (Continued)

U001608662

Tank Num: 003
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

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**FIORINI FARMS
 15132 HARDING RD
 TURLOCK, CA 95380**

**CA FID UST
 SWEEPS UST**

**S101626932
 N/A**

CA FID UST:

Facility ID: 50003394
 Regulated By: UTNKA
 Regulated ID: 00031395
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096320211
 Mail To: Not reported
 Mailing Address: 15030 LOMBARDY RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 31395
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-031395-000001
 Actv Date: 07-01-85
 Capacity: Not reported
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 3

Status: A
 Comp Number: 31395
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FIORINI FARMS (Continued)

S101626932

Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-031395-000002
 Actv Date: 07-01-85
 Capacity: Not reported
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 31395
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-031395-000003
 Actv Date: 07-01-85
 Capacity: Not reported
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

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**HARDING / S CENTRAL
 UNINCORPORATED COUNTY AREA, CA**

**CHMIRS S105651239
 N/A**

CHMIRS:

OES Incident Number: 97-1672
 OES notification: 4/28/199709:12:09 AM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported
 Special Studies 3: Not reported
 Special Studies 4: Not reported
 Special Studies 5: Not reported
 Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S105651239

Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Laidlaw Env
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	Stanislaus Dept of Env Resources
Incident Date:	4/27/1997 12:00:00 AM
Admin Agency:	Stanislaus County Environmental Resources
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Drug Lab Waste
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Description:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Illegal dump, aban containers located.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

**81 LA FOLLETTE ENT INC
 3312 S BLAKER RD
 TURLOCK, CA 95380**

**CA FID UST S101626982
 SWEEPS UST N/A**

CA FID UST:

Facility ID: 50001262
 Regulated By: UTNKI
 Regulated ID: 00024531
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096321385
 Mail To: Not reported
 Mailing Address: 3312 S BLAKER RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

SWEEPS UST:

Status: Not reported
 Comp Number: 24531
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-024531-000001
 Actv Date: Not reported
 Capacity: 3000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: 5

Status: Not reported
 Comp Number: 24531
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-024531-000002
 Actv Date: Not reported
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

Status: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LA FOLLETTE ENT INC (Continued)

S101626982

Comp Number: 24531
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-024531-000003
 Actv Date: Not reported
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 24531
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-024531-000004
 Actv Date: Not reported
 Capacity: 12000
 Tank Use: OIL
 Stg: WASTE
 Content: WASTE OIL
 Number Of Tanks: Not reported

Status: Not reported
 Comp Number: 24531
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 50-000-024531-000005
 Actv Date: Not reported
 Capacity: 12000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID Direction EDR ID Number
 Distance Distance (ft.)Site Database(s) EPA ID Number

81 LAFOLLETTE ENTERPRISES INC HAZNET S100866224
 3312 S BLAKER N/A
 TURLOCK, CA 95380

HAZNET:

Gepaid: CAL000007356
 Contact: RANDY LAFOLLETTE
 Telephone: 2096321385
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3312 S BLAKER RD
 Mailing City,St,Zip: TURLOCK, CA 953809320
 Gen County: Stanislaus
 TSD EPA ID: CA0000084517
 TSD County: Sacramento
 Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Transfer Station
 Tons: .0560
 Facility County: Stanislaus

Gepaid: CAL000007356
 Contact: RANDY LAFOLLETTE
 Telephone: 2096321385
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3312 S BLAKER RD
 Mailing City,St,Zip: TURLOCK, CA 953809320
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: .3336
 Facility County: Stanislaus

Gepaid: CAL000007356
 Contact: RANDY LAFOLLETTE
 Telephone: 2096321385
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 3312 S BLAKER RD
 Mailing City,St,Zip: TURLOCK, CA 953809320
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Not reported
 Tons: .3336
 Facility County: Stanislaus

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**81 LA FOLLETTE ENT INC
 3312 S BLAKER RD
 TURLOCK, CA 95380**

**HIST UST U001608725
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000024531
 Facility Type: Not reported
 Other Type: CHOPPINS SILAGE
 Total Tanks: 0005
 Contact Name: Not reported
 Telephone: 2096321385
 Owner Name: LA FOLLETTE ENT. INC.
 Owner Address: 3312 S. BLAKER RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: 1966
 Tank Capacity: 00003000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: 1971
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 5
 Year Installed: 1980
 Tank Capacity: 00012000
 Tank Used for: PRODUCT
 Type of Fuel: WASTE OIL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 005
 Container Num: 4
 Year Installed: 1980
 Tank Capacity: 00012000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LA FOLLETTE ENT INC (Continued)

U001608725

Leak Detection: Stock Inventor

82

**A & J DE SOUZA DAIRY
 3030 S CENTRAL AVE
 TURLOCK, CA 95380**

CA WDS

**S106104481
 N/A**

CA WDS:

Facility ID: 5S 50I014042
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0
 Facility Telephone: 2096325845
 Facility Contact: ARMELIM DE SOUZA
 Agency Name: ARMELIM & JOSE DE SOUZA
 Agency Address: 3030 S Central Ave
 Agency City,St,Zip: Turlock 953809329
 Agency Contact: ARMELIM DE SOUZA
 Agency Telephone: 2096325845
 Agency Type: Private
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

83	JOSE B FRANCO HEIFER RANCH 4231 S CENTRAL TURLOCK, CA 95380	CA WDS	S106103649 N/A
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CA WDS:

Facility ID: San Joaquin 505023001

Facility Type: Agricultural - Facility that treats and/or disposes of the wastes associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this category.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: Not reported

Subregion: 0

Facility Telephone: 2096324877

Facility Contact: JOSE B FRANCO

Agency Name: FRANCO JOSE

Agency Address: 4231 S CENTRAL

Agency City,St,Zip: TURLOCK 95380

Agency Contact: JOSE FRANCO

Agency Telephone: 2096324877

Agency Type: Private

SIC Code: 241

SIC Code 2: Not reported

Primary Waste: Washwater Waste (Product washwater wastes: E.G., photo reuse wastewater, vegetable washwater)

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: No reclamation requirements associated with this facility.

POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.

Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

(Continued)

S105651237

Special Studies 6: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: No
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Laidlaw
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 1997
 Agency: Stanislaus Co Dept of Env Health
 Incident Date: 4/27/1997 12:00:00 AM
 Admin Agency: Stanislaus County Environmental Resources
 Amount: Not reported
 Contained: Yes
 Site Type: Residence
 E Date: Not reported
 Substance: Drug Lab Waste
 Quantity Released: Not reported
 BBLS: 0
 Cups: 0
 CUFT: 0
 Gallons: 0.000000
 Grams: 0
 Pounds: 0
 Liters: 0
 Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Description: Not reported
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: During a domestic dispute, Stanislaus Co SD located a drug lab.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s)
 EPA ID Number

84 PRUNE AVENUE DISPOSAL SITE SWF/LF S102362871
PRUNE AVENUE AT PARADISE AVENUE N/A
PATTERSON, CA

SWF/LF:
 Region: STATE
 Facility ID: 50-CR-0014
 Lat/Long: 37.45268 / -121.04885
 Owner Name: Buehner, Ken
 Owner Telephone: 2098928080
 Owner Address: Not reported
 Owner Address2: 3161 Prune Ave
 Owner City,St,Zip: Patterson, CA 95363
 Operator: Not reported
 Operator Phone: Not reported
 Operator Address: Not reported
 Operator Address2: Not reported
 Operator City,St,Zip: Not reported
 Operator's Status: Closed
 Permit Date: Not reported
 Permit Status: Not reported
 Permitted Acreage: Not reported
 Activity: Solid Waste Disposal Site
 Regulation Status: Pre-regulations
 Landuse Name: Not reported
 GIS Source: GPS
 Category: Disposal
 Unit Number: 01
 Inspection Frequency: Annual
 Accepted Waste: Not reported
 Closure Date: Not reported
 Closure Type: Not reported
 Disposal Acreage: Not reported
 Swisnumber: 50-CR-0014
 Issue & Observations: Not reported
 Program Type: Not reported
 Permitted Throughput with Units: Not reported
 Actual Throughput with Units: Not reported
 Permitted Capacity with Units: Not reported
 Remaining Capacity: Not reported
 Remaining Capacity with Units: Not reported

85 SOUZA, HARRY W & DAUGHTERS FINDS 1005584672
4619 SOUTH BLAKER RD N/A
TURLOCK, CA 95380

FINDS:

Registry ID: 110010060165

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SOUZA, HARRY W & DAUGHTERS (Continued)

1005584672

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

86

**ELMER ABEL
 7924 W BRADBURY RD
 TURLOCK, CA 95380**

**HIST UST U001608650
 N/A**

HIST UST:

Region: STATE
 Facility ID: 00000028934
 Facility Type: Other
 Other Type: FARMER
 Total Tanks: 0004
 Contact Name: Not reported
 Telephone: 2096344712
 Owner Name: ELMER ABEL
 Owner Address: 7924 BRADBURY RD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000440
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000440
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00000220
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 004
 Container Num: 4
 Year Installed: Not reported
 Tank Capacity: 00000660
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Visual

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**86 ELMER ABEL
 7924 BRADBURY
 TURLOCK, CA 95380**

**CA FID UST S101626923
 SWEEPS UST N/A**

CA FID UST:

Facility ID: 50003295
 Regulated By: UTNKA
 Regulated ID: 00028934
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096344712
 Mail To: Not reported
 Mailing Address: 7924 BRADBURY RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 28934
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-028934-000001
 Actv Date: 07-01-85
 Capacity: 440
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 4

Status: A
 Comp Number: 28934
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-028934-000002
 Actv Date: 07-01-85
 Capacity: 440
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ELMER ABEL (Continued)

S101626923

Comp Number: 28934
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-028934-000003
 Actv Date: 07-01-85
 Capacity: 220
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 28934
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 4
 Swrcb Tank Id: 50-000-028934-000004
 Actv Date: 07-01-85
 Capacity: 660
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

86

**MICHAEL CLIPPER
 4519 S MOFFETT RD
 TURLOCK, CA 95380**

**HIST UST U001608757
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000052898
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096348302
 Owner Name: MICHAEL CLIPPER
 Owner Address: 4519 S. MOFFETT
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: #1
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

86 **MICHAEL CLIPPER** **CA FID UST** **S101627010**
4519 S MOFFETT **SWEEPS UST** **N/A**
TURLOCK, CA 95380

CA FID UST:
 Facility ID: 50003962
 Regulated By: UTNKA
 Regulated ID: 00052898
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096348302
 Mail To: Not reported
 Mailing Address: 4519 S MOFFETT
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:
 Status: A
 Comp Number: 52898
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #1
 Swrcb Tank Id: 50-000-052898-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 1

87 **19491 BRADBURY RD** **US HIST CDL** **1009619795**
19491 BRADBURY RD **TURLOCK, CA** **N/A**

HIST CDL:
 Seizure Date: 2005-05-04

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

87	19491 W BRADBURY RD TURLOCK, CA 95380	CDL	S107530353 N/A
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CDL:

Facility ID:	200505009
Lab Type:	Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

88	JOE O. ROCHA DAIRY, INC. 18451 WEST BRADBURY ROAD TURLOCK, CA 95380	FINDS	1010054006 N/A
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FINDS:

Registry ID:	110028165777
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Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

89	WALTER SORENSEN POULTRY INC. 18201 E BRADBURY RD TURLOCK, CA 95380	CA FID UST SWEEPS UST	S101627080 N/A
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CA FID UST:

Facility ID:	50004105
Regulated By:	UTNKA
Regulated ID:	00065031
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2096688646
Mail To:	Not reported
Mailing Address:	18201 E BRADBURY
Mailing Address 2:	Not reported
Mailing City, St, Zip:	TURLOCK 95380
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WALTER SORENSEN POULTRY INC. (Continued)

S101627080

SWEEPS UST:

Status: A
 Comp Number: 65031
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-065031-000001
 Actv Date: 07-01-85
 Capacity: 300
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: 1

89

**ROCHA, JOE O
 18421 BRADBURY AVENUE
 TURLOCK, CA 95380**

**FINDS 1006227653
 N/A**

FINDS:

Registry ID: 110010062109

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

89

**JOE L COELHO INC
 18637 E BRADBURY RD
 TURLOCK, CA 95380**

**HAZNET S103972254
 N/A**

HAZNET:

Gepaid: CAL000137563
 Contact: JOE L COELHO INC
 Telephone: 2096672676
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 3640
 Mailing City,St,Zip: TURLOCK, CA 953813640
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JOE L COELHO INC (Continued)

S103972254

TSD County: 1
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: .7297
 Facility County: Stanislaus

Gepaid: CAL000137563
 Contact: JOE L COELHO INC
 Telephone: 2096672676
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 3640
 Mailing City,St,Zip: TURLOCK, CA 953813640
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: 1

Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 1.0425
 Facility County: Stanislaus

Gepaid: CAL000137563
 Contact: JOE L COELHO INC
 Telephone: 2096672676
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 3640
 Mailing City,St,Zip: TURLOCK, CA 953813640
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: 1

Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 1.1467
 Facility County: Stanislaus

Gepaid: CAL000137563
 Contact: JOE L COELHO INC
 Telephone: 2096672676
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 3640
 Mailing City,St,Zip: TURLOCK, CA 953813640
 Gen County: Stanislaus
 TSD EPA ID: CAD982446890
 TSD County: San Joaquin

Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: 2.0850
 Facility County: Stanislaus

Gepaid: CAL000137563
 Contact: JOE L COELHO INC
 Telephone: 2096672676
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 3640

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JOE L COELHO INC (Continued)

S103972254

Mailing City,St,Zip: TURLOCK, CA 953813640
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Tons: .6880
 Facility County: Stanislaus

[Click this hyperlink](#) while viewing on your computer to access
 1 additional CA_HAZNET: record(s) in the EDR Site Report.

89

**HOLSAPPLE
 19085 BRADBURY
 TURLOCK, CA 95380**

**CA FID UST S101588647
 SWEEPS UST N/A**

CA FID UST:

Facility ID: 24001198
 Regulated By: UTKNI
 Regulated ID: Not reported
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 18127 HIGHWAY 26
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

SWEEPS UST:

Status: Not reported
 Comp Number: 54434
 Number: Not reported
 Board Of Equalization: Not reported
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 24-000-054434-000001
 Actv Date: Not reported
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: DIESEL
 Number Of Tanks: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

89 WALTER SORENSEN POULTRY INC. **HIST UST U001608860**
18201 W BRADBURY RD
TURLOCK, CA 95380 **N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000065031
 Facility Type: Other
 Other Type: TRANSPORTATION
 Total Tanks: 0001
 Contact Name: WALTER SOERNSEN JR.
 Telephone: 2096688646
 Owner Name: WALTER SORENSEN POULTRY INC
 Owner Address: 18201 E. BRADBURY RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: None

89 DICK HOLSAPPLE **HIST UST U001608636**
19085 W BRADBURY RD
TURLOCK, CA 95380 **N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000054434
 Facility Type: Not reported
 Other Type: Not reported
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 2096683660
 Owner Name: DICK HOLSAPPLE
 Owner Address: 19085 BRADBURY
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 1
 Year Installed: 1979
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

**89 RAMOS CUSTOM TRACTOR WORK
 19261 W BRADBURY RD
 TURLOCK, CA 95380**

**HIST UST U001608793
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000018900
 Facility Type: Other
 Other Type: FARMING OPERATION
 Total Tanks: 0002
 Contact Name: BARTON F. RAMOS
 Telephone: 2096675718
 Owner Name: RAMOS CUSTOM TRACTOR WORK
 Owner Address: 19261 BRADBURY RD.
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: #2
 Year Installed: 1981
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: 1/4 inches
 Leak Detection: None

Tank Num: 002
 Container Num: #1
 Year Installed: 1969
 Tank Capacity: 00000850
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 10 gauge
 Leak Detection: None

**90 KENNETH B. BESWICK
 12801 W BRADBURY RD
 TURLOCK, CA 95380**

**CA FID UST S101626979
 SWEEPS UST N/A**

CA FID UST:
 Facility ID: 50003794
 Regulated By: UTNKA
 Regulated ID: 00044650
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2096343885
 Mail To: Not reported
 Mailing Address: 12801 W BRADBURY RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: TURLOCK 95380
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:
 Status: A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

KENNETH B. BESWICK (Continued)

S101626979

Comp Number: 44650
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-044650-000001
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 44650
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 3
 Swrcb Tank Id: 50-000-044650-000002
 Actv Date: 07-01-85
 Capacity: 350
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

90

**KENNETH B. BESWICK
 12801 W BRADBURY RD
 TURLOCK, CA 95380**

**HIST UST U001608722
 N/A**

HIST UST:
 Region: STATE
 Facility ID: 00000044650
 Facility Type: Other
 Other Type: DAIRY FARM
 Total Tanks: 0002
 Contact Name: KEN BESWICK
 Telephone: 2096343885
 Owner Name: KENNETH B. BESWICK
 Owner Address: 12801 W. BRADBURY RD
 Owner City,St,Zip: TURLOCK, CA 95380

Tank Num: 001
 Container Num: 2
 Year Installed: 1974
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

KENNETH B. BESWICK (Continued)

U001608722

Tank Num: 002
 Container Num: 3
 Year Installed: 1974
 Tank Capacity: 00000350
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: None

91

**HARRY W SOUZA & DAUGHTERS INC
 10407 W BRADBURY RD
 TURLOCK, CA 95380**

**NPDES S106104478
 CA WDS N/A**

NPDES:

Npdes Number: Not reported
 Facility Status: Active
 Agency Id: 457747
 Region: 5S
 Regulatory Measure Id: 202580
 Order No: 97-03-DWQ
 Regulatory Measure Type: Storm water industrial
 Place Id: 229759
 WDID: 5S50I013919
 Program Type: INDSTW
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 4/22/1998
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: Circle H Dairy Ranch Inc
 Discharge Address: Not reported
 Discharge City: Not reported
 Discharge State: Not reported
 Discharge Zip: Not reported

CA WDS:

Facility ID: 5S 50I013919
 Facility Type: Not reported
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 0
 Facility Telephone: Not reported
 Facility Contact: Not reported
 Agency Name: HARRY W SOUZA & DAUGHTERS INC
 Agency Address: 3812 S Morgan Rd
 Agency City,St,Zip: Turlock 95380
 Agency Contact: Harry W Souza & Daughters Inc
 Agency Telephone: 2096675209
 Agency Type: Not reported
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HARRY W SOUZA & DAUGHTERS INC (Continued)

S106104478

Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

92

**1730 POMEGRANATE AVE
 PATTERSON, CA 95363**

**CDL S107529730
 N/A**

CDL:
 Facility ID: 200112005
 Lab Type: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

93

**CORNER OF ELM / PRUNE
 PATTERSON, CA**

**CDL S107538150
 N/A**

CDL:
 Facility ID: 199902064
 Lab Type: Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

94

**5524 SOUTH CENTRAL RD
 TURLOCK, CA 95380**

**CHMIRS S108401654
 N/A**

CHMIRS:
 OES Incident Number: 05-0982
 OES notification: 2/13/2005 11:32:28 AM
 OES Date: Not reported
 OES Time: Not reported
 Incident Date: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 Special Studies 1: Not reported
 Special Studies 2: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

(Continued)

S108401654

Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	San Joaquin River
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Fish & Game
Incident Date:	2/13/200512:00:00 AM
Admin Agency:	Stanislaus County Environmental Resources
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Dairy Waste
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Description:	Not reported
Evacuations:	0
Number of Injuries:	0

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

(Continued)

S108401654

Number of Fatalities: 0
 Description: Substance was released due to a valve being left open while irrigating

95	13660 CARPENTER RD 13660 CARPENTER RD STANISLAUS, CA	US HIST CDL	1009619779 N/A
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HIST CDL:
 Seizure Date: 2004-02-07

95	13660 CARPENTER RD MODESTO, CA 95351	CDL	S107528358 N/A
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CDL:
 Facility ID: 200402018
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

96	FOSTER FARMS 11936 EHRlich RD TURLOCK, CA 95380	HAZNET	S104571409 N/A
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HAZNET:
 Gepaid: CAC002179313
 Contact: FOSTER FARMS
 Telephone: 0000000000
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1000 SWAN ST
 Mailing City,St,Zip: LIVINGSTON, CA 953340000
 Gen County: Stanislaus
 TSD EPA ID: CAD980887418
 TSD County: 1
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 0.417
 Facility County: Stanislaus

97	DESERET FAMS OF CALIFORNIA - P 2012 APPLE AVE PATTERSON, CA 95363	HIST UST EMI SWEEPS UST	U001607882 N/A
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HIST UST:
 Region: STATE
 Facility ID: 00000067338
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0002
 Contact Name: EUGENE BURROUGHS

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DESERET FAMS OF CALIFORNIA - P (Continued)

U001607882

Telephone: 9163711860
 Owner Name: THE CHURCH OF JESUS CHRIST OF
 Owner Address: 50 EAST NORTH TEMPLE
 Owner City,St,Zip: SALT LAKE CITY, UT 84150

Tank Num: 001
 Container Num: 1
 Year Installed: 1981
 Tank Capacity: 00010000
 Tank Used for: WASTE
 Type of Fuel: 2
 Tank Construction: Unkown inches
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1981
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

EMI:

Year: 2007
 County Code: 50
 Air Basin: SJV
 Facility ID: 1981
 Air District Name: SJU
 SIC Code: 2041
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: .0365401724137931034
 Part. Matter 10 Micrometers & Smllr Tons/Yr: .01059665

SWEEPS UST:

Status: A
 Comp Number: 67338
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-067338-000001
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DESERET FAMS OF CALIFORNIA - P (Continued)

U001607882

Content: LEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 67338
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 2
 Swrcb Tank Id: 50-000-067338-000002
 Actv Date: 07-01-85
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

98

**PATTERSON APRICOT RANCH
 SW CORNER SYCAMORE
 PATTERSON, CA 95363**

**HIST UST U001607913
 SWEEPS UST N/A**

HIST UST:

Region: STATE
 Facility ID: 00000053128
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0003
 Contact Name: Not reported
 Telephone: 2098928034
 Owner Name: NEIL H. PHILLIPS
 Owner Address: 13513 SYCAMORE AVE.
 Owner City,St,Zip: PATTERSON, CA 95363

Tank Num: 001
 Container Num: #1
 Year Installed: 1975
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: #3
 Year Installed: Not reported
 Tank Capacity: 00000300
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: Not reported
 Leak Detection: Visual, Stock Inventor

Tank Num: 003
 Container Num: #2
 Year Installed: 1975
 Tank Capacity: 00000500

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PATTERSON APRICOT RANCH (Continued)

U001607913

Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Tank Construction: Not reported
 Leak Detection: Visual, Stock Inventor

SWEEPS UST:

Status: A
 Comp Number: 53128
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #1
 Swrcb Tank Id: 50-000-053128-000001
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: A
 Comp Number: 53128
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #3
 Swrcb Tank Id: 50-000-053128-000002
 Actv Date: 07-01-85
 Capacity: 300
 Tank Use: M.V. FUEL
 Stg: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 53128
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: #2
 Swrcb Tank Id: 50-000-053128-000003
 Actv Date: 07-01-85
 Capacity: 500
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

99 **WARREN HICKS & SONS, INC.**
1160 E MARSHALL RD
PATTERSON, CA 95363

HIST UST **U001607944**
SWEEPS UST **N/A**

HIST UST:

Region: STATE
 Facility ID: 00000030696
 Facility Type: Other
 Other Type: FARM
 Total Tanks: 0002
 Contact Name: WARREN HICKS
 Telephone: 2096593612
 Owner Name: WARREN HICKS & SONS, INC.
 Owner Address: 46031 W. NEES AVE.
 Owner City,St,Zip: FIREBAUGH, CA 93622

Tank Num: 001
 Container Num: 1
 Year Installed: 1967
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

Tank Num: 002
 Container Num: 1
 Year Installed: 1967
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported
 Leak Detection: None

SWEEPS UST:

Status: A
 Comp Number: 30696
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 50-000-030696-000001
 Actv Date: 07-01-85
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: 2

Status: A
 Comp Number: 30696
 Number: 9
 Board Of Equalization: Not reported
 Ref Date: 07-01-85
 Act Date: Not reported
 Created Date: 02-29-88

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WARREN HICKS & SONS, INC. (Continued)

U001607944

Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 50-000-030696-000002
Actv Date: 07-01-85
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CERES	S109458539	SITE	3000 3018 / 3100 E SERVICE RD	95307	NPDES
CERES	S105954596	CENTRAL VALLEY HIGH SCHOOL ADDITION	4201 / 4137 CENTRAL AVENUE	95307	SCH, ENVIROSTOR
CERES	S109821381	ELEMENTARY #13 - WALT HANLINE ELEMENTARY SCHOOL	4137, 4201, 4225, 4231, / 4237 CENTRAL AVENUE	95307	SCH, ENVIROSTOR
CERES	S107540735		SOUTH BOUND HIGHWAY 99, NORTH OF WHITMORE AVE	95307	CDL
CERES	S107537941		BYSTRUM, BETWEEN PECOS / LATIMER	95307	CDL
CERES	S107537975		CANAL BANK, EAST OF GEER RD	95307	CDL
CERES	S107537977		CANAL NEAR BLAKER / KEYES ROADS	95307	CDL
CERES	S107537981		CANAL W MORGAN RD	95307	CDL
CERES	S106925827	EMMETT VISSER	6231 S CENTRAL AVE	95307	SWEEPS UST
CERES	S109254151		CENTRAL AVE, 1/2 MILE S OF KEYES RD	95307	CDL
CERES	S107538027		CERES MAIN CANAL, 1/4 MI N OF KEYES RD	95307	CDL
CERES	S109458423	SINCLER ELEMENTARY SCH	NE CNR MORGAN RD / HACKETT RD 1211 HACKETT RD	95307	NPDES
CERES	S102799789	DARRELL LEDBETTER	NORTHWEST CORNER OF HACKETT	95307	HAZNET
CERES	S109439367	CERES GATEWAY CENTER	SW CORNER OF MITCHELL RD / SERVICE RD	95307	NPDES
CERES	S109449830	MARRAD GROUP MORGAN MANOR	NW CORNER MORGAN / SERVICE RD	95307	NPDES
CERES	S109457243	SAN PEDRO AVE MARRAD GROUP INC	SW CORNER MORGAN RD / SAN PEDRO AVE	95307	NPDES
CERES	S108433852	WINCO FOODS	4400 CROWS LANDING	95307	EMI
CERES	S107538311		DON PEDRO RD, 1/4 MI W OF USTICK RD	95307	CDL
CERES	S109434284	2007 2008 CNTY OVERLAY PROGRAM	DON PEDRO RD MOORE RD TO FAITH HOME RD	95307	NPDES
CERES	S107538483		FAITH HOME RD, 1/4 MILE SO OF SERVICE RD / REDWO	95307	CDL
CERES	S107538484		FAITH HOME RD, AT TAYLOR RD	95307	CDL
CERES	S109440419	CONSUMERS CHOICE PEST CONTROL	4396 FARM SUPPLY DR	95307	NPDES
CERES	S109450808	MODESTO BRANCH RELOCATION	4375 FARM SUPPLY DR	95307	NPDES
CERES	S107539830		ON FOWLER RD (X-MITCHELL RD)	95307	CDL
CERES	S107538553		FULKERTH RD, 1/4 MI E OF CENTRAL AVE	95307	CDL
CERES	S107538590		GONDRING ROAD, 3/4 MILE EAST OF CENTRAL AVENUE	95307	CDL
CERES	S109254169		GONDRING RD / MITCHELL RD	95307	CDL
CERES	S107539841		ON GONDRING, 1.5 MILE WEST OF CENTRAL	95307	CDL
CERES	S107538655		HARDING RD BETWEEN MOFFETT / CENTRAL	95307	CDL
CERES	S108723862		JENNINGS RD, 50 YARDS S OF SERVICE RD	95307	CDL
CERES	S109434288	2007 2008 CNTY OVERLAY PROGRAM	JENNINGS RD TAYLOR RD TO GRAYSON RD	95307	NPDES
CERES	S108746799	EL KATRINA DAIRY	1037 EL KATRINA LN	95307	HAZNET
CERES	S106927767	JERRY KOFFARD	1336 MITCHELL	95307	SWEEPS UST
CERES	S107539374		MITCHELL RD, 1/4 MI S OF ROBERTS RD	95307	CDL
CERES	S108198078	ART'Z TRANSMISSION SHOP	2900 MITCHELL RD STE C	95307	HAZNET
CERES	S108219955	SCOTT CHIROPRACTIC OFFICE	2236B MITCHELL RD	95307	HAZNET
CERES	S109446554	IN SHAPE HEALTH CLUBS	MITCHELL RD BTW ROSEWOOD AVE / FOWLER RD	95307	NPDES
CERES	S107539375		MITCHELL RD, 3/4 MI W OF HWY 99	95307	CDL
CERES	S109254210		MONTE VISTA RD, 1 MILE E OF CENTRAL AVE	95307	CDL
CERES	S107539962		ON MOORE ROAD AT SERVICE ROAD	95307	CDL
CERES	S109434291	2007 2008 CNTY OVERLAY PROGRAM	MOORE RD SERVICE RD TO ROEDING RD	95307	NPDES
CERES	S107539449		MOUNTAIN VIEW, BETWEEN SERVICE RD, / RODING	95307	CDL

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CERES	S109439366	CERES COMMERCE CENTER	EAST OF MITCHELL / NORTH OF HATCH	95307	NPDES
CERES	S109439371	CERES RIVER BLUFF PARK	EAST OF RIVER OAKS GOLF COURSE	95307	NPDES
CERES	1010314036	KAHLON TRUCK LINE	3803 POMEGRANATE AVE	95307	RCRA-NonGen
CERES	A100346090	ROBERTS RANCH	2412 ROBERTS RD.	95307	AST
CERES	S107540512		ROBERTS RD, 1/3 MI W OF CENTRAL	95307	CDL
CERES	S107540514		ROBERTS ROAD, 1 MI E OF CENTRAL AVENUE	95307	CDL
CERES	S108431422	CITY OF CERES	ROSE AVENUE X FOWLER RD	95307	EMI
CERES	S107139809	CERES USD	1840 SERVICE RD / 4031 CENTRAL AVE	95307	HAZNET
CERES	S106922900	ASDURIAN FARM #1	4360 W TAYLOR RD	95307	SWEEPS UST
CERES	S107534778		530 TAYLOR RD, #2	95307	CDL
CERES	S107540095		ON TAYLOR RD, 1.4 MI E OF CARPENTER	95307	CDL
CERES	S108753665	RAYMUNDO GONZALEZ	530 TAYLOR RD	95307	HAZNET
CERES	S107737799		TID MAIN CANAL AT ROBERTS RD	95307	CDL
CERES	S107538373		E TUOLUMNE RD, 100 YARDS W OF CENTRAL AVE	95307	CDL
CERES	S107540918		TURLOCK IRRIG. DIST. CERES MAIN CANAL	95307	CDL
CERES	S107540925		TURLOCK IRRIGATION DISTRICT MAIN CANAL, 1/3 MILE S	95307	CDL
COUNTY	S103441886	DEWITT STATE HOSPITAL	BELL ROAD W OF HWY 49	95313	WMUDS/SWAT
CROWS LANDIN	S109282341	QWIK SERVE MARKET #2	22025 HIGHWAY 33	95313	EMI
CROWS LANDING	S103642702	QUIK SERVE #2	22015 HWY #33	95313	HAZNET
CROWS LANDING	S104163029	Q PLUS	22160 HWY 33	95313	LUST, HIST CORTESE
CROWS LANDING	S104568867	QWIK SERV MARKET	22025 HWY 33	95313	HAZNET
CROWS LANDING	S105023463	QWIK SERVE MARKET	22015 HWY 33	95313	LUST, HIST CORTESE
CROWS LANDING	S106930959	Q PLUS AUTO SERVICES	22160 HIGHWAY 33	95313	SWEEPS UST
CROWS LANDING	U001605045	HENRY MORGANTI	209892837820618 ALFALFA AVE.	95313	HIST UST
CROWS LANDING	S106922674	ANDERSON RANCH	ANDERSON RD CROWS LN	95313	SWEEPS UST
CROWS LANDING	S107537647		AUGUST RD, 3/4 MI E OF HOGIN RD	95313	CDL
CROWS LANDING	S108985732	SITES 11 & 11A NASA CROWS LANDING	BELL STREET -WEST OF IKE CROW RD.	95313	SWF/LF
CROWS LANDING	1001111621	CALIFORNIA NORTHERN RAILROAD	CFNR STATION OF CROWS LANDING	95313	FINDS, RCRA-NonGen
CROWS LANDING	A100346070	RICHARD BETTENCOURT	12501 CROWS LANDING RD.	95313	AST
CROWS LANDING	S106925232	DE ESCOBAR RANCHES, INC.	CROWS LNDG	95313	SWEEPS UST
CROWS LANDING	S107538247		CROWS RD / MORSE RD	95313	CDL
CROWS LANDING	S109289810	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF CLUSTER	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289811	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF CLUSTER	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289812	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF UST-109	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289813	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF UST-117	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289814	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF CLUSTER	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289822	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF CLUSTER	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289823	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF CLUSTER	CROWS LANDING RD	95313	MCS
CROWS LANDING	S109289824	CROW'S LANDING AUXLNDFL (C/R ONLY) - NALF CLUSTER	CROWS LANDING RD	95313	MCS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CROWS LANDING	U001605039	DE ESCOBAR RANCHES, INC.	CROWS LANDING	95313	HIST UST
CROWS LANDING	S104403847	NALF UST-117	CROWS LANDING RD	95313	LUST, HIST CORTESE
CROWS LANDING	S107538424		EHLRICH RD (OPEN FIELD, NEAREST CROSS ST CROWS LAN	95313	CDL
CROWS LANDING	S108407444		W FULKERTH AVE / VIVIAN RD	95313	CDL
CROWS LANDING	S107538610		GRAYSON AVE	95313	CDL
CROWS LANDING	S107538657		HARDING RD, 1 MI E OF CROWS LANDING R	95313	CDL
CROWS LANDING	S106931007	QWIK SERV MARKET	22105 S HIGHWAY 33	95313	SWEEPS UST
CROWS LANDING	S105085135	HERTZ EQUIPMENT RENTAL MODESTO	.25 MILE E. OF HWY 33 ON CROWS LANDING R	95313	HAZNET
CROWS LANDING	S107539428		MORGAN RD / EHRlich RD (AT THE INTERSECTION WITH E	95313	CDL
CROWS LANDING	S107539963		ON MORGAN ROAD, 1/2 MILE NORTH OF HILLMAR ROAD	95313	CDL
CROWS LANDING	S102791250	NALF CROWS LANDING	NALF CROWS LANDING	95313	HAZNET
CROWS LANDING	S106929816	NAVAL AUXILIARY LANDING FIELD	NALF CROWS LNDG	95313	SWEEPS UST
CROWS LANDING	S107138904	US NAVY - CROWS LANDING	NALF CROWS LANDING	95313	HAZNET
CROWS LANDING	S107540399		RIVER RD	95313	CDL
CROWS LANDING	S107540413		RIVER ROAD / ORESTIMBA CREEK	95313	CDL
CROWS LANDING	S106927574	J AND N CROW FARMS	1538 J T CROWS LANDING RD	95313	SWEEPS UST
GRAYSON	S107737850		DAIRY RD, 1/2 MI E OF RIVER RD	95363	CDL
GRAYSON	S107538612		GRAYSON RD, 1 MI W SHILOH	95363	CDL
GRAYSON	S107737796		GRAYSON RD, 3 MI E OF GRAYSON	95363	CDL
GRAYSON	S109444910	GRAYSON RD BRIDGE AT LAIRD SLOUGH	GRAYSON RD AT LAIRD SLOUGH	95363	NPDES
GRAYSON	S107737813		JENNINGS RD, 1/4 MI S OF KEYES RD	95363	CDL
GRAYSON	S109254195		LAIRD RD, 200 YDS N OF KEYES RD	95363	CDL
GRAYSON	S107541189		WEST SERVICE RD (4500 BLOCK)	95363	CDL
GRAYSON	S107540669		SHILOH RD, 2 1/2 MILES SOUTH PARADISE RD	95363	CDL
GRAYSON	S109254255		SHILOH RD, 1 MILE S OF PARADISE RD	95363	CDL
GRAYSON	S109458114	SHILOH RD BRIDGE AT TUOLUMNE RIVER	SHILOH RD AT TUOLUMNE RIVER	95363	NPDES
GRAYSON	S107529914		1800 E STANISLAUS RD (X-RIVER ROAD)	95363	CDL
LANDING	S107538268		DAVIS RD 1 MI S. OFMARSHALL CROWS	95313	CDL
MODESTO	S108407381		SR 132, 2 MI W OF PARADISE RD	95358	CDL
MODESTO	S108723851		HIGHWAY 132, WEST BOUND POST MILE 4.5		CDL
MODESTO	S108223140	TRANSPORTATION SERVICE LOGISTIC INC	HIGHWAY 99 MILE MARKER 15.1	95358	HAZNET
MODESTO	S107539680		ON A CANAL, 1/2 MILE W OF VIVIAN RD, 1/2 MILE S OF	95358	CDL
MODESTO	S107537473		ADJACENT TO CANAL 1/8 MILE NE OF WHITMORE / CARPEN	95358	CDL
MODESTO	S109438589	CALVARY CHAPEL CHURCH	4300 AMERICAN RIVER		NPDES
MODESTO	S107530083		1850 ROUTE AVE	95358	CDL
MODESTO	S107537769		BAKER RD, 1/4 MILE SOUTH OF PARADISE RD	95358	CDL
MODESTO	S109455509	REALIGNMENT PROJ	BETWEEN W MAIN AVE / CROWS LANDING RD 1.5MI N OF	95358	NPDES
MODESTO	S107533908		4200 BLOCK OF CALIFORNIA AVENUE	95358	CDL
MODESTO	S107535215		600 BLOCK OF THRASHER AVENUE		CDL
MODESTO	A100345938	MODESTO JUNIOR COLLEGE - WEST CAMPUS SECURITY	2201 BLUE GUM	95358	AST
MODESTO	S109434282	2007 2008 CNTY OVERLAY PROGRAM	BLUE GUM AVE DAKOTA AVE	95358	NPDES
MODESTO	S107537957		CALIFORNIA AVE, 1/4 MI E OF STONE RD	95358	CDL
MODESTO	S107537960		CALIFORNIA AVENUE, 1/4 MILE EAST OF STONE AVENUE	95358	CDL
MODESTO	S107537959		CALIFORNIA AVENUE, 1/2 MILE WEST OF FAUST ROAD		CDL
MODESTO	S107537971		CANAL BANK CORNER OF CHICAGO AVE		CDL
MODESTO	S107537973		CANAL BANK WEST OF MORGAN RD		CDL

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MODESTO	A100345925	LOPES TRUCKING SERVICE	2127 S. CARPENTER RD.	95358	AST
MODESTO	S107149167	CALIFORNIA AUTO WASH	1014 CARPENTER RD	95358	HAZNET
MODESTO	S109439940	CLAROT FARMS	7260 SOUTH CARPENTER ROAD	95358	NPDES
MODESTO	S107537996		CARPENTER RD / WHITMORE (SEE CLUE)		CDL
MODESTO	S109441012	CROWS LANDING RETAIL CENTER	NW CORNER OF CROWS LANDING RD / WHITMORE AVE	95358	NPDES
MODESTO	A100345739	FEDEX FREIGHT-LOCATION #5	1760 CROWS LANDING RD.	95358	AST
MODESTO	A100345806	HERTZ EQUIPT. RENTAL 9733-00	2030 CROWS LANDING RD.	95358	AST
MODESTO	A100346055	SAN JOAQUIN EQUIPMENT COMPANY	2413 CROWS LANDING	95358	AST
MODESTO	S107538245		CROWS LANDING RD OFFRAMP, AT HWY 99	95358	CDL
MODESTO	S107539571		NORTH CROWS LANDING RD, / HIGHWAY 99	95358	CDL
MODESTO	S107531224		225 SOUTH DAKOTA AVE (OFF HWY 132)	95358	CDL
MODESTO	S107737752		SOUTH END OF STONE AVENUE, 1 MI S OF PARADISE RD	95358	CDL
MODESTO	S107538555		FULKERTH, 2,000 YDS W OF VIVIAN RD	95358	CDL
MODESTO	S107541103		W HACKETT RD, 1/2 MILE W OF CROWS LANDING RD	95358	CDL
MODESTO	S106717954	FORMER BULK PLANT	INTERSECTION S OF KANSAS AVE / 9TH ST		SLIC
MODESTO	S107537604		AT INTERSECTION OF GRAYSON RD / MORGAN RD	95358	CDL
MODESTO	S107539024		INTERSECTION/CROWS LANDING / KOWLAN	95358	CDL
MODESTO	S107539030		IOWA ST, 3/4 MI S OF PARADISE RD	95358	CDL
MODESTO	S107539032		IRRIGATION CANAL AT SERVICE RD / GRAYSON RD	95358	CDL
MODESTO	1012067516	SECONDARY WASTEWATER TREATMENT PLANT	7007 JENNINGS ROAD	95358	FINDS
MODESTO	A100345742	FOLETTA FARMS INC	1714 W. KEYES RD.	95358	AST
MODESTO	S107539107		KEYES RD AT LAIRD RD	95358	CDL
MODESTO	S107539914		ON LAIRD AVENUE, 1/4 MILE NORTH OF KEYES ROAD	95358	CDL
MODESTO	S107539915		ON LAIRD ROAD, 1/4 MILE NORTH OF KEYES ROAD	95358	CDL
MODESTO	S107539268		LOWER LATERAL CANAL #2	95358	CDL
MODESTO	S108723878		MID MAIN CANAL / LATERAL #3 DIVERSION	95358	CDL
MODESTO	S107526574		1 MILE SE CENTRAL AVE/TURLOCK I CANAL		CDL
MODESTO	S107526612		1/2 MILE SOUTH HWY 132, ON STONE AVENUE	95358	CDL
MODESTO	S107531409		2336 W MONTE VISTA AVE (ROADSIDE DUMP),X CARPENTER	95358	CDL
MODESTO	S107539401		MONTE VISTA RD 1/4 EAST JENNING RD		CDL
MODESTO	99634732	MPM 1089.2 BY SANTA FE RD	MPM 1089.2 BY SANTA FE RD		ERNS
MODESTO	99634213	MPM 1089.2 BY SANTA FE RD	MPM 1089.2 BY SANTA FE RD		ERNS
MODESTO	S107539968		ON MUNCY LANE, 500 FEET SOUTH OF KEYES ROAD	95358	CDL
MODESTO	S108407485		NEAR 6633 PARADISE RD	95358	CDL
MODESTO	S103956432	CIRCLE K 05077	ORANGEBURG AVENUE / COFFEE RD		HAZNET
MODESTO	S107540245		PAULINE ROAD, 1 MILE NORTH OF PARADISE	95358	CDL
MODESTO	S109149586	HART RANSOM UNION SCHOOL	A PORTION OF 3930 SHOEMAKE AVENUE	95358	SCH, ENVIROSTOR
MODESTO	S109456353	ROBERTSON RD AREA SANITARY SEWER PROJ	ROBERTSON RD HAYS SY CARPENTER RD	95358	NPDES
MODESTO	S107540580		SANDERS RD @ GRAYSON, 1/4 MI N OF GRAYSON	95358	CDL
MODESTO	S107620841	DONNA BROWNELL	32 SANTA FE AVENUE		EMI
MODESTO	S109693396	PHASE 1 A TERTIARY WASTEWATER TREATMENT PROJ	SEC OF VIVIAN RD / FULKERTH RD		NPDES
MODESTO	A100345849	JAMES R. DEMARTINI	4545 W. SERVICE RD.	95358	AST
MODESTO	S107538370		E SERVICE RD , 1/4 MI E OF WASHINGTON RD)	95358	CDL
MODESTO	S107540644		SERVICE RD (1/4 MI FROM VIVIAN RD)	95358	CDL
MODESTO	S107540646		SERVICE RD, 1 MILE WEST OF CROWS LANDING RD	95358	CDL
MODESTO	S107540648		SERVICE RD, 1/4 MILE WEST OF CROWS LANDING RD	95358	CDL

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MODESTO	S107622068	STANISLAUS FARM SUPPLY	624 SERVICE RD	95358	EMI
MODESTO	S107540645		SERVICE RD @ JENNINGS		CDL
MODESTO	S107540647		SERVICE RD, 1/2 MI WEST, VIVIAN		CDL
MODESTO	S106127613	GAS N GO CASE #2	1200 SIXTH		LUST
MODESTO	S107540781		STONE AVE, 1/2 MI N OF PARADISE RD	95358	CDL
MODESTO	S107737806		STONE AVE, 1/2 MI N OF CALIFORNIA AVE	95358	CDL
MODESTO	S108723912		ON STONE RD, 1/4 MILE N OF PARADISE RD	95358	CDL
MODESTO	S107737814		STONE AVE, 1/4 MI S OF HIGHWAY 132	95358	CDL
MODESTO	S106925169	DARRELL V. BYE	3824 W TAYLOR R	95358	SWEEPS UST
MODESTO	S107540858		TAYLOR ROAD, 1/2 MILE E OF CROW'S LANDING ROAD	95358	CDL
MODESTO	S108723960		TAYLOR RD / CARPENDER RD	95358	CDL
MODESTO	S107540096		TAYLOR RD, .75 MI E OF CARPENTER RD		CDL
MODESTO	S107540969		UNKNOWN-CANAL BANK		CDL
MODESTO	S107540111		ON USEIDK RD, 1/4 MILE N KEYES RD	95358	CDL
MODESTO	S107540113		ON USTICK RD, CROSS-KEYES OR GRAYSON ROADS	95358	CDL
MODESTO	S107540114		ON USTICK ROAD, 1/4 MILE SOUTH OF WEST SERVICE ROA	95358	CDL
MODESTO	S107737848		USTICK AVE, 3/4 MI S OF SERVICE RD	95358	CDL
MODESTO	S109254161		E USTICK RD, BETWEEN WHITMORE AVE / SERVICE RD	95358	CDL
MODESTO	S107541080		VINEYARD ACROSS FROM 401 STONE AVE		CDL
MODESTO	S107540120		ON VIVIAN ROAD, 1/2 MILE SOUTH OF FULKERTH ROAD	95358	CDL
MODESTO	S107540121		ON VIVIAN ROAD, 1/4 MILE NORTH OF KEYES ROAD	95358	CDL
MODESTO	S109254273		VIVIAN RD, SO OF MONTE VISTA AVE	95358	CDL
MODESTO	S109434294	2007 2008 CNTY OVERLAY PROGRAM	VIVIAN RD ZEERING RD TO WHITMORE AVE	95358	NPDES
MODESTO	S107526609		1/2 MI W PARADISE RD ON BROYLES RD		CDL
MODESTO	S105693565	GILROY FOODS CASE # 2	705 WHITMORE		LUST
MODESTO	A100345970	MODESTO BULK PLANT	237 EAST WHITMORE AVE.	95358	AST
MODESTO	A100345763	GILROY FOODS/CONAGRA FOODS INGREDIENTS	705 E WHITMORE AVENUE	95358	AST
MODESTO	S107541210		WHITMORE AVE, 1/2 MI S OF CARPENTER RD	95358	CDL
MODESTO	S107541212		WHITMORE AVE, NEAR CARPENTER RD	95358	CDL
MODESTO	S107541213		WHITMORE RD, 1/2 MI W OF CARPENTER RD	95358	CDL
MODESTO	1011967570	MOORE BUSINESS FORMS	WIELAND AVENUE, 1 POLE SOUTH OF LAPHAM		PCB TRANSFORMER
MODESTO	1011967590	MOORE BUSINESS FORMS	WIELAND AVENUE, 1 POLE SOUTH OF LAPHAM		PCB TRANSFORMER
MODESTO	1011967266	MOORE BUSINESS FORMS	WIELAND AVENUE, 1 POLE SOUTH OF LAPHAM		PCB TRANSFORMER
MODESTO	1011971149	MOORE BUSINESS FORMS	WIELAND AVENUE, 1 POLE SOUTH OF LAPHAM		PCB TRANSFORMER
PATTERSON	A100345679	D & D INC	9245 HWY 33	95363	AST
PATTERSON	S103635760	TRI-VALLEY GROWERS	171133 HWY 33	95363	HAZNET
PATTERSON	S103960562	DESIGNED MOBILE SYSTEMS INDUSTRIES INC	800 HWY 33	95363	HAZNET
PATTERSON	S105556833	CHEVRON PIPE LINE (FORMER STANDARD OIL PIPELINE)**	HIGHWAY 33 @ LAS PALMAS AVE	95363	SLIC
PATTERSON	S106567351	DE LASH ENTERPRISES INC	16561 HWY 33	95363	LUST
PATTERSON	S108937600	CHEVRON, THOMPSON CHEVROLET, PATTERSON	HWY 33	95363	SLIC
PATTERSON	S109440183	COLONY PARK	HWY 33 / IVY AVE	95363	NPDES
PATTERSON	S107737588	WALNUT GROVE MS ADDITION	1.5 ACRE PORTION OF 361 WALNUT AVENUE	95363	SCH, ENVIROSTOR
PATTERSON	S104549181	PATTERSON MIDDLE SCHOOL	AMERICAN EAGLE AVENUE	95363	SCH, ENVIROSTOR
PATTERSON	S108723797		APRICOT RD, 1 MILE E OF ELM ST	95363	CDL
PATTERSON	S108723898		ON APRICOT AVE, 1 MI E OF ELM ST	95363	CDL
PATTERSON	S107537773		BALDWIN RD (BETW HWY 33 / ZACHARIA)	95363	CDL

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PATTERSON	S109611763		BOAT RAMP OFF OF OLD LAS PALMAS AVE, IN SAN JOAQUI	95363	CDL
PATTERSON	S109453951	PATTERSON CITY CORPORATION YARD	BTW SPERRY AVE / DELTA CANAL MENDOTA	95363	NPDES
PATTERSON	S106230521	PG&E SUBSTATION, NP-1166, PATTERSON SUBSTATION	CANAL RD, BETWEEN ELM AND CHESTNUT	95363	SLIC
PATTERSON	S106487433	PG&E SUBSTATION, NP- 1166	CANAL ROAD	95363	SLIC
PATTERSON	S108752987	PG & E PATTERSON SUBSTATION	CANAL RD	95363	HAZNET
PATTERSON	S102806063	PATTERSON WATER DISTRICT	22 DEL PUERTO	95363	HAZNET
PATTERSON	S106925263	DEL PUERTO CANYON SEISMIC SITE/CA STATE UNIVERSITY	DEL PUERTO CANYON	95363	SWEEPS UST
PATTERSON	S106931025	R CORNER STORE	115 DEL PUETRO	95363	SWEEPS UST
PATTERSON	S106931335	RICHARD FERRARI	16200 DEL PUERTO AVE	95363	SWEEPS UST
PATTERSON	S107538278		DEL PUERTO CANYON RD	95363	CDL
PATTERSON	S107538279		DEL PUERTO CANYON RD, 2 MI W OF DEL PUERTO	95363	CDL
PATTERSON	S107538280		DEL PUERTO CANYON RD @ 3 MI MARKER	95363	CDL
PATTERSON	S107620961	FRANK RAINES PARK	DEL PUERTO CANYON ROAD	95363	EMI
PATTERSON	S109453955	PATTERSON MS4 PHASE II	33 DEL PUERTO	95363	NPDES
PATTERSON	S109456953	SALTER RESIDENCE	DEL PUERTO CANYON RD EAST OF F	95363	NPDES
PATTERSON	U001607362	FRANK RAINES PARK	DEL PUERTO CANYON ROAD	95363	HIST UST
PATTERSON	S107538330		DUABLO GRANDE AVE / DEL PUERTO CANYON RD	95363	CDL
PATTERSON	S107538443		ELM RD, NORTH OF WALNUT RD	95363	CDL
PATTERSON	S109452288	NORTHSIDE RECOVERY RESERVOIR	FRUIT AVE NEAR ELM AVE	95363	NPDES
PATTERSON	S109452289	NORTHSIDE RECOVERY SYSTEM	FRUIT AVE BTW ELM / SYCAMORE	95363	NPDES
PATTERSON	1011622331	P R C PATTERSON SITE ENV RESPONSE TRUST	13331 NORTH HIGHWAY 33	95363	ICIS
PATTERSON	A100346106	SAN JOAQUIN EQUIPMENT COMPANY	14319 N HIGHWAY 33	95363	AST
PATTERSON	S106248375	DESIGNED MOBILE SYSTEMS IND	800 S HIGHWAY 33	95363	EMI
PATTERSON	S109277099	CHEVRON THOMPSON OFFSITE	CA HIGHWAY 33	95363	SLIC
PATTERSON	S109434287	2007 2008 CNTY OVERLAY PROGRAM	HOGIN RD AUGUST RD TO ERHLICH RD	95363	NPDES
PATTERSON	S106487430	CHEVRON, DMSI, PATTERSON	800 S. HWY 33	95363	SLIC
PATTERSON	S107539190		LEMON AVE, EAST OF HIGHWAY 33	95363	CDL
PATTERSON	S107539922		LEMON AVE, BETWEEN HIGHWAY 33 / SYCAMORE	95363	CDL
PATTERSON	S107541179		WEST MAIN STREET, 1/2 EAST OF JENNINGS ROAD	95363	CDL
PATTERSON	S104573182	STANISLAUS COUNTY PARK & REC	18 MILES W. ON DEL PUERTO CANYON RD	95363	HAZNET
PATTERSON	S107527143		11.5 MLES W OF I-5 DEL PUERTO CYN RD	95363	CDL
PATTERSON	S109434290	2007 2008 CNTY OVERLAY PROGRAM	MONTE VISTA AVE JENNINGS TO CARPENTER RD	95363	NPDES
PATTERSON	S107539425		MORAN RD, 1/4 MI W OF MARSHALL RD	95363	CDL
PATTERSON	S109466108	ZONE 2 WATER STORAGE TANK & BOOSTER PUMP STATION	S OF SPERRY AVE / W OF BALDWIN RD	95363	NPDES
PATTERSON	S106934371	WESTERN AREA POWER ADMINISTRATION	MT OSO	95363	SWEEPS UST
PATTERSON	S107540222		PARADISE AVE 1/4 MI SOUTH OF APRICOT	95363	CDL
PATTERSON	S107540292		POMEGRANATE RD	95363	CDL
PATTERSON	S107540293		POMELO AVE, 1 MI E OF ELM	95363	CDL
PATTERSON	S108723923		POMELO AVE, 3/4 MI E OF ELM AVE	95363	CDL
PATTERSON	S107540294		POMELO AVENUE (CROSS-HIGHWAY 33, 1/4 MILE EAST OF	95363	CDL
PATTERSON	S109453952	PATTERSON CITY FIRE STATION NO 2	SEC OF KEYSTONE PACIFIC / PARK CENTER	95363	NPDES
PATTERSON	S107540709		SO SIDE ON LOQUAL/APPROX .5 W OF ELM	95363	CDL
PATTERSON	S107532456		3.5 MI W OF I-5 ON DEL PORTO CANYON RD	95363	CDL
PATTERSON	S107027287	WALNUT AVENUE MIDDLE SCHOOL	361 WALNUT AVENUE/513 WALNUT AVENUE	95363	SCH, ENVIROSTOR

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PATTERSON	S109149550	PROPOSED SPECIAL EDUCATION AND ALTERNATIVE EDUCATION	513 WALNUT AVENUE / 673 WALNUT AVENUE	95363	SCH, ENVIROSTOR
STANISLAUS COUNTY	S107537510		ALMOND ORCHARD 1/8 MI S OF HATCH RD	95307	CDL
STANISLAUS COUNTY	S107539404		MONTE VISTA RD, 1/4 MI W OF MITCHELL	95380	CDL
STANISLAUS COUNTY	S107532472		30' E OF CERES MAIN CANAL, 1 MI S OF LEVINE RD, 15	95380	CDL
STANISLAUS COUNTY	S107536582		825 RUBLE ROAD (NEAR CROWS LANDING, 100 METERS NO	95313	CDL
STANISLAUS COUNTY	S107537632		AT WATER CANAL, NEAR HARTING ROAD / PRAIRIE FLOW	95380	CDL
TURLOCK	S109450935	MONTE VISTA WEST	SE / SW CORNERS OF MONTE VISTA	95380	NPDES
TURLOCK	S107144245	NINA BURKE	756 / 758 W CANAL DRIVE	95380	HAZNET
TURLOCK	S103964795	FOSTER FARMS AUGUST 1 & 2	8424 / 8425 AUGUST AVE	95380	HAZNET
TURLOCK	S109427127	HERTZ EQUIPMENT RENTAL CORP	HWY 99 AT TAYLOR RD ON RAMP	95380	HAZNET
TURLOCK	S107537457		ACROSS FROM 2813 WEST LINWOOD ROAD	95380	CDL
TURLOCK	S109463225	TURLOCK PARK VILLAS	ATHERSTONE / GOLDEN STATE BLVD	95380	NPDES
TURLOCK	S107537645		AUGUST RD, 1 MI E OF HOGIN RD	95380	CDL
TURLOCK	S107537646		AUGUST RD, 1 MILE E OF HOGIN RD	95380	CDL
TURLOCK	S107538396		EAST AVENUE, ON CANAL BANK	95380	CDL
TURLOCK	S107541170		WEST BANK OF TURLOCK MAIN CANAL, LATERALLY OFF OF	95380	CDL
TURLOCK	S107537783		BARNHART RD, 1/2 MI E OF SPERRY RD	95380	CDL
TURLOCK	S107537795		BAXTER RD (1/2 MI S OF TAYLOR RD)	95380	CDL
TURLOCK	S107528495		1404 BERKELEY AVENUE	95380	CDL
TURLOCK	S109254219		N BLAKER RD, 1/4 MILE S OF FULKERTH RD	95380	CDL
TURLOCK	S107532767		3200 BLOCK OF E TAYLOR RD	95380	CDL
TURLOCK	A100340425	JOE COEHLO, INC.	19637 E. BRADBURY AVE.	95380	AST
TURLOCK	S106104480	JOE O ROCHA DAIRY INC	18451 E BRADBURY RD	95380	NPDES, CA WDS
TURLOCK	S107537889		BRADBURY AVE (NEAR BLAKER AVE)	95380	CDL
TURLOCK	S107537904		BRADBURY RD, W OF HWY 99	95380	CDL
TURLOCK	S107527166		1101 N BROADWAY (AT INTERSECTION OF CANAL)	95380	CDL
TURLOCK	S109463221	TURLOCK 99 BUSINESS PARK	BTWN WALNUT RD / KILROY RD WEST OF HWY 99	95380	NPDES
TURLOCK	S107537969		CANAL AVE / DAUBENBERGER RD	95380	CDL
TURLOCK	S107538925		IN CANAL OFF GRIFFITH HARDING / N99	95380	CDL
TURLOCK	S107539753		ON CANAL BANK 1/4 MI OF FULKERTH RD	95380	CDL
TURLOCK	S109431461	SEBASTIAN SOUSA	914 W CANAL DR APT B / C	95380	HAZNET
TURLOCK	S105027127	SOUZA BUTANE PROPANE	199 CANAL	95380	LUST, HIST CORTESE
TURLOCK	S106127615	UNOCAL SERVICE STATION # 5439	2000 CANAL	95380	LUST
TURLOCK	S107537197		943 CENTRAL AVE	95380	CDL
TURLOCK	S109455568	RED ROBIN GOURMET BURGER	NW CNR OF MONTE VISTA AVE / COUNTRYSIDE DR	95380	NPDES
TURLOCK	S106927872	JOHN D. PERRY	SE COR LINWOOD / PAULSE	95380	SWEEPS UST
TURLOCK	S106829293	CORTEZ GROWERS ASSOCIATION	12714 CORTEZ AVENUE	95380	EMI
TURLOCK	S108746074	DART TRANSPORTATION INTERNATIONAL	CROWS LANDING RD 60FT N OR BRADBURY	95380	HAZNET
TURLOCK	S107538425		EHRlich RD, 1/4 MI E OF CROWS LANDING RD	95380	CDL
TURLOCK	S107737716		EHRlich RD, NEAR FAITH HOME RD	95380	CDL
TURLOCK	S107538475		FAITH HOME / MONTE VISTA	95380	CDL
TURLOCK	S107538481		FAITH HOME RD, 1 MILE N OF BRADBURY RD	95380	CDL
TURLOCK	A100345583	CALAVERAS MATERIALS INC.	1301 FULKERTH	95380	AST
TURLOCK	S107538550		FULKERTH RD, 0.2 MI E OF CENTRAL AVE	95380	CDL
TURLOCK	S107538551		FULKERTH RD, 1/2 MI E OF COMMONS RD	95380	CDL
TURLOCK	S107538552		FULKERTH RD, 1/2 MILE EAST OF CENTRAL AVE	95380	CDL

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TURLOCK	S107538554		FULKERTH RD, 50 YDS N OF PRAIRIE FLWR	95380	CDL
TURLOCK	U003783199	COUNTRY SIDE SHELL	23001 FULKERTH RD.	95380	UST
TURLOCK	S109611774		FULKERTH RD, 1/4 MILE W OF HWY 99	95380	CDL
TURLOCK	S106838658	S&W PLANT #9 (TVG PLANT #6)	495 GOLDEN STATE BLVD	95380	EMI
TURLOCK	1011979938	UNITED RENTALS NORTHWEST INC	2800 N GOLDEN STATE BLVD	95380	FINDS, AST
TURLOCK	A100345494	10 MINUTE LUBE AND OIL	437 GOLDEN STATE BLVD	95380	AST
TURLOCK	S104576811	MOBIL OIL CORPORATION 18-NNH	245 GOLDEN STATE BLVD	95380	HAZNET
TURLOCK	S106924480	CIRCLE J FOOD & GAS	1405 GOLDEN STATE BLVD	95380	EMI, SWEEPS UST
TURLOCK	S107527649		12034 GOLDEN STATE RD (IN CANAL)	95380	CDL
TURLOCK	S107531196		2240 N GOLDEN STATE	95380	CDL
TURLOCK	S107532363		2912 N GOLDEN STATE BLVD (LOCKER D-3)	95380	CDL
TURLOCK	S107533063		3400 N GOLDEN STATE BLVD (DOUBLE D STORAGE LOCKERS)	95380	CDL
TURLOCK	S107538587		GOLDEN STATE BLVD / GRIFFITH AVE	95380	CDL
TURLOCK	S108432018	GOLDEN STATE GAS AND MINI MART	881 GOLDEN STATE BLVD	95380	EMI
TURLOCK	S108433584	ULTRAMAR INC DBA VALERO #3540	216 GOLDEN STATE BLVD	95380	EMI
TURLOCK	S104163168	SWANSON FARMS, INC. (FARMING DIV.)	16804 EAST HARDING	95380	HAZNET
TURLOCK	S107537599		AT HARDING RD / KILROY RD	95380	CDL
TURLOCK	S107538649		HARDING (W OF WASHINGTON)	95380	CDL
TURLOCK	S107538651		HARDING AVE, 1/8 MI S OF WEST MAIN	95380	CDL
TURLOCK	S107538653		HARDING RD @ MITCHELL RD IN TURLOCK IRRIGATION DIS	95380	CDL
TURLOCK	S107538654		HARDING RD AT KILROY RD	95380	CDL
TURLOCK	S107538658		HARDING RD, 1.25 MI E OF CROWS LANDING RD	95380	CDL
TURLOCK	S107538659		HARDING RD, 1/2 MI E OF TEGNER	95380	CDL
TURLOCK	S107538660		HARDING RD, 1/2 MILE WEST OF BLAKER RD	95380	CDL
TURLOCK	S107538661		HARDING RD, 1/4 MI E TEGNOR RD	95380	CDL
TURLOCK	S107538662		HARDING RD, BETW WALNUT AVE / TEGNER RD	95380	CDL
TURLOCK	S107539854		ON HARDING ROAD, WEST OF VINCENT (IN CANAL)	95380	CDL
TURLOCK	S108407428		HARDING RD, 100 YARDS W OF MERCED AVE	95380	CDL
TURLOCK	S109254171		HARDING AVE, 1/8 MILE E OF KILROY	95380	CDL
TURLOCK	S109254172		HARDING RD / CORTEZ AVE	95380	CDL
TURLOCK	S109254173		HARDING RD, 1/2 MILE E OF S TEGNER RD	95380	CDL
TURLOCK	S109254275		W HARDING RD, 500' E OF S WALNUT RD	95380	CDL
TURLOCK	S107538668		HARPER RD, 1/3 MI N OF TAYLOR RD	95380	CDL
TURLOCK	S107539879		ON HILMAR ROAD, 1 MILE WEST OF CENTRAL AVENUE	95380	CDL
TURLOCK	S107539880		ON HILMAR ROAD, 1/2 MILE WEST OF CENTRAL AVENUE	95380	CDL
TURLOCK	S107538785		HOGIN RD, 1/2 MILE SOUTH OF ERLICH RD	95380	CDL
TURLOCK	S109448166	LANDER CROSSING	NW INTERSECTION OF LANDER AVE / HWY 99	95380	NPDES
TURLOCK	S109254228		ON IRRIGATION CANAL LEVEE OFF OF WASHINGTON RD	95380	CDL
TURLOCK	S107535691		6661 KEYES RD	95380	CDL
TURLOCK	1012067584	AMERICOLD LOGISTICS PLANT # 80549	525 SOUTH KILROY RD.	95380	FINDS
TURLOCK	S109440986	CROSSROADS RANCH & SUPPLY	2300 LANDERA AVE ST ROUTE 165	95380	NPDES
TURLOCK	S109348575	BOMBING TARGET NO. 8, CROWS LANDING (J09CA7475)	LINWOOD AVENUE	95313	RESPONSE, ENVIROSTOR
TURLOCK	1010570529	WYCHWOOD INC.	13322 LINWOOD RD	95380	SSTS
TURLOCK	A100345752	FOSTER FARMS /WEST MAIN FEED MILL	3600 W MAIN	95380	AST
TURLOCK	A100345797	HATCH MILLING CO.	9400 W. MAIN ST.	95380	AST
TURLOCK	S103621298	PAUL SCRANTON	1047 MAIN	95380	HAZNET

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TURLOCK	S107541178		WEST MAIN ST AT JENNINGS RD	95380	CDL
TURLOCK	S106127631	MONFREDINI PROPERTY AKA GADDYS SHELL	402 MAIN	95380	LUST
TURLOCK	S108541457	STOP N SAVE # 4	825 MAIN	95380	LUST
TURLOCK	S107541180		WEST MAIN, 3/4 MILE WEST OF CARPENTER RD	95380	CDL
TURLOCK	S107526528		.25 MILE SOUTH OF WEST LINWOOD ROAD ON DIRT ROAD	95380	CDL
TURLOCK	S107536764		8631 MITCHELL ST	95380	CDL
TURLOCK	S107539372		MITCHELL / TURLOCK RDS (MOBILE HOME)	95380	CDL
TURLOCK	S109434289	2007 2008 CNTY OVERLAY PROGRAM	MITCHELL RD MERCED TO BRADBURY RD	95380	NPDES
TURLOCK	S109611732		4519 S MOFFET RD, CROSS-STREET BRADBURY RD	95380	CDL
TURLOCK	S109611818		ON MOFFETT RD, NEAR WEST MAIN ST	95380	CDL
TURLOCK	S107533375		3707 E MONTE VISTA AVE	95380	CDL
TURLOCK	S107539403		MONTE VISTA RD, 1/2 MI W OF CENTRAL	95380	CDL
TURLOCK	S107737771		3707 E MONTE VISTA	95380	CDL
TURLOCK	A100345513	ALFRED NUNES DAIRY	5119 S MORGAN	95380	AST
TURLOCK	S109437366	BERGER OFFICE PARK	NWC OLIVE AVE / CANAL DR	95380	NPDES
TURLOCK	S107539623		OAKDALE RD, 1/4 MILE SOUTH OF MONTE VISTA	95380	CDL
TURLOCK	S109254224		OFF OF HIGHWAY 99, NEAR THE TAYLOR OFF-RAMP	95380	CDL
TURLOCK	S101626935	FRANKLIN S. BABA	12759 PEPPER ST	95380	CA FID UST, SWEEPS UST
TURLOCK	S101627090	YOSHI KUBO	13180 PEPPER ST	95380	CA FID UST, SWEEPS UST
TURLOCK	S105027131	SILVA, G.J. & SONS INC #2	3107 PRAIRIA FLOWER	95380	HIST CORTESE
TURLOCK	S107737862		PRAIRIE FLOWER RD, 1/2 MI OF W MAIN ST	95380	CDL
TURLOCK	S107540511		ROBERTS RD, 1/2 MILE WEST OF MITCHELL RD	95380	CDL
TURLOCK	S107540537		RUBLE RD, 1/2 MI E OF S CARPENTER RD	95380	CDL
TURLOCK	1012067623	TURLOCK 1 PLANT # 75570	660 5TH ST.	95380	FINDS
TURLOCK	S107621914	SAFEWAY INC	SWC MONTE VISTA AVENUE / COUNTRYSIDE DR	95380	EMI
TURLOCK	S109463458	UNITED STATES COLD STORAGE NEW FACILITY	SWC OF CANAL DR / FRANSIL LN	95380	NPDES
TURLOCK	S107540093		ON SYCAMORE, 100 YD S OF SUNNY ACRES	95380	CDL
TURLOCK	S107540854		TAYLOR RD, 1/2 MI W OF FAITH HOME RD	95380	CDL
TURLOCK	S107540855		TAYLOR RD, 1/2 MILE WEST OF FAITH HOME RD	95380	CDL
TURLOCK	S107540856		TAYLOR RD, 1/4 MI W OF CENTRAL AVE	95380	CDL
TURLOCK	S107540857		TAYLOR RD, APPROX 3/4 MI W OF CROWS	95380	CDL
TURLOCK	S107541194		WEST TAYLOR RD (2 MILES WEST OF CROWS LANDING RD)	95380	CDL
TURLOCK	S109442772	ELLIS STORAGE FACILITY EXPANSION	3650 W TAYLOR RD	95380	NPDES
TURLOCK	S109254251		S TEGNER RD, 1/2 MILE S OF HARDING RD	95380	CDL
TURLOCK	S109440665	COTTAGE PARK	W TUOLUMNE RD	95380	NPDES
TURLOCK	S107540119		ON VINCENT, 1/2 MI S OF MONTE VISTA A	95380	CDL
TURLOCK	S107541089		VIVIAN RD, 1/8 MI N OF FULKERTH RD	95380	CDL
TURLOCK	S107526606		1/2 MI W MONTE VIEW AVE (X LOONEY)	95380	CDL
TURLOCK	S108407442		S WALNUT RD, 1/2 MILE S OF W HARDING RD	95380	CDL
TURLOCK	S103680202	GARTON TRACTOR, INC	WALNUT GOLDEN STATE BLVD	95380	HAZNET
TURLOCK	S107541137		WASHINGTON AVE, 3/4 MILE SOUTH OF SIMMONS RD	95380	CDL
TURLOCK	S107540141		ON WEST TUOLUMNE ROAD AT MOFFETT ROAD	95380	CDL
TURLOCK	S107532489		300 YDS E OF VERDUGA RD/ON CANAL BANK	95380	CDL
VERNALIS	1005439479	WESTERN FARM SERVICE-CENTRAL VALLEY	35100 S HWY 33	95358	SSTS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/30/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/09/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/14/2009
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/18/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/21/2009	Telephone: 202-564-6023
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 07/01/2009	Telephone: 800-424-9346
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/31/2009
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/30/2009
	Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/31/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/22/2009	Telephone: 703-603-0695
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/31/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/22/2009	Telephone: 703-603-0695
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 05/15/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 07/21/2009	Telephone: 202-267-2180
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/26/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/16/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/16/2009	Telephone: 202-366-4555
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/11/2009
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 08/27/2009
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/23/2009
	Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2009
Date Data Arrived at EDR: 06/22/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 91

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/30/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2009
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/23/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/28/2009
Date Data Arrived at EDR: 06/23/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 90

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/14/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 09/29/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 03/20/2009
Date Data Arrived at EDR: 03/20/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 05/27/2009
Date Data Arrived at EDR: 08/05/2009
Date Made Active in Reports: 09/29/2009
Number of Days to Update: 55

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 08/05/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/28/2009
Date Data Arrived at EDR: 07/28/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/23/2009	Source: EPA
Date Data Arrived at EDR: 07/28/2009	Telephone: (415) 947-8000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 09/09/2009
Number of Days to Update: 92	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 06/29/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2009	Telephone: 615-532-8599
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/08/2009
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/09/2009
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 08/21/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/27/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 09/18/2009	Last EDR Contact: 08/27/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/23/2009
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/02/2009	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/04/2009	Telephone: 916-341-6320
Date Made Active in Reports: 09/18/2009	Last EDR Contact: 09/04/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 08/31/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/30/2009
	Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/31/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/04/2009	Telephone: 916-445-9379
Date Made Active in Reports: 09/18/2009	Last EDR Contact: 09/04/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 06/15/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 07/21/2009	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 07/21/2009	Telephone: 916-323-3400
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 07/21/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 07/06/2009	Source: Department of Conservation
Date Data Arrived at EDR: 07/24/2009	Telephone: 916-323-3836
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/23/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/14/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/07/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/09/2009	Telephone: see region list
Date Made Active in Reports: 07/23/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 08/31/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/30/2009
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 08/10/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/09/2009
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/03/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/02/2009
	Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 07/07/2009
Date Data Arrived at EDR: 07/09/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 14

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2008
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/23/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/31/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/26/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/07/2009
Date Data Arrived at EDR: 07/09/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 09/23/2009
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/13/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/14/2009	Telephone: 916-323-3400
Date Made Active in Reports: 08/20/2009	Last EDR Contact: 08/03/2009
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/02/2009
	Data Release Frequency: Varies

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2007	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/09/2008	Telephone: 916-845-8400
Date Made Active in Reports: 06/20/2008	Last EDR Contact: 08/18/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 07/07/2009	Source: State Water Quality Control Board
Date Data Arrived at EDR: 07/09/2009	Telephone: 866-480-1028
Date Made Active in Reports: 07/23/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 07/27/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/07/2009
Date Data Arrived at EDR: 07/09/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 14

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/30/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/27/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 07/21/2009	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 07/21/2009	Telephone: 916-327-4498
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 07/21/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/23/2009	Telephone: 916-255-6504
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 07/20/2009
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/27/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 09/18/2009	Last EDR Contact: 08/27/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/23/2009
	Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2007	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 02/17/2009	Telephone: 916-255-1136
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 05/08/2009
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/03/2009
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2007	Source: California Air Resources Board
Date Data Arrived at EDR: 07/14/2009	Telephone: 916-322-2990
Date Made Active in Reports: 07/23/2009	Last EDR Contact: 07/14/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 05/28/2009
Date Data Arrived at EDR: 05/29/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 17

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 09/23/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/27/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/26/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/08/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/09/2009	Telephone: 415-972-3372
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 104	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6271
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/24/2009	Source: EPA Region 6
Date Data Arrived at EDR: 08/26/2009	Telephone: 214-665-6597
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/24/2009	Source: EPA Region 6
Date Data Arrived at EDR: 08/26/2009	Telephone: 214-665-7591
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/20/2009	Source: EPA Region 10
Date Data Arrived at EDR: 08/21/2009	Telephone: 206-553-2857
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 06/04/2009	Source: EPA Region 9
Date Data Arrived at EDR: 06/04/2009	Telephone: 415-972-3368
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 109	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/21/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/20/2009
Date Data Arrived at EDR: 07/20/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/20/2009
Date Data Arrived at EDR: 07/20/2009
Date Made Active in Reports: 07/31/2009
Number of Days to Update: 11

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 16

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/26/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/21/2009
Date Data Arrived at EDR: 07/23/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 11

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 08/03/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 09/18/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 13

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2009
Date Data Arrived at EDR: 08/13/2009
Date Made Active in Reports: 08/20/2009
Number of Days to Update: 7

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 08/10/2009
Date Data Arrived at EDR: 08/17/2009
Date Made Active in Reports: 08/20/2009
Number of Days to Update: 3

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/11/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 08/10/2009
Date Data Arrived at EDR: 08/17/2009
Date Made Active in Reports: 08/27/2009
Number of Days to Update: 10

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/12/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/04/2009
Number of Days to Update: 4

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 08/26/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Semi-Annually

MARIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/04/2009
Date Data Arrived at EDR: 08/18/2009
Date Made Active in Reports: 08/27/2009
Number of Days to Update: 9

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/27/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 07/01/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/28/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/13/2009
Date Data Arrived at EDR: 09/04/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 14

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/31/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/05/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/04/2009
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/15/2009
Date Data Arrived at EDR: 07/16/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 7

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 06/28/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/16/2009
Number of Days to Update: 21

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 07/28/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 6

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 07/28/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 6

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 22

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/31/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 07/16/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/24/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 06/16/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 22

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/31/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/01/2008
Number of Days to Update: 12

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 08/21/2009	Source: Environmental Health Department
Date Data Arrived at EDR: 08/21/2009	Telephone: N/A
Date Made Active in Reports: 08/27/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/27/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 07/28/2009	Telephone: 650-363-1921
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/23/2009
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 04/07/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/07/2009	Telephone: 650-363-1921
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 09/23/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 03/23/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 05/29/2009	Source: Department of Environmental Health
Date Data Arrived at EDR: 06/01/2009	Telephone: 408-918-3417
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 09/23/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/21/2009
	Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 08/31/2009	Telephone: 408-277-4659
Date Made Active in Reports: 09/18/2009	Last EDR Contact: 08/31/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/30/2009
	Data Release Frequency: Annually

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 07/01/2009
Date Data Arrived at EDR: 07/07/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 07/01/2009
Date Data Arrived at EDR: 07/10/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/20/2009
Date Data Arrived at EDR: 07/20/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 14

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 7

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 08/28/2009
Date Data Arrived at EDR: 09/08/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 10

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/04/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 14

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 09/04/2009
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/26/2009	Source: Environmental Health Division
Date Data Arrived at EDR: 07/09/2009	Telephone: 805-654-2813
Date Made Active in Reports: 07/24/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 01/04/2010
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/22/2009	Source: Yolo County Department of Health
Date Data Arrived at EDR: 09/04/2009	Telephone: 530-666-8646
Date Made Active in Reports: 09/16/2009	Last EDR Contact: 09/28/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 09/09/2009
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/07/2009
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/05/2009	Telephone: N/A
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 08/04/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/02/2009
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/28/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/24/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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Exhibit H-2
Historical Aerial Photographs



Almond Power Plant 2

4500 Crows Landing Road
Modesto, CA 95358

Inquiry Number: 2583788.3

September 10, 2009

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography September 10, 2009

Target Property:

4500 Crows Landing Road

Modesto, CA 95358

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1957	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1957	Cartwright
1957	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1957	Cartwright
1957	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1957	Cartwright
1957	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1957	Cartwright
1957	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1957	Cartwright
1957	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1957	Cartwright
1969	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1969 Best Copy Available from original source	NASA
1969	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1969 Best Copy Available from original source	NASA
1969	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1969 Best Copy Available from original source	NASA
1969	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1969 Best Copy Available from original source	NASA
1969	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1969 Best Copy Available from original source	NASA
1984	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1984	USGS
1984	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1984	USGS
1984	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1984	USGS
1984	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1984	USGS
1984	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1984	USGS
1993	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1993	USGS

<i>Year</i>	<i>Scale</i>	<i>Details</i>	<i>Source</i>
1993	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1993	USGS
1993	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1993	USGS
1993	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1993	USGS
1993	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR



INQUIRY #: 2583788.3

YEAR: 1957

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1957

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1957

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1957

 = 1000'



Environmental
Data Resources, Inc.



INQUIRY #: 2583788.3

YEAR: 1957

| = 1000'



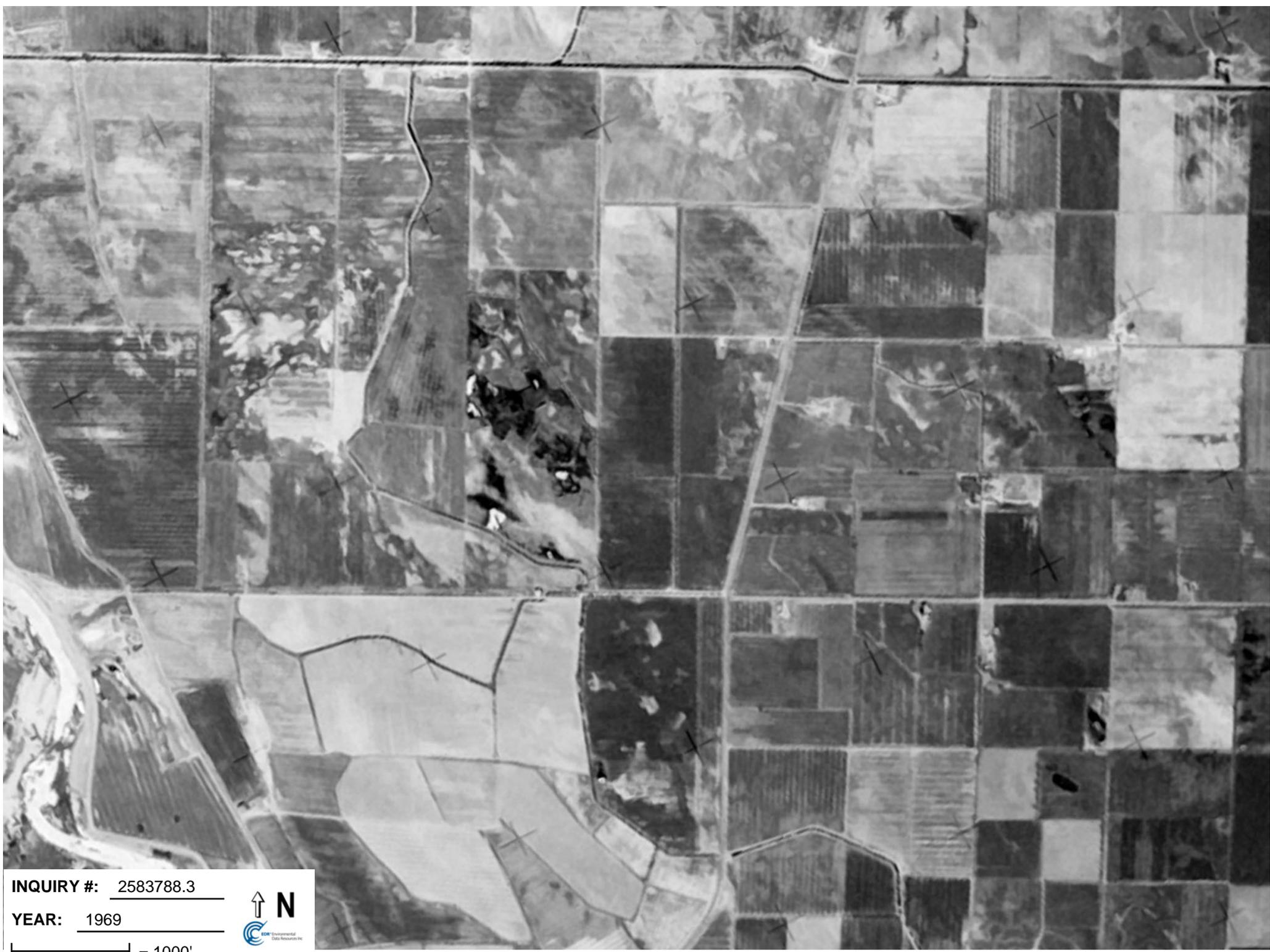


INQUIRY #: 2583788.3

YEAR: 1957

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1969

 = 1000'





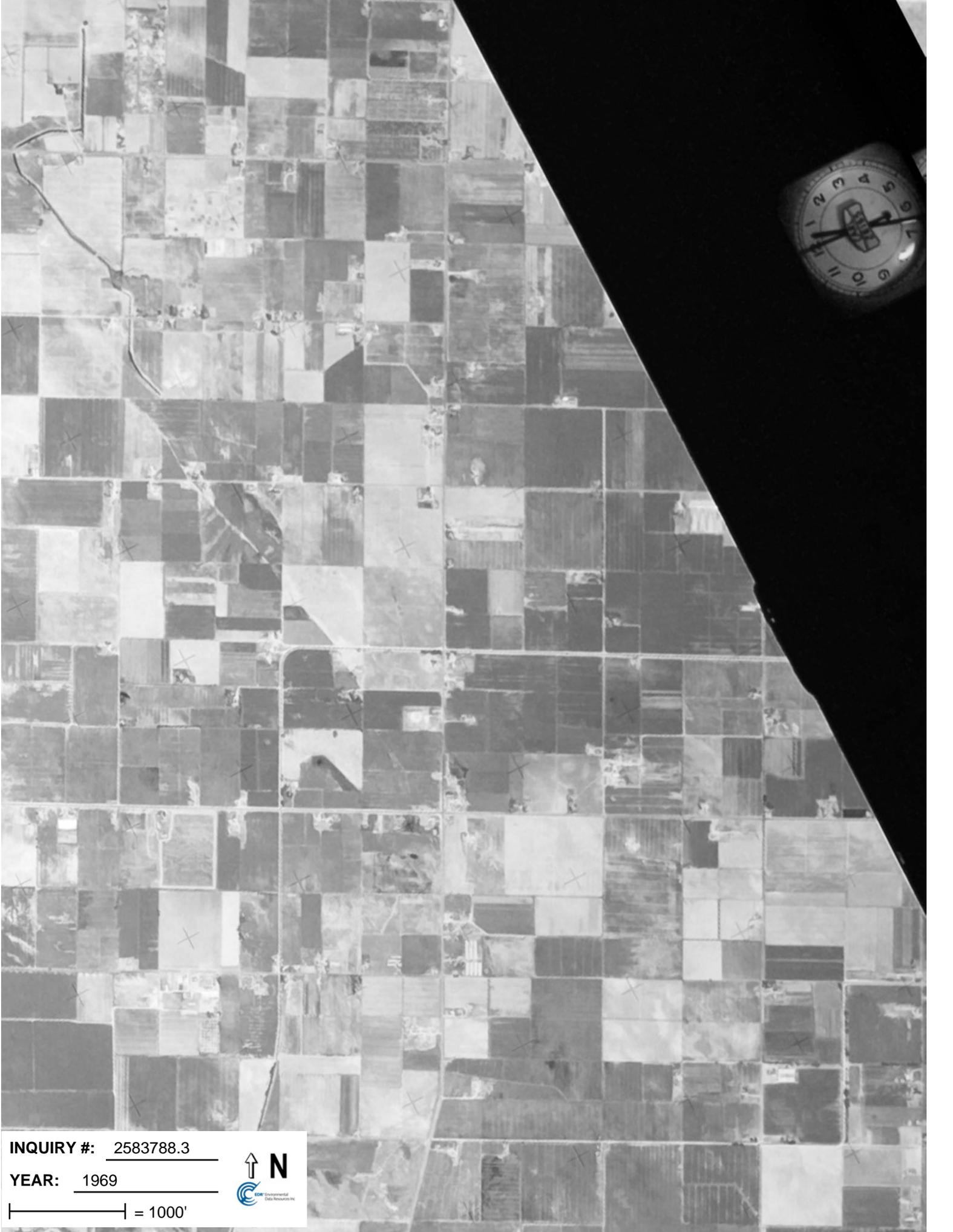
INQUIRY #: 2583788.3

YEAR: 1969

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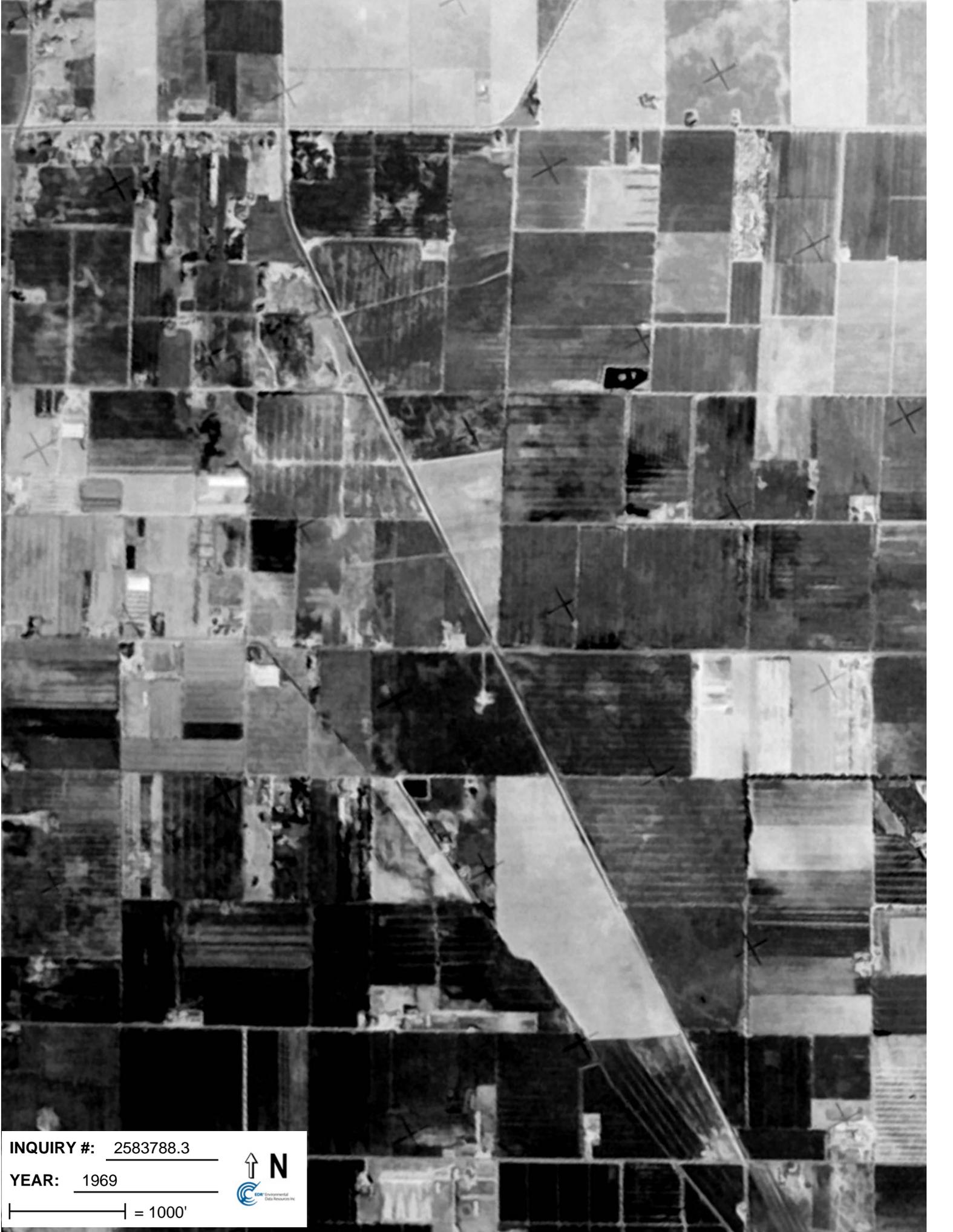


INQUIRY #: 2583788.3

YEAR: 1969

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1969

| = 1000'



3-0055



INQUIRY #: 2583788.3

YEAR: 1969

| = 1000'





INQUIRY #: 2583788.3
YEAR: 1984
| = 1000'





INQUIRY #: 2583788.3

YEAR: 1984

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1984

— = 1000'





INQUIRY #: 2583788.3

YEAR: 1984

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1984

 = 1000'



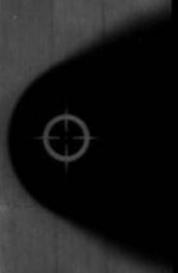


INQUIRY #: 2583788.3

YEAR: 1993

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1993

|—————| = 1000'





INQUIRY #: 2583788.3

YEAR: 1993

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1993

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1993

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1998

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1998

 = 1000'



 Environmental Data Resources

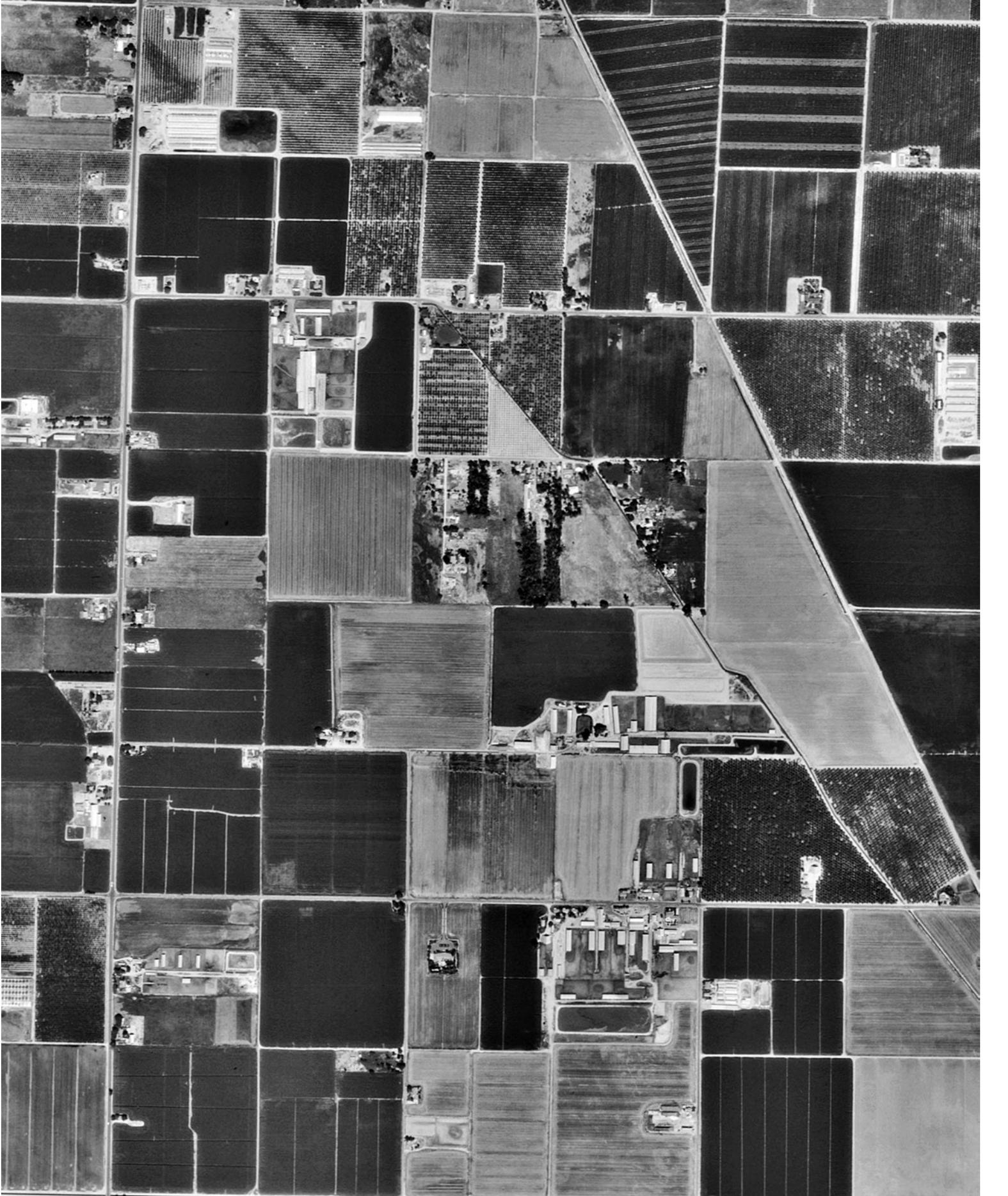


INQUIRY #: 2583788.3

YEAR: 1998

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1998

 = 1000'





INQUIRY #: 2583788.3

YEAR: 1998

| = 1000'





INQUIRY #: 2583788.3

YEAR: 1998

| = 1000'



ESRI Environmental Data Resources Inc.





INQUIRY #: 2583788.3

YEAR: 2005

 = 604'





Almond Power Plant 2

4500 Crows Landing Road
Modesto, CA 95358

Inquiry Number: 2583788.1
September 09, 2009

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography September 09, 2009

Target Property:

4500 Crows Landing Road

Modesto, CA 95358

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1957	Aerial Photograph. Scale: 1"=555'	Flight Year: 1957	Cartwright
1957	Aerial Photograph. Scale: 1"=555'	Flight Year: 1957	Cartwright
1974	Aerial Photograph. Scale: 1"=541'	Flight Year: 1974	NASA
1974	Aerial Photograph. Scale: 1"=541'	Flight Year: 1974	NASA
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR



INQUIRY #: 2583788.1

YEAR: 1957

 = 555'





INQUIRY #: 2583788.1

YEAR: 1957

| = 555'





INQUIRY #: 2583788.1

YEAR: 1974

| = 541'





INQUIRY #: 2583788.1

YEAR: 1974

| = 541'





INQUIRY #: 2583788.1

YEAR: 1982

| = 690'





INQUIRY #: 2583788.1
YEAR: 1982
|-----| = 690'





INQUIRY #: 2583788.1

YEAR: 1993

| = 666'





INQUIRY #: 2583788.1
YEAR: 1993
|—————| = 666'





INQUIRY #: 2583788.1

YEAR: 1998

| = 666'





INQUIRY #: 2583788.1

YEAR: 1998

 = 666'





INQUIRY #: 2583788.1

YEAR: 2005

— = 604'



Appendix I
List of Pesticides Used and Crops Grown
along the Preferred Alignment

Appendix I: ID Numbers Used for Pesticide and Crop Locations

ID	APN	ACREAGE	SITENUMBER	SITESTREET	SITECITY	SITEZIP	WILLACT
1	057-010-001	23.5	4906	CENTRAL AV	TURLOCK	95380	Y
2	041-006-038	103.7	4400	CROWS LANDING RD	CERES	95307	N
3	058-007-007	39.4	10866	CROWS LANDING RD	CROWS LANDING	95313	Y
4	058-007-008	39.3	10806	CROWS LANDING RD	CROWS LANDING	95313	Y
5	041-009-010	26.0	1367	E GRAYSON RD	CERES	95307	Y
6	058-007-002	39.5		MORGAN RD	TURLOCK	95380	Y
7	041-046-020	81.3	6342	BYSTRUM RD	CERES	95307	N
8	058-007-006	49.0	1225	S MORGAN RD	TURLOCK	95380	Y
9	041-031-025	0.9	5212	MORGAN RD	CERES	95307	N
10	041-031-026	38.4		MORGAN RD	CERES	95307	N
11	058-020-003	113.6		HARDING & MORGAN RD	TURLOCK		Y
12	058-020-004	40.5		HARDING RD	TURLOCK	95380	N
13	041-031-001	40.0	1466	GRAYSON RD	CERES	95307	Y
14	041-065-041	0.6	1179	MARCHY LN	CERES	95307	N
15	041-065-042	0.5	4476	UNITED DR	CERES	95307	N
16	057-002-017	45.0	11806	BRADBURY RD	TURLOCK	95380	Y
17	057-002-016	44.7	12712	W BRADBURY RD	TURLOCK	95380	Y
18	058-023-007	100.0		W BRADBURY RD	CROWS LANDING		Y
19	058-023-009	9.1	12006	CROWS LANDING RD	CROWS LANDING	95313	Y
20	058-023-023	40.7		HARDING RD	CROWS LANDING		Y
21	058-023-024	71.0		HARDING RD	CROWS LANDING		Y
22	058-023-026	10.0		BRADBURY RD	CROWS LANDING	95313	Y
23	041-065-010	0.6	1112	PREMIER DR	CERES	95307	N
24	058-023-022	44.9		CROWS LANDING RD	CROWS LANDING	95313	Y
25	041-065-012	0.5	1064	PREMIER DR	CERES	95307	N
26	058-023-003	9.9	12910	CARPENTER RD	CROWS LANDING	95313	N
27	058-023-002	255.8		CARPENTER RD	CROWS LANDING	95313	Y
28	058-023-005	19.3		HARDING RD	CROWS LANDING		Y
29	048-027-013	20.4	0	PARADISE AV	PATTERSON	95363	N
30	048-028-001	314.8		ELM & PRUNE & APP AV	PATTERSON	95363	Y
31	058-023-014	30.7	12836	CROWS LANDING RD	CROWS LANDING	95313	Y
32	041-028-009	10.6	5107	MORGAN RD	CERES	95307	Y
33	048-027-001	49.4		PRUNE AV	PATTERSON	95691	Y
34	057-002-001	43.3	5119	MORGAN RD	TURLOCK	95380	Y
35	057-002-005	41.2	13400	W BRADBURY RD	TURLOCK	95380	N
36	057-002-004	34.4	13018	W BRADBURY RD	TURLOCK	95380	Y
37	057-002-003	9.7	13006	W BRADBURY RD	TURLOCK	95380	N
38	041-065-037	1.0	1299	MARCHY LN	CERES	95307	N
39	041-065-038	0.8	1269	MARCHY LN	CERES	95307	N
40	041-065-005	1.2	1136	MARCHY LN	CERES	95307	N
41	058-007-001	78.2	10560	CROWS LANDING RD	CROWS LANDING	95313	Y
42	058-020-005	79.9	11918	LINWOOD AV	TURLOCK	95380	Y

Appendix I: ID Numbers Used for Pesticide and Crop Locations

ID	APN	ACREAGE	SITENUMBER	SITESTREET	SITECITY	SITEZIP	WILLACT
43	041-065-040	1.2	1209	MARCHY LN	CERES	95307	N
44	041-065-011	0.5	1088	PREMIER DR	CERES	95307	N
45	058-023-025	300.0	806	W HARDING RD	CROWS LANDING	95313	Y
46	041-028-010	28.2	5049	MORGAN RD	CERES	95307	Y
47	041-028-013	39.3	5207	MORGAN RD	CERES	95307	Y
48	041-065-004	1.2	1172	MARCHY LN	CERES	95307	N
49	041-065-008	0.5	1087	MARCHY LN	CERES	95307	N
50	041-065-003	1.2	1208	MARCHY LN	CERES	95307	N
51	041-065-006	1.2	1100	MARCHY LN	CERES	95307	N
52	041-065-009	0.6	1111	MARCHY LN	CERES	95307	N
53	057-002-018	44.9	11806	W BRADBURY RD	TURLOCK	95380	Y
54	048-027-011	8.2	19112	PARADISE AV	PATTERSON	95363	N
55	058-023-010	33.2	12000	CROWS LANDING RD	CROWS LANDING	95313	Y
56	058-023-015	37.4	12801	W BRADBURY RD	TURLOCK	95380	Y
57	022-026-012	54.6	547	EL KATRINA LN	CERES	95307	Y
58	022-026-014	108.6	348	E MONTE VISTA AV	CERES	95307	Y
59	022-026-006	37.7		E FULKERTH RD	CERES	95307	Y
60	041-009-001	44.4		MORGAN RD	CERES	95307	N
61	058-026-003	156.6	10407	W BRADBURY RD	TURLOCK	95380	Y
62	041-065-039	1.3	1239	MARCHY LN	CERES	95307	N
63	041-065-001	1.3	1280	MARCHY LN	CERES	95307	N
64	041-065-002	1.2	1244	MARCHY LN	CERES	95307	N
65	041-065-007	0.5	1063	MARCHY LN	CERES	95307	N
66	058-006-002	76.4	12636	W MAIN ST	CROWS LANDING	95313	Y
67	022-010-002	80.4		TAYLOR RD	CERES	95307	Y
68	022-010-007	46.4		ZEERING RD	CERES		Y
69	041-049-022	38.9	1406	E KEYES RD	CERES	95307	Y
70	022-010-006	25.7	843	ZEERING RD	CERES	95307	Y
71	022-010-011	21.8	925	E MONTE VISTA AV	CERES	95307	N
72	022-010-012	2.1	801	E MONTE VISTA AV	CERES	95307	N
73	022-010-013	14.8	737	E MONTE VISTA AV	CERES	95307	N
74	041-007-005	77.6		GRAYSON & TSRR	CERES		N
75	022-026-013	2.1	501	EL KATRINA LN	CERES	95307	N
76	048-027-017	6.4	19132	PARADISE AV	PATTERSON	95363	N
77	041-007-007	134.9	943	GRAYSON RD	CERES	95307	Y
78	058-006-011	88.7	10354	CROWS LANDING RD	CROWS LANDING	95313	Y
79	058-006-012	57.7		CROWS LANDING RD	CROWS LANDING	95313	Y
80	041-008-032	39.6	4454	MORGAN RD	CERES	95307	N
81	041-030-027	31.5	5437	MORGAN RD	CERES	95307	N
82	041-033-002	52.4	5742	MORGAN RD	CERES	95307	Y
83	041-030-028	1.7	5429	MORGAN RD	CERES	95307	N
84	041-033-001	26.3	5436	MORGAN RD	CERES	95307	Y

Appendix I: ID Numbers Used for Pesticide and Crop Locations

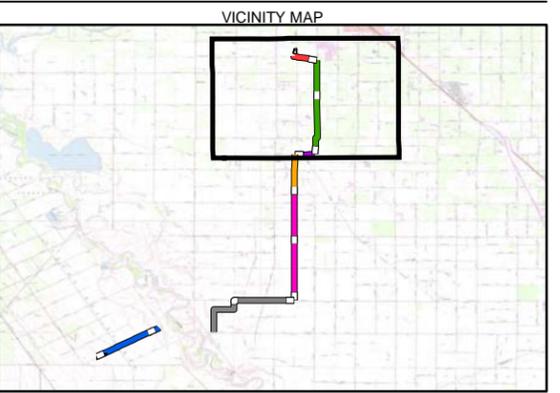
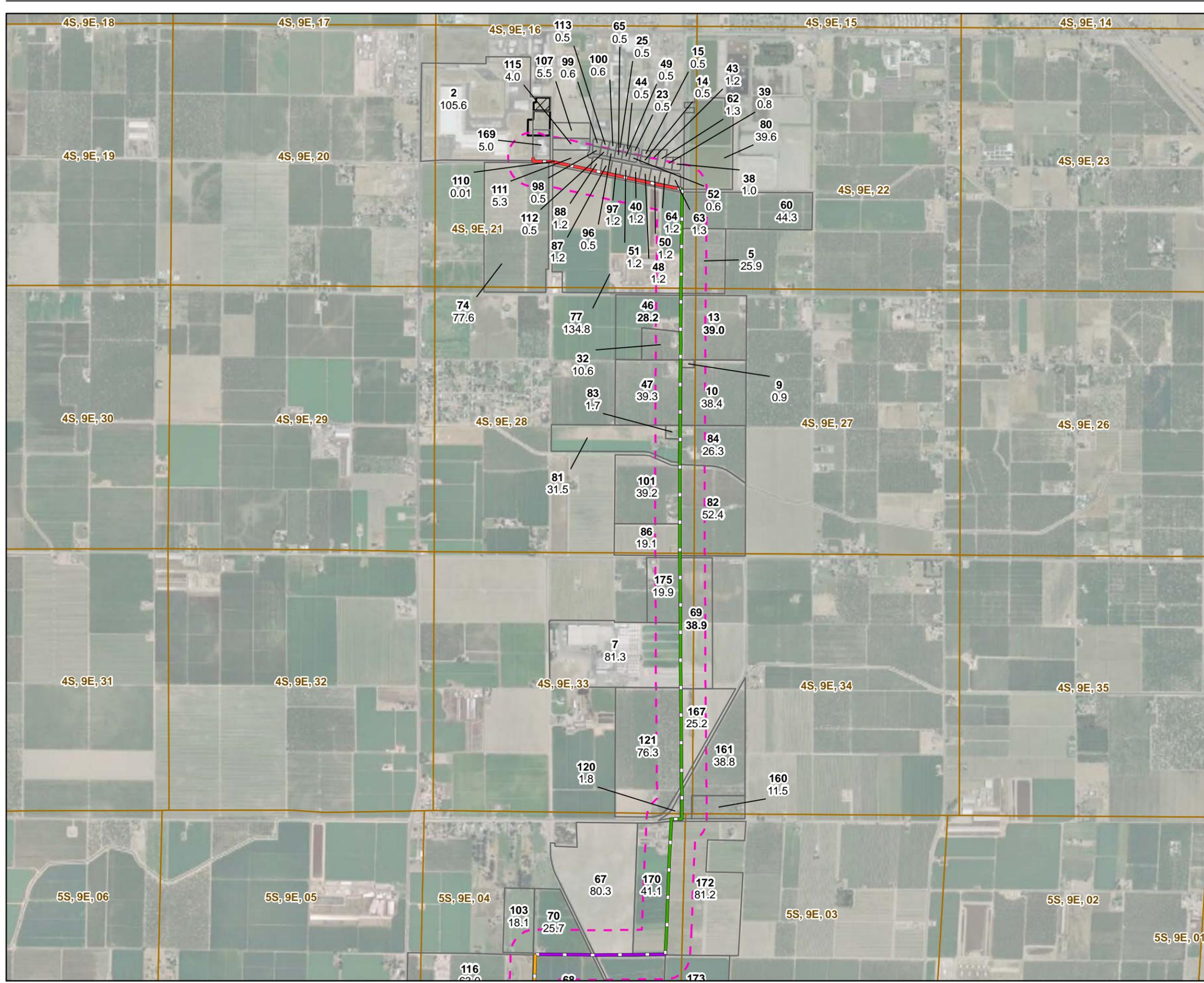
ID	APN	ACREAGE	SITENUMBER	SITESTREET	SITECITY	SITEZIP	WILLACT
85	058-022-025	35.7	11684	CROWS LANDING RD	CROWS LANDING		Y
86	041-030-007	19.1	1237	E KEYES RD	CERES	95307	Y
87	041-064-009	1.2	1028	MARCHY LN	CERES	95307	N
88	041-064-008	1.2	992	MARCHY LN	CERES	95307	N
89	058-025-006	19.7	12119	W BRADBURY RD	TURLOCK	95380	Y
90	058-025-001	37.0	3201	MORGAN RD	TURLOCK	95380	Y
91	022-039-011	27.4	12125	WEST MAIN ST	TURLOCK	95380	Y
92	058-025-005	19.5		W BRADBURY RD	TURLOCK	95380	Y
93	057-001-002	80.9	13807	CARPENTER RD	CROWS LANDING	95313	Y
94	058-022-049	81.9	11949	CROWS LANDING RD	CROWS LANDING	95313	Y
95	057-001-010	77.2		CROWS LANDING RD	CROWS LANDING	95313	Y
96	041-064-011	0.5	1039	MARCHY LN	CERES	95307	N
97	041-064-010	1.2	1064	MARCHY LN	CERES	95307	N
98	041-064-013	0.5	4476	FARM SUPPLY DR	CERES	95307	N
99	041-064-014	0.6	4456	FARM SUPPLY DR	CERES	95307	N
100	041-064-016	0.5	1040	PREMIER DR	CERES	95307	N
101	041-030-006	39.2	5815	MORGAN RD	CERES	95307	Y
102	058-022-007	77.6	801	HARDING RD	CROWS LANDING	95313	Y
103	022-025-011	18.1	519	E ZEERING RD	CERES	95307	Y
104	058-025-004	37.8	4525	MORGAN RD	TURLOCK	95380	Y
105	058-022-048	69.9	0	HARDING RD	CROWS LANDING	95313	Y
106	057-001-013	137.8		CARPENTER RD	MODESTO	95356	Y
107	041-064-024	5.4	4425	FARM SUPPLY DR	CERES	95307	N
108	048-026-001	188.3		ELM AV	PATTERSON	95363	Y
109	048-026-002	129.9		PRUNE AV	PATTERSON	95691	Y
110	041-064-023	0.0	0	FARM SUPPLY DR	CERES	95307	N
111	041-064-022	5.2	4475	FARM SUPPLY DR	CERES	95307	N
112	041-064-012	0.5	1015	MARCHY LN	CERES	95307	N
113	041-064-015	0.5	1016	PREMIER DR	CERES	95307	N
114	048-026-004	1.0	3161	PRUNE AV	PATTERSON	95363	N
115	041-064-025	4.0	0	FARM SUPPLY DR	CERES	95307	N
116	022-009-001	63.0	206	E ZEERING RD	CERES	95307	Y
117	022-009-007	18.3	549	E MONTE VISTA AV	CERES		Y
118	058-002-010	273.5	12467	CARPENTER RD	CROWS LANDING	95313	Y
119	048-026-010	7.3	3131	PRUNE AV	PATTERSON	95363	N
120	041-048-004	1.8	1319	E TAYLOR RD	CERES	95307	N
121	041-048-007	76.3	1143	E TAYLOR RD	CERES	95307	N
122	048-029-001	57.0		MARSHALL RD	PATTERSON	95363	N
123	048-029-003	2.0		PRUNE AV	PATTERSON	95691	N
124	048-029-002	75.7	1600	PRUNE AV	PATTERSON	95363	N
125	022-038-002	58.6	9524	CROWS LANDING RD	CERES		Y
126	022-038-009	112.5	306	BYSTRUM RD	TURLOCK	95380	Y

Appendix I: ID Numbers Used for Pesticide and Crop Locations

ID	APN	ACREAGE	SITENUMBER	SITESTREET	SITECITY	SITEZIP	WILLACT
127	057-003-013	46.1	4942	S MORGAN RD	TURLOCK	95350	Y
128	022-038-003	7.5	407	N BYSTRUM RD	TURLOCK	95380	N
129	058-021-001	39.4	12000	LINWOOD AV	TURLOCK	95382	N
130	058-021-004	79.6	12025	HARDING RD	TURLOCK	95380	Y
131	022-037-008	39.2	1107	BYSTRUM	TURLOCK		Y
132	057-003-003	90.9	9730	W BRADBURY RD	TURLOCK	95380	Y
133	057-003-002	46.3	10408	W BRADBURY RD	TURLOCK	95380	Y
134	058-021-002	20.0	12107	SIMMONS RD	TURLOCK	95313	Y
135	022-037-004	18.9	11818	FULKERTH RD	TURLOCK	95380	Y
136	022-037-007	39.4	1030	BYSTRUM RD	TURLOCK	95380	Y
137	022-037-003	38.7	12000	E FULKERTH RD	TURLOCK		Y
138	048-025-021	15.0	19149	ELM AV	PATTERSON	95363	N
139	058-024-001	37.1		HARDING RD	TURLOCK	95380	Y
140	022-028-022	1.3	746	BLISS RD	CERES	95307	N
141	048-025-019	16.2	1219	PRUNE AV	PATTERSON	95363	Y
142	048-025-005	62.6		PRUNE AV	PATTERSON	95691	Y
143	058-028-007	37.2	9506	W BRADBURY RD	TURLOCK	95380	N
144	058-027-015	19.7		W BRADBURY RD	TURLOCK	95380	Y
145	058-027-016	38.6		W BRADBURY RD	TURLOCK	95380	Y
146	058-024-002	117.5	12337	CLAUSEN RD	CROWS LANDING	95313	Y
147	058-021-005	39.7		HARDING RD	TURLOCK	95380	Y
148	058-024-005	19.9	12301	W BRADBURY RD	TURLOCK	95380	Y
149	058-024-004	19.6	12225	W BRADBURY RD	TURLOCK	95380	Y
150	058-024-006	38.6	12731	W BRADBURY RD	TURLOCK	95380	Y
151	022-028-006	2.7	740	BLISS RD	CERES	95307	N
152	022-028-010	1.4	764	BLISS RD	CERES	95307	N
153	022-028-005	1.5	736	BLISS RD	CERES	95307	N
154	022-028-009	1.1	758	BLISS RD	CERES	95307	N
155	022-028-001	6.8	700	BLISS RD	CERES	95307	N
156	022-028-003	0.2	728	BLISS RD	CERES	95307	N
157	022-027-012	14.6	818	MONTE VISTA AV	CERES	95307	Y
158	058-027-014	18.8	4525	CENTRAL AV	TURLOCK	95380	Y
159	022-027-013	19.2		BYSTRUM RD	CERES	95307	Y
160	041-050-011	11.5	1519	TAYLOR RD	CERES	95307	Y
161	041-050-010	38.8	0	E TAYLOR RD	CERES	95307	Y
162	022-028-002	0.4	732	BLISS RD	CERES	95307	N
163	022-028-004	0.3	724	BLISS RD	CERES	95307	N
164	022-028-008	3.8	752	BLISS RD	CERES	95307	N
165	022-027-010	77.4	0	EL KATRINA LN	CERES	95307	Y
166	022-027-014	3.4	8000	BYSTRUM RD	CERES	95307	Y
167	041-050-001	25.3		MORGAN RD	CERES	95307	N
168	Canal						

Appendix I: ID Numbers Used for Pesticide and Crop Locations

ID	APN	ACREAGE	SITENUMBER	SITESTREET	SITECITY	SITEZIP	WILLACT
169	041-006-026	4.94		CROWS LANDING RD	CERES	95307	N
170	022-010-001	41.08	1236	E TAYLOR RD	CERES	95307	Y
171	022-010-008	42.83		MONTE VISTA AV	CERES		Y
172	022-011-010	81.22	1472	E TAYLOR RD	CERES	95307	Y
173	022-012-012	40.23		ROBERTS RD	CERES	95307	Y
174	048-025-018	20.36		PRUNE AV	PATTERSON	95691	Y
175	041-046-012	20.36	1130	E KEYES RD	CERES	95307	Y



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PREFERRED ALIGNMENT

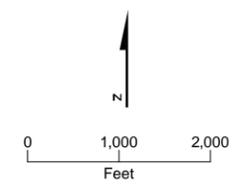
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- D
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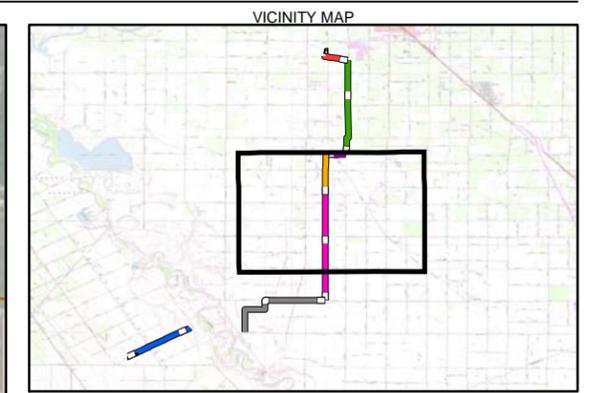
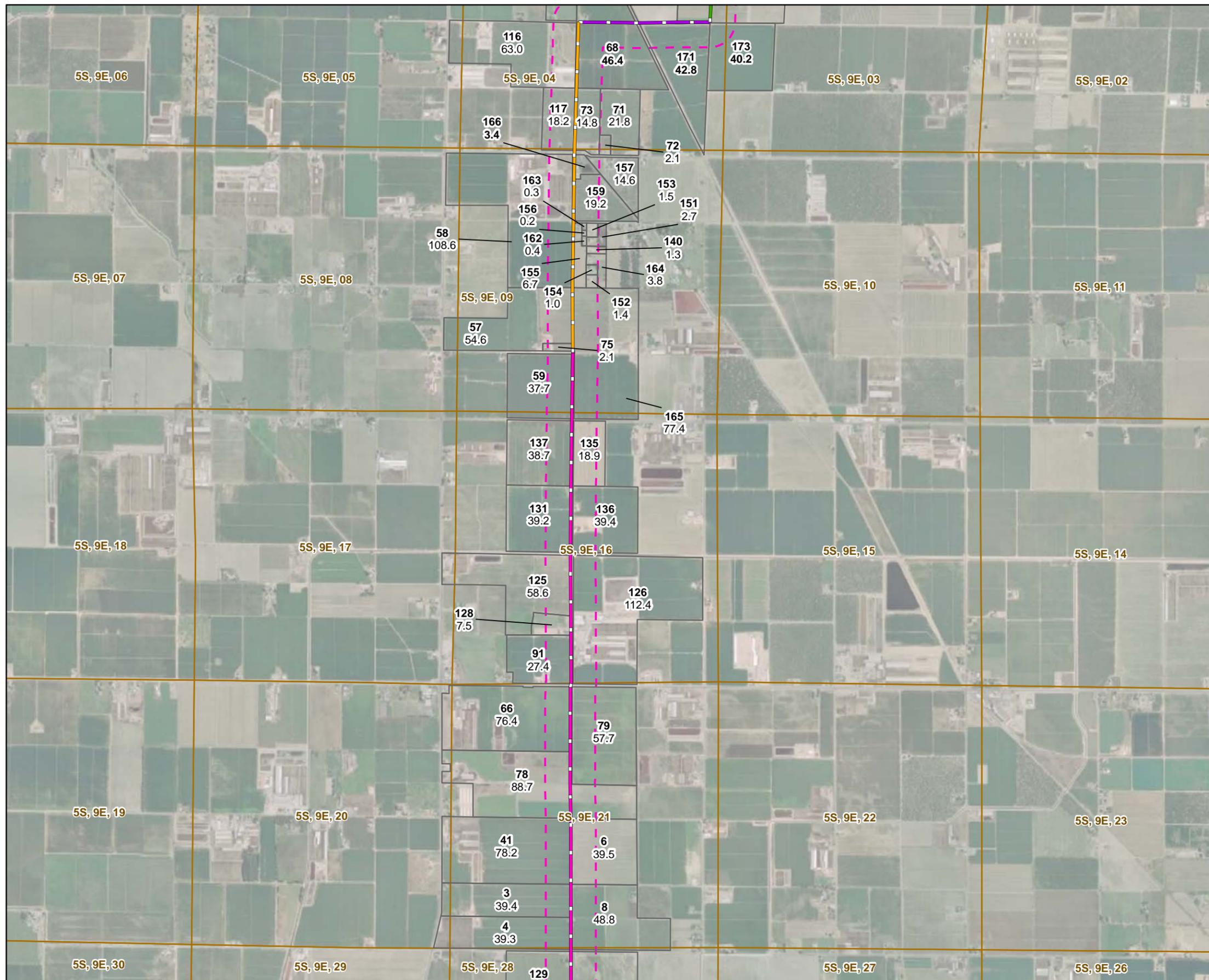
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- Laydown Area
- Project Site
- 500' Buffer
- PLS Sections (Township, Range, Section)

NOTE: 2 = ID
105.6 = Acreage on Lot

SOURCE: County of Stanislaus GIS Department, Parcel Layer, 2006.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.



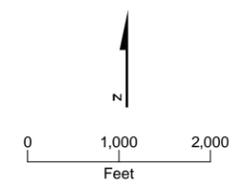


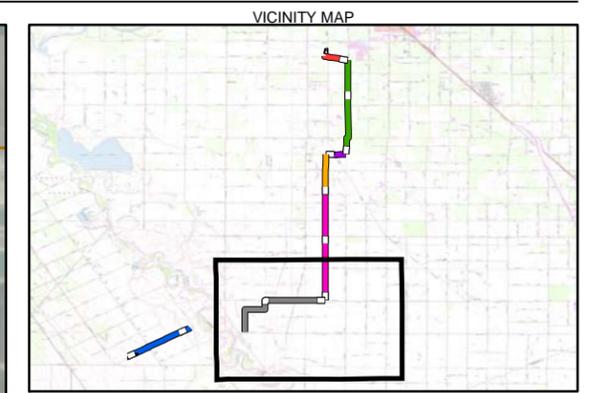
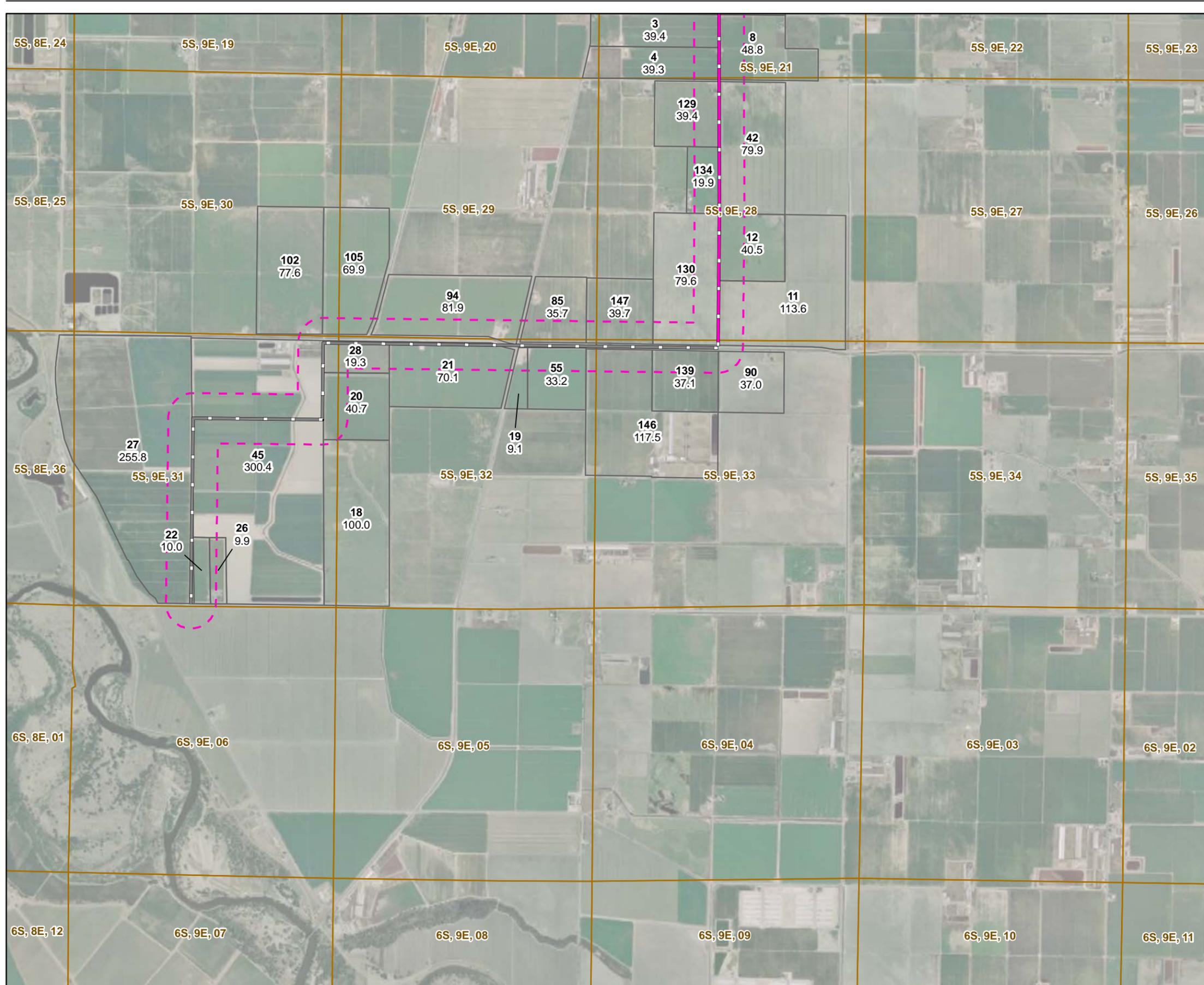
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 - A
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 - F
- Parcels within 500ft
 - Laydown Area
 - Project Site
 - 500' Buffer
 - PLS Sections (Township, Range, Section)

NOTE: 2 ID
105.6 = Acreage on Lot

SOURCE: County of Stanislaus GIS Department, Parcel Layer, 2006.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.





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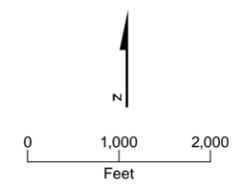
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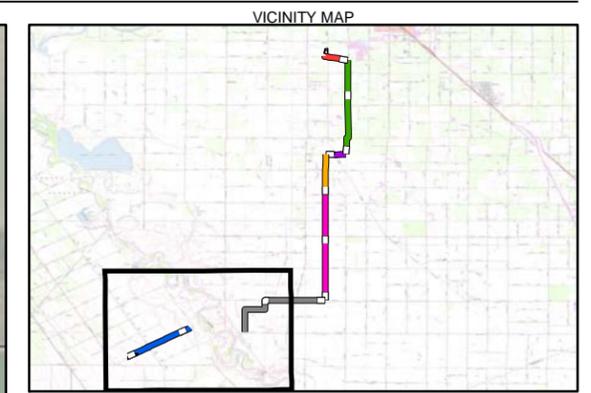
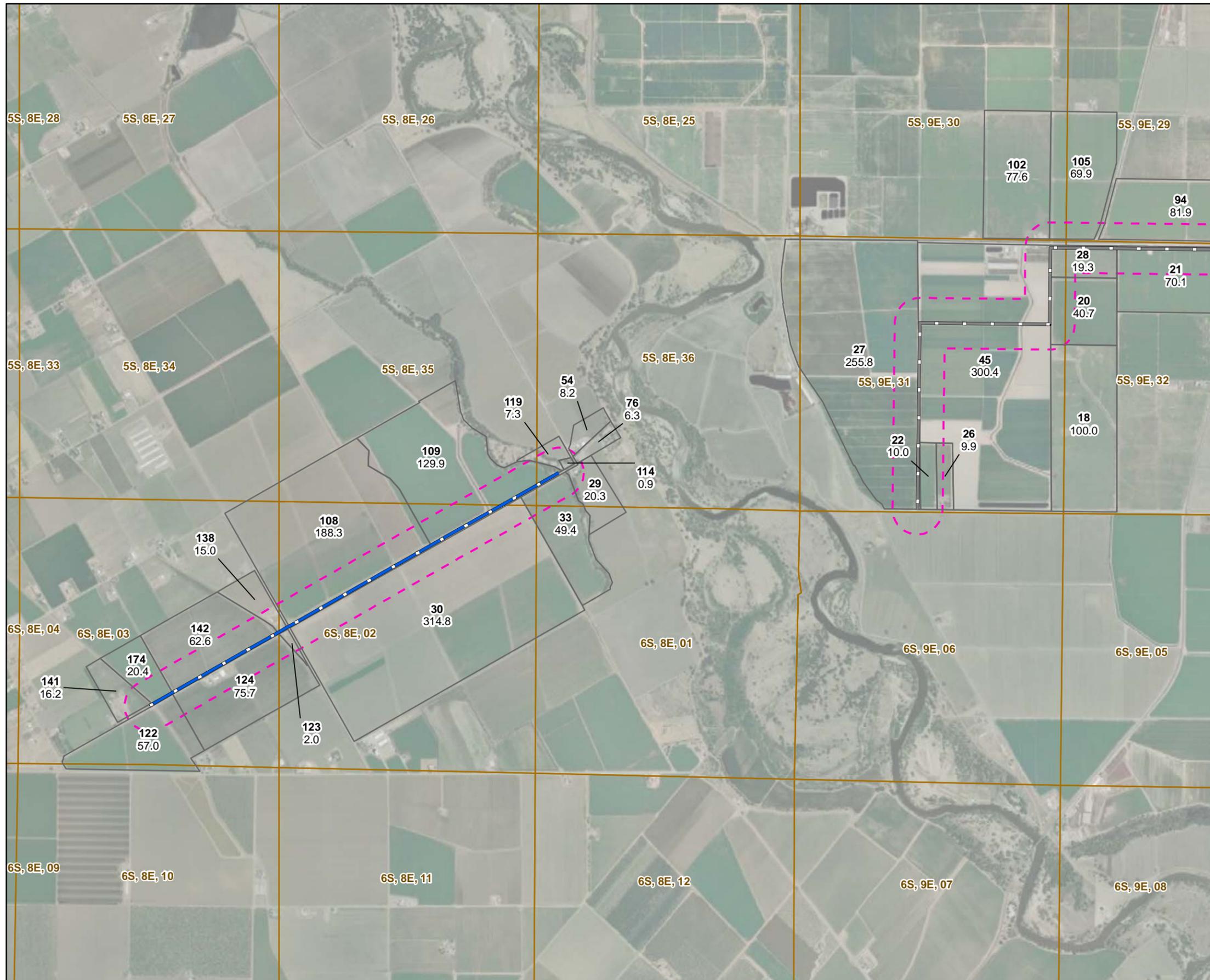
- Parcels within 500ft
- Laydown Area
- Project Site
- 500' Buffer
- PLS Sections (Township, Range, Section)

NOTE: 2 = ID
105.6 = Acreage on Lot

SOURCE: County of Stanislaus GIS Department, Parcel Layer, 2006.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.





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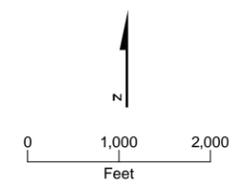
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- A
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- F

- Parcels within 500ft
- Laydown Area
- Project Site
- 500' Buffer
- PLS Sections (Township, Range, Section)

NOTE: 2 = ID
105.6 = Acreage on Lot

SOURCE: County of Stanislaus GIS Department, Parcel Layer, 2006.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.



Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive	Date
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/18/2002	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		RNA BUPHER	1050990	50015 AA			0	8/22/2002	A		0.23 GA		18 A		6/6/2002	1/6/2005	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA			0	8/22/2002	A		0.14 GA		18 A		6/6/2002	1/6/2005	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		LORSPAN 4E-HF	62719	2200 AA			0	8/22/2002	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	23001	ALFALFA	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		FERTH-BUFFER	1051069	50001 AA			0	3/28/2002	G		0.45 GA		18 A		12/5/2001	6/6/2002	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	23001	ALFALFA	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005 AA			0	3/28/2002	G		4.5 GA		18 A		12/5/2001	6/6/2002	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		DUAL MAGNUM HERBICIDE	100	816 AA			0	6/12/2002	G		3.76 GA		18 A		6/6/2002	1/6/2005	
60, 80	2002	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	6/12/2002	G		0.54 GA		18 A		6/6/2002	1/6/2005	
60, 80	2003	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/1/2003	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2003	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	3/25/2003	G		1.02 GA		34 A		11/26/2002	1/6/2005	
60, 80	2003	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005 AA			0	3/25/2003	G		4.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2003	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		DUAL MAGNUM HERBICIDE	100	816 AA			0	5/12/2003	G		3.76 GA		18 A		6/6/2002	1/6/2005	
60, 80	2003	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	5/12/2003	G		0.54 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/7/2004	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		GRAMOXONE MAX	100	1074 AA			0	12/9/2004	G		4.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/9/2004	G		10.63 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		SENCOR SPRAYULE	3125	325 AA			0	12/9/2004	G		22.44 LB		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		RNA ACTIVATOR 85	1050990	50007 AA			0	12/9/2004	G		1.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	5/12/2003	G		0.54 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/7/2004	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		GRAMOXONE MAX	100	1074 AA			0	12/9/2004	G		4.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/9/2004	G		10.63 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		SENCOR SPRAYULE	3125	325 AA			0	12/9/2004	G		22.44 LB		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		RNA ACTIVATOR 85	1050990	50007 AA			0	12/9/2004	G		1.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	5/12/2003	G		0.54 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/7/2004	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		GRAMOXONE MAX	100	1074 AA			0	12/9/2004	G		4.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/9/2004	G		10.63 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		SENCOR SPRAYULE	3125	325 AA			0	12/9/2004	G		22.44 LB		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		RNA ACTIVATOR 85	1050990	50007 AA			0	12/9/2004	G		1.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	5/12/2003	G		0.54 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/7/2004	A		4.5 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		GRAMOXONE MAX	100	1074 AA			0	12/9/2004	G		4.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/9/2004	G		10.63 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		SENCOR SPRAYULE	3125	325 AA			0	12/9/2004	G		22.44 LB		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 K1	23001	ALFALFA	22 04S	09E	34 E/S BLAKER 1/2M S. SERVICE		RNA ACTIVATOR 85	1050990	50007 AA			0	12/9/2004	G		1.25 GA		34 A		11/26/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	5/12/2003	G		0.54 GA		18 A		6/6/2002	1/6/2005	
60, 80	2004	5003965	ACKERMAN, PAUL	ACKERMAN	PAUL	6934 S. CENTRAL	CERES	CA	95307-9 T1	22005	CORN FOF	22 04S	09E	18 W/S CENTRAL S. OF SERVICE		COMITE	400	1004 ZA			0	7/7/2004	A		4.5 GA		18 A		6/		

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	ePA pestc	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	u	u	Treated Q	Treated U	Site Active	Site Inactive Date
171, 173	2006	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A7	22005	CORN FOI	3 05S	09E		20 N/S MONTE VISTA WS RR		ROUNDUP WEATHERMAX HERBICIDE	524	537 AA			6/23/2006	G		3.4 GA	20 A		1/1/2000	8/4/2006		
171, 173	2007	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A6	22005	CORN FOI	3 05S	09E		80 N/S MONTE VISTA EASTSIDE OF RR TRACKS	YORI RANCH/FLOOD OUTSIDE GWPA	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			7/5/2007	G		5 GA	80 A		1/2/2007			
171, 173	2007	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A6	22005	CORN FOI	3 05S	09E		80 N/S MONTE VISTA EASTSIDE OF RR TRACKS	YORI RANCH/FLOOD OUTSIDE GWPA	DYNE-AMIC	5905	50071 AA			7/5/2007	G		2 GA	80 A		1/2/2007			
171, 173	2007	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A7	22005	CORN FOI	3 05S	09E		20 N/S MONTE VISTA WS RR	GONZALEZ RANCH/OUTSIDE GWPA	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			7/5/2007	G		1.25 GA	20 A		1/1/2000			
171, 173	2007	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A7	22005	CORN FOI	3 05S	09E		20 N/S MONTE VISTA WS RR	GONZALEZ RANCH/OUTSIDE GWPA	DYNE-AMIC	5905	50071 AA			7/5/2007	G		0.5 GA	20 A		1/1/2000			
171, 173	2007	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A7	22006	OAT FORI	3 05S	09E		20 N/S MONTE VISTA BOTH WS RR	SHARK HERBICIDE		279	3194 AA			1/18/2007	G		1.55 LB	20 A		1/1/2000			
171, 173	2007	5003471	AGRESTI, HAROLD	AGRESTI	HAROLD	1441 E. MONTE VISTA	CERES	CA	95307-93803A7	22006	OAT FORI	3 05S	09E		20 N/S MONTE VISTA BOTH WS RR	GONZALEZ RANCH/OUTSIDE GWPA	BANVEL	51036	289 AA			1/18/2007	G		0.63 GA	20 A		1/1/2000			
157	2003	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-9 A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	GONZALEZ RANCH/OUTSIDE GWPA	RHOMENE MCPA AMINE HERBICIDE	11685	19 AA		264	1/18/2007	G		30 GA	20 A		1/1/2000			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-9 A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		GLY-4 PLUS HERBICIDE	42750	61 AA		72693	9/4/2003	G		32 PT	15 A		3/3/2000	7/21/2004		
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		EXIT	72	50014 AA			2/23/2006	G		127.5 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		ROVRAL 4 FLOWABLE	264	482 AA			2/23/2006	G		15 PT	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		GAVICIDE SUPER 90	1202	178 AA			5/25/2006	G		225 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		DIAZOL AG 500	68222	9 AA			1/14/2006	G		38 PT	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		NORDOX 75 WG	48142	4 AA			1/14/2006	G		75 LB	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		ROUNDUP WEATHERMAX HERBICIDE	524	537 AA			1/25/2006	G		123 PT	4 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		CHATEAU HERBICIDE SW	59639	99 AA			1/25/2006	G		24 OZ	4 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		SURFLAN A.5	62719	112 AA			1/25/2006	G		12 PT	4 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		MONTEREY M.S.O.	17545	50025 AA			2/17/2007	G		48 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		ROUNDUP ORIGINAL MAX HERBICIDE	264	482 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		DIMLIN 2L	500	461 AA			2/24/2007	G		150 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		EXIT	72	50014 AA			2/24/2007	G		150 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA		AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	100	898 AA			5/25/2006	G		150 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	ROUNDUP ORIGINAL MAX HERBICIDE	524	539 AA			2/17/2007	G		15 PT	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	CHATEAU HERBICIDE SW	59639	99 AA			2/17/2007	G		30 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	FARMSAVER COMB ORYZALIN 4 A.S.	72167	177 AA		73200	2/17/2007	G		160 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/17/2007	G		48 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	264	482 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	5005828	AGUILAR, GUADALUPE	AGUILAR	GUADALUPE	818 E. MONTE VISTA AVE	CERES	CA	95307-93809A1	3001	ALMOND	9 05S	09E		15 818 E. MONTE VISTA	SE CNR OF BYSTRUM & MONTE VISTA	15 LEACHING GWPA	524	50025 AA			2/24/2007	G		240 OZ	15 A		11/2/2005			
157	2006	500																													

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	u	Used	Q	Treated	U	Site Active	Site Inactive	Date
9, 10	2005	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		GLYFOS HERBICIDE	4787	31	AA		0	1/18/2005	G		10.5	GA	38	A	1/20/2004	1/8/2004		
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		DU PONT ASANA XL INSECTICIDE	352	515	AA		0	7/14/2006	G		486.4	OZ	38	A	1/8/2004			
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		COTTONSEED OIL ADJUVANT	1051056	50001	AA		0	7/14/2006	G		7.6	QT	38	A	1/8/2004			
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		ROVRAL 4 FLOWABLE	264	482	AA		0	2/15/2006	G		38	PT	38	A	1/8/2004			
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		KOICIDE 101	1812	228	AA		0	2/15/2006	G		76	LB	38	A	1/8/2004			
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		EXIT	72	50014	AA		0	2/15/2006	G		38	PT	38	A	1/8/2004			
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	100	1154	AA		0	5/19/2006	G		380	OZ	38	A	1/8/2004			
9, 10	2006	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 E/S MORGAN 1/4M S GRAYSON		BRITZ 415 SUPREME SPRAY OIL	10951	15	ZA		0	5/19/2006	G		38	GA	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	DU PONT ASANA XL INSECTICIDE	352	515	AA		0	7/14/2007	G		486.4	OZ	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	HOOK	1051066	50001	AA		0	7/14/2007	G		7.6	QT	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	BRITZ SUPREME SPRAY OIL	10951	16	AA		0	1/25/2007	G		114	GA	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	KOICIDE 2000	1812	358	AA		0	1/25/2007	G		38	GA	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	LORSSAN-4E	62719	220	ZB		0	1/25/2007	G		152	PT	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	ROVRAL 4 FLOWABLE	264	482	AA		0	2/22/2007	G		38	PT	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	EXIT	72	50014	AA		0	2/22/2007	G		38	PT	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	PRISTINE FUNGICIDE	7969	199	AA		0	3/6/2007	G		456	OZ	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	LATRON B-1956 SPREADER STICKER	707	50044	AA		0	3/6/2007	G		243.2	OZ	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	100	1154	AA		0	5/19/2007	G		380	OZ	38	A	1/8/2004			
9, 10	2007	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358-9 2927C1	3001 ALMOND		27 04S	09E		38 LEACHING GWPA	E/S MORGAN 1/4M S GRAYSON	BRITZ 415 SUPREME SPRAY OIL	10951	15	ZA		0	5/19/2007	G		38	GA	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	DU PONT ASANA XL INSECTICIDE	352	515	AA		0	7/16/2008	G		486.4	OZ	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	HOOK	1051066	5001	AA		0	7/16/2008	G		7.6	QT	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	ROVRAL 4 FLOWABLE	264	482	AA		0	2/25/2008	G		38	PT	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	BRITZ 415 SUPREME SPRAY OIL	10951	15	ZA		0	2/25/2008	G		38	GA	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	PRISTINE FUNGICIDE	7969	199	AA		0	3/9/2008	G		456	OZ	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	LATRON B-1956 SPREADER STICKER	707	50044	AA		0	3/9/2008	G		7.6	QT	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	LATRON B-1956	1051132	5003	AA		0	3/9/2008	G		7.6	OT	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	ABOUND FLOWABLE FUNGICIDE	100	1098	AA		0	3/29/2008	G		486.4	OZ	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	BRITZ SILGLOW	10951	50058	AA		0	3/29/2008	G		152	OZ	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	100	1154	AA		0	5/17/2008	G		380	OZ	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	BRITZ 415 SUPREME SPRAY OIL	10951	15	ZA		0	5/17/2008	G		38	GA	38	A	1/8/2004			
9, 10	2008	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	DU PONT ASANA XL INSECTICIDE	352	515	AA		0	7/13/2009	G		38	GA	38	A	1/8/2004			
9, 10	2009	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	HOOK	1051066	50001	AA		0	7/13/2009	G		1.9	GA	38	A	1/8/2004			
9, 10	2009	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	SUPREME 470 SPRAY OIL	2935	542	ZE		0	1/16/2009	G		114	GA	38	A	1/8/2004			
9, 10	2009	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	DUPONT KOICIDE 2000 FUNGICIDE/BACTEF	352	656	AA		0	1/16/2009	G		228	LB	38	A	1/8/2004			
9, 10	2009	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	GEM 500 SC FUNGICIDE	264	826	AA		0	3/21/2009	G		0.95	GA	38	A	1/8/2004			
9, 10	2009	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO	CA	95358 2927C1	3001 ALMOND		27 04S	09E		38 GWPA - NO 6800 PESTICIDES	E/S MORGAN 1/4M S GRAYSON	BRITZ SILGLOW	10951	50058	AA		0	3/21/2009	G		1.19	GA	38	A	1/8/2004			
9, 10	2009	5003552	AMADOR, ED JR.	AMADOR	CARLENE	5136 LAIRD RD.	MODESTO																										

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	u	reated	Q	Treated	U	Site Active	Site Inactive	Date	
167	2003	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 B1	5004 PEACH PF	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA	0	7/11/2003 G				120 OZ	20 A		1/25/2000	2/17/2004					
167	2003	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A3	3001 ALMOND	34 04S	09E	32 1/2M S/S KEYS W/S CENTRAL					LORSPAN-4E	62719	220 ZA	0	7/12/2003 G				128 PT	32 A		1/25/2000	2/17/2004					
167	2003	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A3	3001 ALMOND	34 04S	09E	32 1/2M S/S KEYS W/S CENTRAL					RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA	0	7/12/2003 G				192 OZ	32 A		1/25/2000	2/17/2004					
167	2003	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL				S OF TID CANAL	LORSPAN-4E	62719	220 ZA	0	7/12/2003 G				80 PT	20 A		1/10/2001	2/17/2004					
167	2003	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL				S OF TID CANAL	RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA	0	7/12/2003 G				120 OZ	20 A		1/10/2001	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A3	3001 ALMOND	34 04S	09E	32 1/2M S/S KEYS W/S CENTRAL					FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA	0	12/24/2004 G				98 OZ	32 A		1/25/2000	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A3	3001 ALMOND	34 04S	09E	32 1/2M S/S KEYS W/S CENTRAL					NORDOX 75 WG	48142	4 AA	0	12/24/2004 G				192 LB	32 A		1/25/2000	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A3	3001 ALMOND	34 04S	09E	32 1/2M S/S KEYS W/S CENTRAL					DIAZOL AG 500	66222	9 AA	0	12/24/2004 G				96 OZ	32 A		1/25/2000	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL				S OF TID CANAL	FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA	0	12/24/2004 G				60 GA	20 A		1/10/2001	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					NORDOX 75 WG	48142	4 AA	0	12/24/2004 G				120 LB	20 A		1/10/2001	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					DIAZOL AG 500	66222	9 AA	0	12/24/2004 G				60 PT	20 A		1/10/2001	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 B1	5004 PEACH PF	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA	0	12/25/2004 G				100 OZ	20 A		1/10/2005	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 B1	5004 PEACH PF	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					NORDOX 75 WG	48142	4 AA	0	12/25/2004 G				120 LB	20 A		1/25/2000	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-9 B1	5004 PEACH PF	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					DIAZOL AG 500	66222	9 AA	0	12/25/2004 G				60 PT	20 A		1/25/2000	2/17/2004					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A3	3001 ALMOND	34 04S	09E	32 W/S CENTRAL, 1/4M S OF KEYS					MICROS	72	50014 AA	0	2/29/2004 G				204.8 OZ	32 A		1/10/2005						
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A3	3001 ALMOND	34 04S	09E	32 W/S CENTRAL, 1/4M S OF KEYS					MICROS	100	828 AA	0	2/29/2004 G				160 OZ	32 A		1/10/2005						
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	72	50014 AA	0	2/29/2004 G				128 OZ	20 A		1/10/2005					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	100	828 AA	0	2/29/2004 G				100 OZ	20 A		1/10/2005					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	70810	50014 AA	0	2/29/2004 G				80 OZ	20 A		1/10/2005					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934B1	5004 PEACH PF	34 04S	09E	20 1/4M S OF KEYS 1/4M W OF CENTRAL					N/S OF CANAL	MICROS	72	50014 AA	0	2/29/2004 G				128 OZ	20 A		1/10/2005					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934B1	5004 PEACH PF	34 04S	09E	20 1/4M S OF KEYS 1/4M W OF CENTRAL					N/S OF CANAL	MICROS	264	482 AA	0	2/29/2004 G				20 PT	20 A		1/10/2005					
167	2004	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934B1	5004 PEACH PF	34 04S	09E	20 1/4M S OF KEYS 1/4M W OF CENTRAL					N/S OF CANAL	MICROS	51036	289 AA	0	2/29/2004 G				20 LB	20 A		1/10/2005					
167	2005	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	72	50014 AA	0	2/25/2005 G				128 OZ	20 A		1/10/2005					
167	2005	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	264	482 AA	0	2/25/2005 G				20 PT	20 A		1/10/2005					
167	2005	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	7969	199 AA	0	3/2/2005 G				250 OZ	20 A		1/10/2005					
167	2005	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	1050990	50022 AA	0	3/2/2005 G				40 OZ	20 A		1/10/2005					
167	2005	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	4581	140 ZB	0	3/31/2005 G				80 LB	20 A		1/10/2005					
167	2005	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	55429	1 ZA	0	3/31/2005 G				200 LB	20 A		1/10/2005					
167	2007	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	1050990	50006 AA	0	3/31/2005 G				120 OZ	20 A		1/10/2005					
167	2007	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 1/2M S/S KEYS W/S CENTRAL					S OF TID CANAL	MICROS	264	482 AA	0	2/19/2007 G				20 PT	20 A		1/10/2005					
167	2009	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 LEACHING GWPA					S OF TID CANAL	MICROS	1051060	50005 AA	0	3/6/2009 G				80 OZ	20 A		1/10/2005					
167	2009	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 LEACHING GWPA					S OF TID CANAL	MICROS	100	617 ZD	0	3/6/2009 G				0.63 GA	20 A		1/10/2005					
167	2009	3903026	BELLINO, FRANK	BELLINO	FRANK	27850 OWENS ROAD	ESCALON	CA	95320-92934A4	3001 ALMOND	34 04S	09E	20 LEACHING GWPA					1/2M S/S KEYS W/S CENTRAL MICROS									0.5 GA	20 A		1/10/2005					
172	2001	5004848	BERRYHILL ORCHARDS	BERRYHILL	WILLIAM	1555 E TAYLOR RD	CERES	CA	1E-09 A3	29143 GRAPE, W	3 05S	09E	57 SW CENTRAL AND TAYLOR					RALLY 40W AGRICULTURAL FUNGICIDE IN	707	215 AA	0	6/30/2001 G				40 LB	57 A		2/3/2000	1/26/2006					
172	2001	5004848	BERRYHILL ORCHARDS	BERRYHILL	WILLIAM	1555 E TAYLOR RD	CERES	CA	1E-09 A3	29143 GRAPE, W	3 05S	09E	57 SW CENTRAL AND TAYLOR					DREXEL SUFFA	19713	39 AA	0	6/30/2001 G				7.5 GA	57 A		2/3/2000	1/26/2006					
172	2001	5004848	BERRYHILL ORCHARDS	BERRYHILL	WILLIAM	1555 E TAYLOR RD	CERES	CA	1E-09 A3	29143 GRAPE, W	3 05S	09E	57 SW CENTRAL AND TAYLOR					SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503 AA	0	5/31/2001 G				1800 LB	57 A		2/3/2000	1/26/2006					</

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	nEPA	pestic	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	u	Used	Q	Treated	U	Site Active	Site Inactive	Date
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	PRISTINE FUNGICIDE	7969	199	AA		0	4/14/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	SULFUR 6L	51036	16	ZA		0	4/14/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	PRO 90	71058	50002	AA		0	4/14/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	SULFUR 6L	51036	16	ZA		0	4/17/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	PRO 90	71058	50002	AA		0	4/17/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	PRISTINE FUNGICIDE	7969	199	AA		0	4/14/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	CHAMP FORMULA 2 FLOWABLE	55146	64	ZA		0	4/14/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	SULFUR 6L	51036	16	ZA		0	4/14/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	SULFUR 6L	51036	16	ZA		0	4/17/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	PRO 90	71058	50002	AA		0	4/3/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	CHAMP FORMULA 2 FLOWABLE	55146	64	ZA		0	4/3/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA		0	4/26/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA		0	5/5/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	PRISTINE FUNGICIDE	7969	199	AA		0	5/15/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	DIPEL DF BIOLOGICAL INSECTICIDE	73049	39	AA		0	5/15/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	SULFUR 6L	51036	16	ZA		0	5/15/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	SULFUR 6L	51036	16	ZA		0	5/15/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	DIPEL DF BIOLOGICAL INSECTICIDE	73049	39	AA		0	5/15/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	PRISTINE FUNGICIDE	7969	199	AA		0	5/15/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B3	3001	ALMOND	3	05S	09E	20	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR	SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA		0	5/5/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B3	3001	ALMOND	3	05S	09E	20	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR	BUCCANEER GLYPHOSATE HERBICIDE	55467	10	AA		0	4/7/2007	G						20	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B3	3001	ALMOND	3	05S	09E	20	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR	GOAL 2XL HERBICIDE	707	243	AA		0	4/7/2007	G						20	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B4	3001	ALMOND	3	05S	09E	23	OUTSIDE GWPA	12 M W CENTRAL, 1/4 M S TAYLOR	SURFLAN A.S.	62719	112	AA		0	4/7/2007	G						23	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B4	3001	ALMOND	3	05S	09E	23	OUTSIDE GWPA	12 M W CENTRAL, 1/4 M S TAYLOR	BUCCANEER GLYPHOSATE HERBICIDE	55467	10	AA		0	4/7/2007	G						23	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B4	3001	ALMOND	3	05S	09E	23	OUTSIDE GWPA	12 M W CENTRAL, 1/4 M S TAYLOR	GOAL 2XL HERBICIDE	707	243	AA		0	4/7/2007	G						23	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B3	3001	ALMOND	3	05S	09E	20	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR	BUCCANEER GLYPHOSATE HERBICIDE	55467	10	AA		0	8/1/2007	G						20	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B3	3001	ALMOND	3	05S	09E	20	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR	FIRST CHOICE GAVICIDE SUPER 90	11656	96	AA		0	6/1/2007	G						20	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B4	3001	ALMOND	3	05S	09E	23	OUTSIDE GWPA	12 M W CENTRAL, 1/4 M S TAYLOR	BUCCANEER GLYPHOSATE HERBICIDE	55467	10	AA		0	6/1/2007	G						10	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B4	3001	ALMOND	3	05S	09E	23	OUTSIDE GWPA	12 M W CENTRAL, 1/4 M S TAYLOR	FIRST CHOICE GAVICIDE SUPER 90	11656	96	AA		0	6/1/2007	G						10	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B1	29143	GRAPE, W	3	05S	09E	17	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND ALMONDS)	BUCCANEER GLYPHOSATE HERBICIDE	55467	10	AA		0	6/1/2007	G						17	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	BUCCANEER GLYPHOSATE HERBICIDE	55467	10	AA		0	6/1/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA		0	6/26/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	SURFLAN A.S.	62719	112	AA		0	6/9/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	SULFUR 6L	51036	16	ZA		0	6/9/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	DIPEL DF BIOLOGICAL INSECTICIDE	73049	39	AA		0	6/9/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	PRO 90	71058	50002	AA		0	6/9/2007	G						12	A	2/5/2007		
172	2007	5007871	BERRYHILL, TOM	CROWDER	GARY	1555 E TAYLOR RD	CERES	CA	95307 B2	29143	GRAPE, W	3	05S	09E	12	OUTSIDE GWPA	12 M W CENTRAL S TAYLOR (BEHIND HOME)	PROVADO SOLUPAK 75% WETTTABLE POW	264																

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	u	reated	U	Site Active	Site Inactive	Date
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	RNA ACTIVATOR 85	1050990	50016 AA			0	12/8/2002	G		0.33 GA	13 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	GRAMOXONE EXTRA HERBICIDE	10182	280 AA			0	2/7/2002	G		30 PT	15 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	GOAL 2XL HERBICIDE	707	243 AA			0	2/7/2002	G		30 PT	15 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	SIM-TROL 4L	35915	11 AA	60063		0	2/7/2002	G		160 OZ	15 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	OMNI SUPREME SPRAY	5905	368 AA			0	1/25/2002	G		124 GA	31 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	KOICIDE 1812	1812	334 AA			0	1/25/2002	G		249 LB	31 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	DIAZINON AG500 INSECTICIDE	5905	248 AA			0	1/25/2002	G		15.5 GA	31 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	VANGARD WG	100	828 AA			0	3/5/2002	G		9.68 LB	31 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	ROUNDUP ORIGINAL HERBICIDE	524	445 ZF			0	6/13/2002	G		3.43 GA	31 A			12/10/2003		
82	2002	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		31 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	HOOK	1051066	50001 AA			0	6/13/2002	G		58.54 OZ	31 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	ROUNDUP ORIGINAL HERBICIDE	524	445 ZF			0	7/12/2003	G		330.67 OZ	20 A			12/10/2003	12/10/2003	
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	RNA ACTIVATOR 85	1050990	50016 AA			0	7/12/2003	G		0.78 GA	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	LORSBAN-4E	62719	220 ZA			0	8/16/2003	G		1984 OZ	20 A			12/10/2003	12/10/2003	
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	VANGARD WG	100	828 ZA			0	2/2/2003	G		155 OZ	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	GRAMOXONE MAX	100	1074 AA			0	2/2/2003	G		2.58 GA	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	SIM-TROL 90DF	35915	12 AA	60063		0	2/2/2003	G		5.17 LB	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	GALIGAN 2E OXYFLUORFEN HERBICIDE	66222	288 AA			0	2/2/2003	G		5.17 GA	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	RNA ACTIVATOR 85	1050990	50016 AA			0	2/2/2003	G		0.78 GA	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	ROUNDUP ORIGINAL HERBICIDE	524	445 ZF			0	5/29/2003	G		496 OZ	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	RNA TRI-AD 73	1050990	50011 AA			0	5/29/2003	G		74.4 OZ	25 A			12/10/2003		
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	ROUNDUP ORIGINAL HERBICIDE	524	445 ZF			0	6/22/2003	G		93 PT	20 A			12/10/2003	12/10/2003	
82	2003	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	RNA TRI-AD 73	1050990	50011 AA			0	6/22/2003	G		148.8 OZ	20 A			12/10/2003	12/10/2003	
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	7/7/2004	G		72.5 OZ	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	VENDEE SOWP	1812	413 AA			0	7/7/2004	G		3.125 GA	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	RNA SI 100	1050990	50022 AA			0	7/7/2004	G		70 OZ	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	ACRAMITE 50WS	400	503 AA			0	8/17/2004	G		12.5 LB	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	RNA SI 100	1050990	50022 AA			0	8/17/2004	G		75 OZ	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B2	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	OMITE-6E	400	89 AA			0	8/17/2004	G		320 OZ	20 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	SOLICAM DF HERBICIDE	100	849 ZC			0	1/6/2004	G		9.09 LB	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	HONCHO HERBICIDE	524	445 ZC			0	1/6/2004	G		290.91 OZ	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	CLEAN CROP SUPER 94 SPRAY OIL	34704	464 AA			0	1/6/2004	G		1.25 GA	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	SIM-TROL 90DF	35915	12 AA	60063		0	1/6/2004	G		4.55 LB	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	NORDEX 75 WG	48142	4 AA			0	1/6/2004	G		170 LB	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	GOAL2XL	62719	424 AA			0	1/6/2004	G		145.45 OZ	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B1	3001	ALMOND	27 04S	09E		25 NE COR. MORGAN & KEYES	NE COR MORGAN & KEYES	RNA ACTIVATOR 85	1050990	50016 AA			0	1/6/2004	G		72.73 OZ	25 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B2	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	GRAMOXONE MAX	100	1074 AA			0	1/29/2004	G		232.73 OZ	20 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO	CA	95828-3 B2	3009	WALNUT	27 04S	09E		20 E/S MORGAN 1/8M N KEYES	NE COR MORGAN & KEYES	GOAL2XL EC HERBICIDE	62719	424 AA			0	1/29/2004	G		21.82 PT	20 A			12/10/2003		
82	2004	5004117	BRATTON, DON	BRATTON	DON	7600 LORIN AVE	SACRAMENTO																									

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Apply Application	EPA use	u	Used	Q	Treated	U	Site Active	Site Inactive	Date
60, 80	2004	5003541	BROWN, DAVE & LEONARD	BROWN	DAVE	1560 ELLENWOOD ROAD	WATERFORD	CA	95386	2922B1	3001 ALMOND	22 04S	09E		30 N/S GRAYSON,1/4M E OF MORGAN		VANGARD WG	100	828	AA		0 2/24/2004	G	150	OZ		30	A		1/20/2004		
60, 80	2004	5003541	BROWN, DAVE & LEONARD	BROWN	DAVE	1560 ELLENWOOD ROAD	WATERFORD	CA	95386	2922B1	3001 ALMOND	22 04S	09E		30 N/S GRAYSON,1/4M E OF MORGAN		KOCIDE 101	1812	288	AA		0 2/24/2004	G	30	LB		30	A		1/20/2004		
129	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A6	22005 CORN FOF	28 05S	09E		15 1/2M E OF CRWSLNDG NS SIMMONS		ROUNDUP ULTRA HERBICIDE	524	475	ZB		0 7/16/2001	G	30	PT		15	A		1/1/2000	1/15/2004	
129	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A6	22005 CORN FOF	28 05S	09E		15 1/2M E OF CRWSLNDG NS SIMMONS		LORSBAN 4E-HF	62719	220	AA		0 7/16/2001	G	22	PT		15	A		1/1/2000	1/15/2004	
129	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		RNA BUPHER	1050990	50015	AA		0 3/22/2001	G	168	OZ		40	A		1/1/2000	1/15/2004	
129	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		IMIDAN 70-WP	10163	169	AA		0 3/22/2001	G	40	LB		40	A		1/1/2000	1/15/2004	
129	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		DREXEL DIMETHOATE 2.67	19713	232	AA		0 3/22/2001	G	40	PT		40	A		1/1/2000	1/15/2004	
134	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		RNA NON-IONIC & ANIONIC SPREADER-BH	1050990	50006	AA		0 9/1/2001	A	48	OZ		15	A		1/1/2000	1/15/2004	
134	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		LORSBAN 4E-HF	62719	220	AA		0 9/1/2001	A	3.75	GA		15	A		1/1/2000	1/15/2004	
134	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		RNA BUPHER	1050990	50015	AA		0 3/22/2001	G	75	OZ		18	A		1/1/2000	1/15/2004	
134	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		IMIDAN 70-WP	10163	169	AA		0 3/22/2001	G	18	LB		18	A		1/1/2000	1/15/2004	
134	2001	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		DREXEL DIMETHOATE 2.67	19713	232	AA		0 3/22/2001	G	40	PT		40	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A6	22005 CORN FOF	28 05S	09E		15 1/2M E OF CRWSLNDG NS SIMMONS		COMITE	400	104	AA		0 7/23/2002	A	3.75	GA		15	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A6	22006 OAT FORI	28 05S	09E		15 1/2M E OF CRWSLNDG NS SIMMONS		RNA ACTIVATOR 85	1050990	50016	AA		0 2/2/2002	A	48	OZ		15	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A6	22006 OAT FORI	28 05S	09E		15 1/2M E OF CRWSLNDG NS SIMMONS		BUCTRIL 4 EC HERBICIDE	264	540	AA		0 2/2/2002	A	1.5	GA		15	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A6	22006 OAT FORI	28 05S	09E		15 1/2M E OF CRWSLNDG NS SIMMONS		RHOMENE MCPA AMINE HERBICIDE	11685	19	AA		264 2/2/2002	A	1.87	GA		15	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		FERTI-BUFFER	1051069	50001	AA		0 3/15/2002	G	2	GA		40	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		DIREX 4L	1812	257	AA		0 3/15/2002	G	40	LB		40	A		1/1/2000	1/15/2004	
129	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		LORSBAN 4E-HF	62719	220	AA		0 3/15/2002	G	5	GA		40	A		1/1/2000	1/15/2004	
134	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		FERTI-BUFFER	1051069	50001	AA		0 3/15/2002	G	0.9	GA		18	A		1/1/2000	1/15/2004	
134	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		IMIDAN 70-WP	10163	169	AA		0 3/15/2002	G	18	LB		18	A		1/1/2000	1/15/2004	
134	2002	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		LORSBAN 4E-HF	62719	220	AA		0 3/15/2002	G	2.25	GA		18	A		1/1/2000	1/15/2004	
129	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		GRAMOXONE MAX	100	1074	AA		0 1/27/2003	G	6	GA		40	A		1/1/2000	1/15/2004	
129	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		DIREX 4L	1812	257	AA		0 1/27/2003	G	40	LB		40	A		1/1/2000	1/15/2004	
129	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		RNA ACTIVATOR 85	1050990	50016	AA		0 1/27/2003	G	2.07	GA		40	A		1/1/2000	1/15/2004	
129	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434	ZA		0 3/12/2003	G	1.2	GA		40	A		1/1/2000	1/15/2004	
129	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		LORSBAN 4E-HF	62719	220	AA		0 3/12/2003	G	5	GA		40	A		1/1/2000	1/15/2004	
129	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		RNA NON-IONIC & ANIONIC SPREADER-BH	1050990	50006	AA		0 3/12/2003	G	1.38	GA		40	A		1/1/2000	1/15/2004	
134	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		GRAMOXONE MAX	100	1074	AA		0 1/27/2003	G	2.7	GA		18	A		1/1/2000	1/15/2004	
134	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		DIREX 4L	1812	257	AA		0 1/27/2003	G	6.75	GA		18	A		1/1/2000	1/15/2004	
134	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		RNA ACTIVATOR 85	1050990	50016	AA		0 1/27/2003	G	4.93	GA		18	A		1/1/2000	1/15/2004	
134	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434	ZA		0 3/12/2003	G	0.54	GA		18	A		1/1/2000	1/15/2004	
134	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		LORSBAN 4E-HF	62719	220	AA		0 3/12/2003	G	2.25	GA		18	A		1/1/2000	1/15/2004	
134	2003	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A5	23001 ALFALFA	28 05S	09E		18 NE SIMMONS & CROWS LANDING		RNA NON-IONIC & ANIONIC SPREADER-BH	1050990	50006	AA		0 3/12/2003	G	0.62	GA		18	A		1/1/2000	1/15/2004	
134	2004	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	93828A5	22005 CORN FOF	28 05S	09E		18 NE SIMMONS & CROWS LANDING		COMITE	400	104	ZA		0 7/17/2004	F	4.5	GA		18	A		1/15/2004		
129	2005	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	9A1	23001 ALFALFA	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		GLY-4 PLUS HERBICIDE	4787	23	AA		72693 7/7/2005	G	10	GA		40	A		1/1/2000	1/15/2004	
129	2005	5004080	CARVALHO, JIM	CARVALHO	JIM	11443 CROWS LANDING	CROWS LANDING	CA	95313	93828A1	22005 CORN FOF	28 05S	09E		40 1/2M E OF CRWSLNDG NS SIMMONS		COMITE	400	104	ZA		0 7/17/2005	G	10	GA		40	A		1/1/2000	1/15/2004	

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive	Date	
141	2004	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		VANGARD WG	100	828 AA			0	2/27/2004	A							2/16/2000		
141	2004	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		BRAVO WEATHER STICK	50534	188 AA		100	3/25/2004	G								2/16/2000		
141	2005	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA			0	2/8/2005	G								2/16/2000	
141	2005	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		NORDOX 75 WG	48142	4 AA			0	2/8/2005	G								2/16/2000	
141	2005	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		FRISTINE FUNGICIDE	7969	199 AA			0	2/24/2005	A								2/16/2000	
141	2005	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		FIRST CHOICE BREAK-THRU	11656	50095 AA			0	2/24/2005	A								2/16/2000	
141	2006	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		DU PONT ASANA XL INSECTICIDE	352	515 AA				0	7/22/2006	G								2/16/2000
141	2006	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		VENDEX 50WP	352	658 AA				0	7/22/2006	G								2/16/2000
141	2006	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		FIRST CHOICE SPREADER STICKER	11656	50021 ZB				0	7/22/2006	G								2/16/2000
141	2006	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		PRISTINE FUNGICIDE	7969	199 AA				0	3/8/2006	A								2/16/2000
141	2006	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		FIRST CHOICE NO FOAM A	11656	50086 ZA				0	3/8/2006	A								2/16/2000
141	2007	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 S/APRICOT 1/2M E/SYCAMORE		SCALA BRAND SC FUNGICIDE	264	788 AA				0	7/14/2008	G								5/1/2003
141	2007	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 OUTSIDE GWPA	S/S APRICOT, 1/2M E/SYCAMORE	FIRST CHOICE SOLAR METHYLATED SEED	11656	50100 AA				0	3/3/2007	G								2/16/2000
141	2008	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 OUTSIDE GWPA	S/S APRICOT, 1/2M E/SYCAMORE	FUJIMITE 5 EC	71711	19 AA				0	7/14/2008	G								2/16/2000
141	2008	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 OUTSIDE GWPA	S/S APRICOT, 1/2M E/SYCAMORE	DU PONT ASANA XL INSECTICIDE	352	515 AA				0	7/14/2008	G								2/16/2000
141	2008	5000415	CHESSLEY, KENT	CHESSLEY	CONNIE	1200 APRICOT AVENUE	PATTERSON	CA	95363	44031	3001 ALMOND	3 06S	08E		16 OUTSIDE GWPA	S/S APRICOT, 1/2M E/SYCAMORE	FIRST CHOICE PARASOL	11656	50011 AA				0	7/14/2008	G								2/16/2000
148	2004	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	MILLER NU-FILM-P	72	50003 AA				0	7/9/2004	G							5/1/2003	
148	2004	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	CLARITY HERBICIDE	7969	137 AA				0	6/30/2005	G								1/9/2004
148	2004	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22006	OAT FORI	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC TO CORN	RIVERDALE MCPA-4 AMINE	228	143 AA				0	1/21/2004	G								1/24/2003
148	2004	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22006	OAT FORI	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC TO CORN	BUCTRIL 4 EC HERBICIDE	264	540 AA				0	1/21/2004	G								1/24/2003
148	2004	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	DU PONT ACCENT HERBICIDE	11656	5062A ZA				0	6/17/2004	G								5/1/2003
148	2004	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	ULTRA 90-NF	17545	50021 AA				0	6/17/2004	G								5/1/2003
148	2005	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	DUPONT STEADFAST HERBICIDE	352	608 AA				0	6/30/2005	G								5/1/2003
148	2005	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	CLARITY HERBICIDE	7969	137 AA				0	6/30/2005	G								1/9/2004
148	2005	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	ULTRA 90-NF	17545	50021 AA				0	6/30/2005	G								1/9/2004
148	2005	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	DREXEL DIMETHOATE 4EC	19713	231 AA				0	8/8/2006	G								5/1/2003
148	2006	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 A3	22005	CORN FOF	33 05S	09E		19 1/2M E.C.L. RD N BRADBURY	DC FR DATS	BIFENTURE EC	70506	58 AA				0	8/8/2006	G								1/9/2004
148	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22005	CORN FOF	33 05S	09E		19 GWPA RUN OFF-NO GWPA USE	1/2M E MORGAN N/BRADBURY	MONTEREY NUTRIENT BUFFER 10-12-0 ZN	17545	50020 AA				0	7/12/2007	G								5/1/2003
148	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22005	CORN FOF	33 05S	09E		19 GWPA RUN OFF-NO GWPA USE	1/2M E MORGAN N/BRADBURY	DISCIPLINE CA	5481	517 AA				0	7/17/2007	G								5/1/2003
148	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22005	CORN FOF	33 05S	09E		19 GWPA RUN OFF-NO GWPA USE	1/2M E MORGAN N/BRADBURY	DREXEL DIMETHOATE 4EC	19713	231 AA				0	7/17/2007	G								5/1/2003
148	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3833A3	22005	CORN FOF	33 05S	09E		19 GWPA RUN OFF-NO GWPA USE	1/2M E MORGAN N/BRADBURY	PRO 90	71058	50002 AA				0	7/17/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3834M17	22005	CORN FOF	35 05S	09E		5.5 GWPA-NO GWPA USE	NW MOFFETT & BRADBURY	DISCIPLINE CA	5481	517 AA				0	7/12/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3834M17	22005	CORN FOF	35 05S	09E		5.5 GWPA-NO GWPA USE	NW MOFFETT & BRADBURY	DREXEL DIMETHOATE 4EC	19713	231 AA				0	7/12/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3834M17	22005	CORN FOF	35 05S	09E		5.5 GWPA-NO GWPA USE	NW MOFFETT & BRADBURY	MONTEREY NUTRIENT BUFFER 10-12-0 ZN	17545	50002 AA				0	7/12/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 3834M17	22005	CORN FOF	35 05S	09E		5.5 GWPA-NO GWPA USE	NW MOFFETT & BRADBURY	PRO 90	71058	50002 AA				0	7/12/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 4302M15A	22005	CORN FOF	35 05S	09E		30 GWPA LEACHING-NO GWPA USE	NE BRADBURY & CENTRAL	DISCIPLINE CA	5481	517 AA				0	7/12/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 4302M15A	22005	CORN FOF	35 05S	09E		30 GWPA LEACHING-NO GWPA USE	NE BRADBURY & CENTRAL	DREXEL DIMETHOATE 4EC	19713	231 AA				0	7/12/2007	G								5/1/2003
143	2007	5000555	COLLINS, KENNETH	COLLINS	KENNETH	4301 SILVA ROAD	TURLOCK	CA	95380-8 4302M15A	22005	CORN FOF	35 05S	09E		30 GWPA LEACHING-NO GWPA USE	NE BRADBURY & CENTRAL	MONTEREY NUTRIENT BUFFER 10-12-0 ZN	17545	50002 AA														

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm r	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	EPA use u	Treated Q	Treated U	Site Active	Site Inactive Date
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	20 NE COR PARADISE/PRUNE AVES	BUEHNER	JAVELIN WG BIOLOGICAL INSECTICIDE	55947	136	AA	0	9/10/2002	G		20 LB	20 A		1/10/2002	1/9/2004	
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	20 NE COR PARADISE/PRUNE AVES	BUEHNER	RNA BUPHER	1050990	50015	AA	0	9/10/2002	G	0.47 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	20 NE COR PARADISE/PRUNE AVES	BUEHNER	LATRON CS-7	707	50043	AA	0	9/10/2002	G	0.47 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ24	15001	BEAN DR11	36 05S	08E	50 S/S BUEHNER SHOP/PRUNE AVE	BUEHNER	DUAL MAGNUM HERBICIDE	100	816	AA	0	4/23/2002	G	6 GA	50 A		5/8/2002	12/31/2002		
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ24	15001	BEAN DR11	36 05S	08E	50 S/S BUEHNER SHOP/PRUNE AVE	BUEHNER	SEADAGRI TRIFLURALIN 480	264	584	AA	0	4/23/2002	G	6 GA	50 A		5/8/2002	12/31/2002		
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ24	15001	BEAN DR11	36 05S	08E	50 S/S BUEHNER SHOP/PRUNE AVE	BUEHNER	POAST	58	AA	0	6/21/2002	G	12.5 GA	50 A		5/8/2002	12/31/2002			
54, 76, 1	2002	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ24	15001	BEAN DR11	36 05S	08E	50 S/S BUEHNER SHOP/PRUNE AVE	BUEHNER	MSO CONCENTRATE METHYLATED SEED	36208	50027	AA	0	6/21/2002	G	12.5 GA	50 A		5/8/2002	12/31/2002		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	MILLER NU-FILM-P	72	50003	AA	0	8/15/2003	G	1 GA	40 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	KELTHANE MF AGRICULTURAL MITICIDE	707	202	AA	0	8/15/2003	G	1.53 GA	40 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	DREXEL DIMETHOATE 4EC	19713	231	AA	0	8/15/2003	G	5 GA	40 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	RNA BUPHER	1050990	50015	AA	0	8/15/2003	G	1.23 GA	40 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	RNA BUPHER	1050990	50015	AA	0	8/15/2003	G	0.47 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	KELTHANE MF AGRICULTURAL MITICIDE	707	202	AA	0	8/15/2003	G	15 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	DREXEL DIMETHOATE 4EC	19713	231	AA	0	8/15/2003	G	5 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	RNA BUPHER	1050990	50015	AA	0	8/15/2003	G	1.25 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	DU PONT ASANA XL INSECTICIDE	352	515	AA	0	9/5/2003	A	1.41 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	LATRON CS-7	707	50043	AA	0	9/5/2003	A	0.47 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	JAVELIN WG BIOLOGICAL INSECTICIDE	55947	136	AA	0	9/5/2003	A	2.5 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	JAVELIN WG BIOLOGICAL INSECTICIDE	55947	136	AA	0	9/5/2003	A	20 LB	20 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ23	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	RNA BUPHER	1050990	50015	AA	0	9/5/2003	A	0.47 GA	20 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	CAPTURE 2 EC-CAL	279	314	AA	0	9/5/2003	A	1.56 GA	40 A		1/10/2002	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	LATRON CS-7	707	50043	AA	0	9/5/2003	A	0.94 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	DREXEL DIMETHOATE 4EC	19713	231	AA	0	9/5/2003	A	5 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	JAVELIN WG BIOLOGICAL INSECTICIDE	55947	136	AA	0	9/5/2003	A	2.5 GA	20 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	RNA BUPHER	1050990	50015	AA	0	9/5/2003	A	0.94 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	DUAL MAGNUM HERBICIDE	100	816	AA	0	5/27/2003	G	7.5 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2003	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	HJJ25	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	PROWL 3.3 EC HERBICIDE	241	337	AA	0	5/27/2003	G	10 GA	40 A		5/1/2003	1/9/2004		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	WARRIOR INSECTICIDE WITH ZEON TECH	100	112	AA	0	8/15/2004	A	0.59 GA	20 A		1/10/2002	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	LATRON CS-7	707	50043	AA	0	8/15/2004	A	0.31 GA	20 A		1/10/2002	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	DREXEL DIMETHOATE 4EC	19713	231	AA	0	8/15/2004	A	2.5 GA	20 A		1/10/2002	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 NE COR PARADISE/PRUNE AVES	BUEHNER	RNA BUPHER	1050990	50015	AA	0	8/15/2004	A	0.47 GA	20 A		1/10/2002	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	WARRIOR INSECTICIDE WITH ZEON TECH	100	112	AA	0	8/15/2004	A	1.19 GA	40 A		5/1/2003	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	LATRON CS-7	707	50043	AA	0	8/15/2004	A	0.31 GA	20 A		5/1/2003	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	DREXEL DIMETHOATE 4EC	19713	231	AA	0	8/15/2004	A	5 GA	40 A		5/1/2003	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	RNA BUPHER	1050990	50015	AA	0	8/15/2004	A	0.94 GA	40 A		5/1/2003	1/18/2005		
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	RNA CROP OIL CONCENTRATE 1915	1050990	50012	AA	0	3/7/2005	G	5 GA	20 A		1/18/2005			
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	PURSUIT HERBICIDE	241	310	AA	0	3/7/2005	G	0.63 GA	40 A		1/18/2005			
54, 76, 1	2004	5000090	D & S LARA FARMS	LARA	DANIEL	P.O. BOX 143	WESTLEY	CA	95387-0	373623	15001	BEAN DR11	36 05S	08E	40 SE PRUNE/PARADISE	BUEHNER	BUCRIL	264	437	AA	0	3/7/2005	G	2.5 GA	40 A		1/18/2005			
54, 76, 1	2004																													

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	nEPA	pestic	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	q	EPA use	u	Treated	U	Site Active	Site Inactive	Date
138	2007	500124	DEL MAR FARMS	DEL DON	LEE	P.O. BOX 1412	PATTERSON	CA	95363-14403C1	3001	ALMOND	3	06S	08E	12	OUTSIDE GWPA; CAMPOS	NE CORNER MARSHALL & ARMSTRONG RD	ROVRAL 4 FLOWABLE	264	482	AA		0	2/27/2007	A	1.5	GA	12	A			9/13/2002			
138	2009	500124	DEL MAR FARMS	DEL DON	LEE	PO BOX 1412	PATTERSON	CA	95363 4403C1	3001	ALMOND	3	06S	08E	12		NE MARSHALL AND ARMSTRONG	ROVRAL 4 FLOWABLE	264	482	AA		0	3/4/2009	A	1.5	GA	12	A			2/5/2009			
138	2009	500124	DEL MAR FARMS	DEL DON	LEE	PO BOX 1412	PATTERSON	CA	95363 4403C1	3001	ALMOND	3	06S	08E	12		NE MARSHALL AND ARMSTRONG	DUPONT KOCCIDE 2000 FUNGICIDE/BACTEF	352	656	AA		0	3/4/2009	A	24	LB	12	A			2/5/2009			
138	2009	500124	DEL MAR FARMS	DEL DON	LEE	PO BOX 1412	PATTERSON	CA	95363 4403C1	3001	ALMOND	3	06S	08E	12		NE MARSHALL AND ARMSTRONG	OMNI SUPREME SPRAY	5905	368	AA		0	3/4/2009	A	12	GA	12	A			2/5/2009			
106	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 4306D1	23001	ALFALFA	6	06S	09E	14	OUTSIDE GWPA;	SE COR CARPENTER & TID CANAL	LAMBDA-CY EC INSECTICIDE-RUP	70506	121	AA		0	3/14/2009	G	4.14	GA	138	A			1/24/2007			
106	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 4306D1	23001	ALFALFA	6	06S	09E	14	OUTSIDE GWPA;	SE COR CARPENTER & TID CANAL	BIFENTHRE	70506	50002	AA		0	3/14/2009	G	3.45	GA	138	A			1/24/2007			
56	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 3832I2	22005	CORN FOF	32	05S	09E	30	OUTSIDE GWPA	12801 BRADBURY /NS BRADBURY 144M E CRWS LDG	DIMETHOATE 4E	51036	58	AA		0	7/23/2009	A	1.5	GA	30	A			1/26/2007			
56	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 3832I2	22005	CORN FOF	32	05S	09E	30	OUTSIDE GWPA	12801 BRADBURY /NS BRADBURY 144M E CRWS LDG	DIMETHOATE 4E	51036	110	AA		0	7/23/2009	A	3.75	GA	30	A			1/26/2007			
56	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 3832I2	22005	CORN FOF	32	05S	09E	30	OUTSIDE GWPA	12801 BRADBURY /NS BRADBURY 144M E CRWS LDG	PRO 90	71058	50002	AA		0	7/23/2009	A	0.38	GA	30	A			1/26/2007			
31	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 3832H1	22005	CORN FOF	32	05S	09E	25	OUTSIDE GWPA; CARSONS	NE COR BRADBURY & C.L. RD	BIFENTHRE	70506	58	AA		0	7/23/2009	A	1.25	GA	25	A			2/15/2005			
31	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 3832H1	22005	CORN FOF	32	05S	09E	25	OUTSIDE GWPA; CARSONS	NE COR BRADBURY & C.L. RD	DIMETHOATE 4E	51036	110	AA		0	7/23/2009	A	3.13	GA	25	A			2/15/2005			
31	2009	5003752	DESOUZA, ARMELIN & MARIA	SOUSA	TONY	3030 S CENTRAL	TURLOCK	CA	95380 3832H1	22005	CORN FOF	32	05S	09E	25	OUTSIDE GWPA; CARSONS	NE COR BRADBURY & C.L. RD	PRO 90	71058	50002	AA		0	7/23/2009	A	0.25	GA	25	A			2/15/2005			
31	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	CLARITY HERBICIDE	7969	137	AA		0	8/4/2001	G	3.13	GA	25	A			8/3/2001	2/15/2005		
31	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	SEVIN BRAND 80 S CARBARYL INSECTICID	264	316	2B		0	8/4/2001	G	43	LB	25	A			8/3/2001	2/15/2005		
31	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	FIRST CHOICE ULTRA PRO	11656	50099	AA		0	8/4/2001	G	1.5	GA	25	A			8/3/2001	2/15/2005		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	POAST	7969	58	AA		0	7/16/2001	G	22	GA	70	A			2/18/2000	8/4/2004		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	HASTEN	2935	50160	AA		0	7/16/2001	G	17.5	GA	70	A			2/18/2000	8/4/2004		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	FIRST CHOICE ULTRA PRO	11656	50099	AA		0	7/16/2001	G	3.5	GA	70	A			2/18/2000	8/4/2004		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	DIREX 4L	1812	257	2A		0	12/31/2001	G	70	GA	140	A			2/18/2000	8/4/2004		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	GRAMOXONE EXTRA HERBICIDE	10182	280	AA		0	12/31/2001	G	26.25	GA	140	A			2/18/2000	8/4/2004		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	LEAF ACT 80HE HERBICIDE ENHANCER	51896	50001	AA		0	12/31/2001	G	8.75	GA	140	A			2/18/2000	8/4/2004		
106	2001	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	WARRIOR INSECTICIDE	10182	96	2A		0	3/10/2001	G	4.1	GA	140	A			2/18/2000	8/4/2004		
31	2002	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	DU PONT ACCENT HERBICIDE	352	560	2A		0	5/30/2002	G	40	OZ	25	A			8/3/2001	2/15/2005		
31	2002	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	CLARITY HERBICIDE	7969	137	AA		0	5/30/2002	G	5	GA	25	A			8/3/2001	2/15/2005		
31	2002	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	FIRST CHOICE ULTRA PRO	11656	50099	AA		0	5/30/2002	G	5	GA	25	A			8/3/2001	2/15/2005		
56	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	70	N/S BRADBURY, 144M E CRWS LDG	12801 BRADBURY	CAPTURE 2 EC-CAL	279	3114	AA		0	7/18/2003	A	3.5	GA	70	A			12/28/2001	2/15/2005		
56	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	70	N/S BRADBURY, 144M E CRWS LDG	12801 BRADBURY	DIMETHOATE 4E	51036	110	AA		0	7/18/2003	A	8.75	GA	70	A			12/28/2001	2/15/2005		
56	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	70	N/S BRADBURY, 144M E CRWS LDG	12801 BRADBURY	DU PONT ACCENT HERBICIDE	352	560	2A		0	6/13/2003	G	2.5	LB	40	A			12/28/2001	2/15/2005		
56	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	70	N/S BRADBURY, 144M E CRWS LDG	12801 BRADBURY	HASTEN	2935	50160	AA		0	6/13/2003	G	10	GA	40	A			12/28/2001	2/15/2005		
56	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	70	N/S BRADBURY, 144M E CRWS LDG	12801 BRADBURY	FIRST CHOICE ULTRA PRO	11656	50099	AA		0	6/13/2003	G	5	GA	40	A			12/28/2001	2/15/2005		
141	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	GRAMOXONE MAX	10182	280	AA		0	12/31/2003	G	28.25	GA	141	A			2/18/2000	8/4/2004		
106	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	DIREX 4L	1812	257	2A		0	12/31/2003	G	70.5	GA	141	A			2/18/2000	8/4/2004		
106	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	FIRST CHOICE BREAK-THRU	11656	50095	AA		0	12/31/2003	G	3.6	GA	141	A			2/18/2000	8/4/2004		
106	2003	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9D1	23001	ALFALFA	6	06S	09E	14	SE COR CARPENTER & TID CANAL	12801 BRADBURY	NUFOS 4E	67760	28	AA		0	3/11/2003	G	35	GA	140	A			2/18/2000	8/4/2004		
31	2004	5003752	DESOUZA, ARMELIN & JOSE	SOUSA	DAVID M.	3030 S CENTRAL	TURLOCK	CA	95380-9H1	22005	CORN FOF	32	05S	09E	25	NE COR BRADBURY & C.L. RD	12801 BRADBURY	CAPTURE 2 EC-CAL	279	3114	AA		0	5/18/2004	G	128	OZ	20	A			8/3/2001	2/15		

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	ePA pestc	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	q EPA use	u Treated	Q Treated	U/ Site Active	Site Inactive Date		
130	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	22005	CORN FOF	28	05S	09E	80 NW COR. MORGAN & HARDING		COMITE	400	104 ZA			0	7/18/2001	G	37	PT	74	A	1/21/2000	1/7/2003			
130	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C3	23001	ALFALFA	28	05S	09E	80 1/2M E/S CROWS LNGD N'S HARDIN		DIURON 4L	9779	329 AA			0	12/28/2001	G	28.3	GA	76	A	1/21/2000	1/15/2004			
11, 12	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C1	23001	ALFALFA	28	05S	09E	145 NE COR. CRWS LANDING & HARDING		DIURON 4L	9779	329 AA			0	12/23/2001	G	54	GA	144	A	1/21/2000	1/15/2004			
59	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22006	OAT FORI	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		CLEAN CROP MCP 4 AMINE HERBICIDE	62719	13 AA	34704	12/20/2001	G	9.25	GA	37	A	5/1/2001	1/15/2004					
59	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		COMITE	400	104 ZA			0	6/27/2001	G	9.25	GA	37	A	5/1/2001	1/15/2004			
165	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22006	OAT FORI	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		MILLER NU-FILM-17	72	50001 AA			0	6/27/2001	G	2	GA	37	A	5/1/2001	1/15/2004			
165	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		CLEAN CROP MCP 4 AMINE HERBICIDE	62719	13 AA	34704	12/20/2001	G	9.25	GA	37	A	5/1/2001	1/15/2004					
165	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		COMITE	400	104 ZA			0	6/27/2001	G	9.25	GA	37	A	5/1/2001	1/15/2004			
165	2001	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		MILLER NU-FILM-17	72	50001 AA			0	6/27/2001	G	2	GA	37	A	5/1/2001	1/15/2004			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	22005	CORN FOF	28	05S	09E	80 NW COR. MORGAN & HARDING		COMITE	400	104 AA			0	7/12/2002	G	19.4	GA	74	A	1/21/2000	1/7/2003			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	22005	CORN FOF	28	05S	09E	80 NW COR. MORGAN & HARDING		MILLER NU-FILM-17	72	50001 AA			0	7/12/2002	G	3.2	GA	74	A	1/21/2000	1/7/2003			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		PURSUIT W DG HERBICIDE	241	386 AA			0	11/25/2002	G	4.63	GA	74	A	1/7/2003	1/15/2004			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		BUCTRIL 4 EC HERBICIDE	264	540 AA			0	11/25/2002	G	4.63	GA	74	A	1/7/2003	1/15/2004			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		MONTEREY X-100	17545	50017 AA			0	11/25/2002	G	3.7	GA	74	A	1/7/2003	1/15/2004			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C3	23001	ALFALFA	28	05S	09E	80 1/2M E/S CROWS LNGD N'S HARDIN		FURADAN 4F INSECTICIDE-NEMATICIDE	279	2876 ZC			0	3/14/2002	G	9.3	GA	75	A	1/21/2000	1/15/2004			
11	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C3	23001	ALFALFA	28	05S	09E	80 1/2M E/S CROWS LNGD N'S HARDIN		MILLER NU-FILM-P	72	50003 AA			0	3/14/2002	G	2.5	GA	75	A	1/21/2000	1/15/2004			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	22005	CORN FOF	28	05S	09E	80 NW COR. MORGAN & HARDING		COMITE	400	104 AA			0	7/12/2002	G	19.4	GA	74	A	1/21/2000	1/7/2003			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		MILLER NU-FILM-17	72	50001 AA			0	7/12/2002	G	3.2	GA	74	A	1/21/2000	1/7/2003			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		PURSUIT W DG HERBICIDE	241	386 AA			0	11/25/2002	G	4.63	GA	74	A	1/7/2003	1/15/2004			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		BUCTRIL 4 EC HERBICIDE	264	540 AA			0	11/25/2002	G	4.63	GA	74	A	1/7/2003	1/15/2004			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		MONTEREY X-100	17545	50017 AA			0	11/25/2002	G	3.7	GA	74	A	1/7/2003	1/15/2004			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C3	23001	ALFALFA	28	05S	09E	80 1/2M E/S CROWS LNGD N'S HARDIN		FURADAN 4F INSECTICIDE-NEMATICIDE	279	2876 ZC			0	3/14/2002	G	9.3	GA	75	A	1/21/2000	1/15/2004			
130	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C3	23001	ALFALFA	28	05S	09E	80 1/2M E/S CROWS LNGD N'S HARDIN		MILLER NU-FILM-P	72	50003 AA			0	3/14/2002	G	2.5	GA	75	A	1/21/2000	1/15/2004			
11, 12	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C1	23001	ALFALFA	28	05S	09E	145 NE COR. CRWS LANDING & HARDING		FURADAN 4F INSECTICIDE-NEMATICIDE	279	2876 ZC			0	3/14/2002	G	18	GA	74	A	1/21/2000	1/15/2004			
11, 12	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C1	23001	ALFALFA	28	05S	09E	145 NE COR. CRWS LANDING & HARDING		MILLER NU-FILM-P	72	50003 AA			0	3/14/2002	G	4.8	GA	144	A	1/21/2000	1/15/2004			
59	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		DU PONT ACCENT HERBICIDE	352	560 ZA			0	6/5/2002	G	0.314	LB	7.5	A	5/1/2001	1/15/2004			
59	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		LOVELAND INDUSTRIES HERBIMAX OIL-SL	36208	50011 AA			0	6/5/2002	G	0.75	GA	7.5	A	5/1/2001	1/15/2004			
59	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		MONTEREY X-100	17545	50017 AA			0	6/5/2002	G	24	OZ	7.5	A	5/1/2001	1/15/2004			
59	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		COMITE	400	104 ZA			0	6/27/2002	G	9.25	GA	37	A	5/1/2001	1/15/2004			
59	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		MILLER NU-FILM-17	72	50001 AA			0	6/27/2002	G	185	OZ	37	A	5/1/2001	1/15/2004			
165	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		DU PONT ACCENT HERBICIDE	352	560 ZA			0	6/5/2002	G	0.314	LB	7.5	A	5/1/2001	1/15/2004			
165	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		LOVELAND INDUSTRIES HERBIMAX OIL-SL	36208	50011 AA			0	6/5/2002	G	0.75	GA	7.5	A	5/1/2001	1/15/2004			
165	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		MONTEREY X-100	17545	50017 AA			0	6/5/2002	G	24	OZ	7.5	A	5/1/2001	1/15/2004			
165	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		COMITE	400	104 ZA			0	6/27/2002	G	9.25	GA	37	A	5/1/2001	1/15/2004			
165	2002	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		MILLER NU-FILM-17	72	50001 AA			0	6/27/2002	G	185	OZ	37	A	5/1/2001	1/15/2004			
11	2003	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2	23001	ALFALFA	28	05S	09E	80 NW COR. MORGAN & HARDING		PERMA-UP 3.2 EC INSECTICIDE	7056	9 AA			0	8/24/2003	G	2	GA	75	A	1/7/2003	1/15/2004			
11	2003	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307 C2																								

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	u	Used	Q	Treated	U	Site Active	Site Inactive Date
11, 12	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	C1	22005	CORN FOF	28	05S	09E	145 NE COR. CRWS LANDING & HARDING		BIFENTURE EC	70506	58	AA	0	7/26/2006	G	3.2	GA	64	A	1/21/2000			
11, 12	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	C1	22005	CORN FOF	28	05S	09E	145 NE COR. CRWS LANDING & HARDING		DREXEL DIMETHOATE 4EC	19713	231	AA	0	7/26/2006	G	64	PT	64	A	1/21/2000			
11, 12	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	C1	22005	CORN FOF	28	05S	09E	145 NE COR. CRWS LANDING & HARDING		ULTRA 90-NF	17545	50021	AA	0	7/26/2006	G	11.5	PT	64	A	1/21/2000			
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		BIFENTURE EC	70506	58	AA	0	7/7/2006	G	18	PT	37	A	5/1/2001	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		DREXEL DIMETHOATE 4EC	19713	231	AA	0	7/7/2006	G	37	PT	37	A	5/1/2001	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		ULTRA 90-NF	17545	50021	AA	0	7/7/2006	G	8	PT	37	A	5/1/2001	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22006	OAT FORI	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		SHARK HERBICIDE	279	3194	AA	0	1/18/2006	G	11.8	OZ	18	A	1/21/2000	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22006	OAT FORI	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		NUFARM RHOMENE MCPA BROADLEAF HE	228	143	AA	71968	1/18/2006	G	18	PT	18	A	1/21/2000	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22006	OAT FORI	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		ULTRA 90-NF	17545	50021	AA	0	1/18/2006	G	11.5	OZ	18	A	1/21/2000	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		CLARITY HERBICIDE	7969	137	AA	0	6/27/2006	G	2.3	GA	37	A	5/1/2001	1/15/2004		
165	2006	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	A8	22005	CORN FOF	9	05S	09E	40 SE EL KATRINA LANE & BYSTROM		ULTRA 90-NF	17545	50021	AA	0	6/27/2006	G	1.8	GA	37	A	5/1/2001	1/15/2004		
11	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C2	23001	ALFALFA	28	05S	09E	80	NW COR. MORGAN & HARDING		WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA	0	3/14/2007	G	307	2	OZ	80	A	1/15/2004	10/16/2007
11	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C2	23001	ALFALFA	28	05S	09E	80	NW COR. MORGAN & HARDING		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005	AA	0	3/14/2007	G	80	PT	80	A	1/15/2004	10/16/2007	
11	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C2	23001	ALFALFA	28	05S	09E	80	NW COR. MORGAN & HARDING		WESTLINK AG SPREADER BUFFER	1051117	50002	AA	0	3/14/2007	G	256	OZ	80	A	1/15/2004	10/16/2007	
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C4	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDING		DUPONT STEADFAST HERBICIDE	352	608	AA	0	7/1/2007	G	30	OZ	40	A	1/15/2004		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C4	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDING		YUKON HERBICIDE	81880	6	AA	10163	7/1/2007	G	240	OZ	40	A	1/15/2004		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C4	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDING		PRO C.O.C.	71058	50003	AA	0	7/1/2007	G	8	GA	40	A	1/15/2004		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C4	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDING		DISCIPLINE CA	5481	517	AA	0	7/22/2007	G	2	GA	40	A	1/15/2004		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C4	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDING		DREXEL DIMETHOATE 4EC	19713	231	AA	0	7/22/2007	G	40	PT	40	A	1/15/2004		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C4	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDING		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	40	A	1/15/2004		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		DISCIPLINE CA	5481	517	AA	0	7/22/2007	G	1.9	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		DREXEL DIMETHOATE 4EC	19713	231	AA	0	7/22/2007	G	38	PT	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO 90	71058	50002	AA	0	7/22/2007	G	1	GA	38	A	1/18/2007		
129	2007	5003772	EL KATRINA DAIRY	ALVERNAZ	MANUEL	501 EL KATRINA LANE	CERES	CA	95307	3828C7	22005	CORN FOF	28	05S	09E	40	1/2M E/S CROWS LNDG N/S HARDIN		PRO													

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	EPA use u	Treated Q	Treated U	Site Active	Site Inactive Date
4S, 9E, 2	2002	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	2, 4-D AMINE 4 HERBICIDE	42750	19 AA		0	5/3/2002	G			0.68	GA	10	A	1/7/2000	
4S, 9E, 2	2002	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	GOAL 2XL HERBICIDE	707	243 AA		0	5/3/2002	G			0.68	GA	10	A	1/7/2000	
4S, 9E, 2	2002	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	SOLICAM DF HERBICIDE	100	849 AA		0	5/3/2002	G			5.45	LB	10	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	KOOCIDE 101	1812	288 AA		0	2/3/2003	G			300	LB	30	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	VALENT VOLT CK SUPREME SPRAY	59639	20 AA		0	2/3/2003	G			150	GA	30	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	GLY-4 HERBICIDE	4787	31 AA		0	6/10/2003	G	72693		0.91	GA	5	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	ORCHARD STAR	42750	19 ZA		0	6/10/2003	G			0.68	GA	5	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	SURFLAN A.S.	62719	112 AA		0	6/10/2003	G			1.36	GA	5	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	RNA TRI-AD 73	1050990	50011 AA		0	6/10/2003	G			0.11	GA	5	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	GLY-4 HERBICIDE	4787	31 AA		0	6/23/2003	G	72693		1.6	GA	10	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	ORCHARD STAR	42750	19 ZA		0	6/23/2003	G			1.2	GA	10	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	SURFLAN A.S.	62719	112 AA		0	6/23/2003	G			2.12	GA	10	A	1/7/2000	
4S, 9E, 2	2003	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	RNA TRI-AD 73	1050990	50011 AA		0	6/23/2003	G			0.2	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	GLY-4 HERBICIDE	4787	31 AA		0	4/20/2004	G	72693		1.82	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	ORCHARD STAR	42750	19 ZA		0	4/20/2004	G			1.36	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	FARMSAVER.COM ORYZALIN 4 A.S.	72167	17 AA		0	4/20/2004	G	73220		3.64	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9A1	3001	ALMOND	21 04S	09E	30 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING ROAD	RNA TRI-AD 73	1050990	50011 AA		0	4/20/2004	G			0.23	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	SOLICAM DF HERBICIDE	100	849 AA		0	4/22/2004	G			1.8	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	GLY-4 HERBICIDE	4787	31 AA		0	4/22/2004	G	72693		1.6	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	SIM-TROL 4L	35915	11 AA		0	4/22/2004	G	60063		0.8	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	ORCHARD STAR	42750	19 ZA		0	4/22/2004	G			1.2	GA	10	A	1/7/2000	
4S, 9E, 2	2004	5004215	FABELA, JOE	FABELA	JOE	2323 TURNER	CERES	CA	95307-9B2	3009	WALNUT	21 04S	09E	10 W / CLDG RD 1/2 MI S/SERVICE	4307 CROWS LANDING RD	RNA TRI-AD 73	1050990	50011 AA		0	4/22/2004	G			0.2	GA	10	A	1/7/2000	
46	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	RNA BUPHER	1050990	50015 AA		0	3/21/2001	G			1.63	GA	65	A	1/1/2000	10/3/2003
46	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	IMIDAN 70-WP	10163	169 AA		0	3/21/2001	G			2.25	GA	65	A	1/1/2000	10/3/2003
46	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	LORSBAN 4E-HF	62719	220 AA		0	3/21/2001	G			8.13	GA	65	A	1/1/2000	10/3/2003
46	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	TREFLAN TR-10	62719	131 AA		0	5/14/2001	G			1300	LB	65	A	1/1/2000	10/3/2003
4S, 9E, 2	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9B1	22005	CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	30 NW COR GRAYSON AND MORGAN	COMITE	400	104 AA		0	7/14/2001	A			7.5	GA	30	A	1/1/2000	1/8/2004
4S, 9E, 2	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9B2	22005	CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	45 NW COR. GRAYSON & MORGAN	COMITE	400	104 AA		0	7/14/2001	A			11.25	GA	45	A	1/1/2000	1/8/2004
4S, 9E, 2	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9B3	22005	CORN FOF	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	30 1/2M N/S GRAYSON E/S RN PS RR	COMITE	400	104 AA		0	7/14/2001	A			7.5	GA	30	A	1/1/2000	1/8/2004
4S, 9E, 2	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9A1	22005	CORN FOF	21 04S	09E	93 NW COR. MORGAN & TID LAT #2	93 NW COR. MORGAN & TID LAT #2	COMITE	400	104 AA		0	7/20/2001	A			23.25	GA	90	A	1/1/2000	1/8/2004
4S, 9E, 2	2001	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	DIREX 4L	1812	257 ZA		0	1/25/2002	G			18.6	GA	62	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	GRAMOXONE EXTRA HERBICIDE	10182	280 AA		0	1/28/2002	G			11.63	GA	62	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	GRAMOXONE EXTRA HERBICIDE	10182	280 AA		0	1/25/2002	G			11.63	GA	62	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	DIREX 4L	1812	257 ZA		0	1/25/2002	G			18.6	GA	62	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	MSC CONCENTRATE METHYLATED SEED	36208	50027 AA		0	1/25/2002	G			7.75	GA	62	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	FERTI-BUFFER	1051069	50001 AA		0	3/19/2002	G			2.03	GA	65	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001	ALFALFA	28 04S	09E	65 SW COR MORGAN AND GRAYSON	65 SW COR MORGAN AND GRAYSON	LORSBAN 4E-HF	62719	220 AA		0	3/19/2002	G			8.13	GA	65	A	1/1/2000	10/3/2003
46	2002	5004459	G & B FARMS	MARCHY	GARY	943 E GRAYSON RD	CERES	CA	95307-9C1	23001																				

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	EPA use u	Treated Q	Treated U	Site Active	Site Inactive	Date
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		CAPTURE 2 EC-CAL	279	3114 AA	0	7/16/2005	G	1.2	GA	30	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		DIMETHOATE 4E (WITHDRAWN)	51036	110 ZA	5905	7/16/2005	G	3.75	GA	30	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		RNA BUPHER	1050990	50015 AA	0	7/16/2005	G	0.75	GA	30	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		MSC CONCENTRATE METHYLATED SEED	36208	50027 AA	0	7/16/2005	G	0.37	GA	30	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		DIMETHOATE 4E (WITHDRAWN)	51036	110 ZA	5905	7/16/2005	G	4.75	GA	38	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		RNA BUPHER	1050990	50015 AA	0	7/16/2005	G	0.85	GA	38	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B1	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		MSC CONCENTRATE METHYLATED SEED	36208	50027 AA	0	7/16/2005	G	0.47	GA	38	A	1/1/2000						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B3	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		LOCK-ON INSECTICIDE	62719	79 AA	0	8/12/2005	A	7.5	GA	30	A	1/8/2004						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B3	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		RNA BUFFER-ACTIVATOR	1050990	50003 AA	0	12/14/2005	G	1.5	GA	30	A	1/8/2004						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B3	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		GRAMOXONE MAX	100	1074 ZA	0	12/14/2005	G	3.75	GA	30	A	1/8/2004						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B3	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		DU PONT VELPAR L HERBICIDE	352	392 ZA	0	12/14/2005	G	7.5	GA	30	A	1/8/2004						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B3	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		SENSOR OF 75% DRY FLOWABLE HERBICI	254	738 AA	0	12/14/2005	G	6.0	GA	30	A	1/8/2004						
4S, 9E, 2	2005	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B3	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		CLEAN CROP TRIFLURALIN 10G	34704	790 AA	0	5/24/2005	G	600	LB	30	A	1/8/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22005 CORN FOF	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		BIFENTURE EC	70506	58 AA	0	7/1/2006	A	3.25	GA	65	A	7/13/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22005 CORN FOF	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		GOWAN DIMETHOATE E267	10163	56 ZA	0	7/1/2006	A	12.19	GA	65	A	7/13/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22005 CORN FOF	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		RNA BUPHER	1050990	50015 AA	0	7/1/2006	A	1.63	GA	65	A	7/13/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22005 CORN FOF	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		RNA ACTIVATOR 85	1050990	50016 AA	0	7/1/2006	A	1.63	GA	65	A	7/13/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22006 OAT FORI	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		SHARK HERBICIDE	279	3194 AA	0	1/30/2006	G	65	OZ	65	A	1/8/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22006 OAT FORI	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		CLARITY HERBICIDE	7969	137 AA	0	1/30/2006	G	162.5	OZ	65	A	1/8/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22006 OAT FORI	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		RNA ACTIVATOR 85	1050990	50016 AA	0	1/30/2006	G	26	PT	65	A	1/8/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22006 OAT FORI	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71368	1/30/2006	G	481	OZ	65	A	1/8/2004						
46	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92928C1	22005 CORN FOF	28 04S	09E	65 SW COR MORGAN AND GRAYSON	GWPA		DUAL MAGNUM HERBICIDE	100	816 ZA	0	5/20/2006	G	86.45	PT	65	A	7/13/2004						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		BIFENTURE EC	70506	58 AA	0	7/1/2006	A	2.25	GA	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		GOWAN DIMETHOATE E267	10163	56 ZA	0	7/1/2006	A	8.44	GA	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		RNA BUPHER	1050990	50015 AA	0	7/1/2006	A	1.13	GA	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		RNA ACTIVATOR 85	1050990	50016 AA	0	7/1/2006	A	1.13	GA	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		BIFENTURE EC	70506	58 AA	0	7/1/2006	A	1.5	GA	30	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		GOWAN DIMETHOATE E267	10163	56 ZA	0	7/1/2006	A	5.63	GA	30	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		RNA BUPHER	1050990	50015 AA	0	7/1/2006	A	0.75	GA	30	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		RNA ACTIVATOR 85	1050990	50016 AA	0	7/1/2006	A	0.75	GA	30	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	23001 ALFALFA	21 04S	09E	30 1/2M N/S GRAYSON E/S RN PS RR	GWPA		LOCK-ON INSECTICIDE	62719	79 AA	0	9/16/2006	G	7.5	GA	30	A	1/8/2004						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22006 OAT FORI	28 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		SHARK HERBICIDE	279	3194 AA	0	1/30/2006	G	45	OZ	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22006 OAT FORI	28 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		CLARITY HERBICIDE	7969	137 AA	0	1/30/2006	G	112.5	OZ	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22006 OAT FORI	28 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		RNA ACTIVATOR 85	1050990	50016 AA	0	1/30/2006	G	18	PT	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22006 OAT FORI	28 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71368	1/30/2006	G	333	OZ	45	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22005 CORN FOF	21 04S	09E	30 NW COR GRAYSON AND MORGAN	GWPA		SHARK HERBICIDE	279	3194 AA	0	1/30/2006	G	3194	AA	30	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22006 OAT FORI	28 04S	09E	45 NW COR. GRAYSON & MORGAN	GWPA		CLARITY HERBICIDE	7969	137 AA	0	1/30/2006	G	75	OZ	30	A	1/1/2000						
4S, 9E, 2	2006	5004459 G & B FARMS	MARCHY GARY	MARCHY GARY	943 E GRAYSON RD	CERES	CA	95307-92921B2	22006 OAT FORI	28 04S	09E	30 NW COR GRAYSON AND MORG																			

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	EPA use U	Treated Q	Site Active	Site Inactive Date	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		DIREX 4L	1812	257 AA			0	2/5/2003	G		10 PT	4 A	1/23/2003	12/6/2004	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	3/3/2003	G		24 OZ	6 A	1/10/2000	12/6/2004	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005 AA			0	3/3/2003	G		6 PT	6 A	1/10/2000	12/6/2004	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA			0	3/3/2003	G		24 OZ	6 A	1/10/2000	12/6/2004	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA			0	3/3/2003	G		16 OZ	4 A	1/23/2003	12/6/2004	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005 AA			0	3/3/2003	G		4 PT	4 A	1/23/2003	12/6/2004	
170	2003	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA			0	3/3/2003	G		16 OZ	4 A	1/23/2003	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		EPTAM 7-E SELECTIVE HERBICIDE	10182	220 AA			0	10/14/2004	G		1 GA	4 A	1/23/2003	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		BALAN D-F	34704	746 AA			0	10/14/2004	G		8 LB	4 A	1/23/2003	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		DU PONT VELPAR L WEED KILLER	352	392 AA			0	1/14/2004	G		12 PT	3 A	1/10/2000	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		DIREX 4L	1812	257 AA			0	1/14/2004	G		12 PT	3 A	1/10/2000	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		RNA ACTIVATOR 85	1050990	50016 AA			0	1/14/2004	G		352	392 AA	4 A	12/6/2004	12/12/2005
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		DU PONT VELPAR L WEED KILLER	352	392 AA			0	1/14/2004	G		16 PT	8 A	1/23/2003	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		DIREX 4L	1812	257 AA			0	1/14/2004	G		16 PT	8 A	1/23/2003	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		RNA ACTIVATOR 85	1050990	50016 AA			0	1/14/2004	G		64 OZ	8 A	1/23/2003	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		GRAMOXONE MAX	100	1074 AA			0	1/24/2004	G		2 PT	4 A	12/6/2004	12/12/2005	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		DU PONT VELPAR L WEED KILLER	352	392 AA			0	1/24/2004	G		3 PT	4 A	12/6/2004	12/12/2005	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		8 1236 E. TAYLOR		RNA ACTIVATOR 85	1050990	50016 AA			0	1/24/2004	G		352	392 AA	4 A	12/6/2004	12/12/2005
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B2	22005	CORN FOI	4 05S	09E		10 1236 E. TAYLOR		DU PONT ACCENT SP HERBICIDE	352	560 AA			0	6/9/2004	G		6.2 OZ	10 A	5/1/2001	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B2	22005	CORN FOI	4 05S	09E		10 1236 E. TAYLOR		YUKON HERBICIDE	33906	11 AA		524	6/9/2004	G		5.2 OZ	10 A	5/1/2001	12/6/2004		
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B2	22005	CORN FOI	4 05S	09E		10 1236 E. TAYLOR		RNA ACTIVATOR 85	1050990	50016 AA			0	6/9/2004	G		80 OZ	10 A	5/1/2001	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B3	22005	CORN FOI	4 05S	09E		7 1236 E. TAYLOR		DU PONT ACCENT SP HERBICIDE	352	560 AA			0	6/9/2004	G		4.7 OZ	7 A	12/12/2001	12/6/2004	
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B3	22005	CORN FOI	4 05S	09E		7 1236 E. TAYLOR		YUKON HERBICIDE	33906	11 AA		524	6/9/2004	G		36.4 OZ	7 A	12/12/2001	12/6/2004		
170	2004	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B3	22005	CORN FOI	4 05S	09E		7 1236 E. TAYLOR		RNA ACTIVATOR 85	1050990	50016 AA			0	6/9/2004	G		58 OZ	7 A	12/12/2001	12/6/2004	
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/21/2005	G		25.6 OZ	4 A	1/10/2000	12/6/2004	
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		GRAMOXONE MAX	100	1074 AA			0	12/21/2005	G		4 PT	4 A	1/10/2000	12/6/2004	
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/21/2005	G		6 PT	4 A	1/10/2000	12/6/2004	
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B1	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		SENCOR SPRAYLUE	3125	325 AA			0	12/21/2005	G		2.64 LB	4 A	1/10/2000	12/6/2004	
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/21/2005	G		25.6 OZ	4 A	12/12/2004		
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		GRAMOXONE MAX	100	1074 AA			0	12/21/2005	G		4 PT	4 A	12/12/2004		
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/21/2005	G		4 PT	4 A	12/12/2004		
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		SENCOR SPRAYLUE	3125	325 AA			0	12/21/2005	G		6.24 LB	4 A	12/12/2004		
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		GLY-4 PLUS HERBICIDE	4787	23 AA		72693	6/8/2005	G		1.5 GA	6 A	12/6/2004	12/12/2005		
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		YUKON HERBICIDE	33906	11 AA		524	6/8/2005	G		3.2 OZ	6 A	12/6/2004	12/12/2005		
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		6 1236 E. TAYLOR		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	6/8/2005	G		0.003 GA	6 A	12/6/2004	12/12/2005	
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		9 1236 E. TAYLOR		GLY-4 PLUS HERBICIDE	4787	23 AA		72693	6/8/2005	G		2.25 GA	9 A	12/6/2004			
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		9 1236 E. TAYLOR		YUKON HERBICIDE	33906	11 AA		524	6/8/2005	G		9.9 OZ	9 A	12/12/2004			
170	2005	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		9 1236 E. TAYLOR		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	6/8/2005	G		0.0045 GA	9 A	12/6/2004		
170	2006	5003422	GERMANN, ANDY	GERMANN	ANDY	1236 E TAYLOR RD	CERES	CA	95307-9 B4	23001	ALFALFA	4 05S	09E		4 1236 E. TAYLOR		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/27/2006	G		0.2 GA	4 A			

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use g	EPA use u	Treated Q	Site Active	Site Inactive Date
137	2004	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	NUFOS 4E	67760	28 AA	0	3/11/2004	G			20 PT	40 A	1/4/2001	5/26/2006		
135	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	FERTI-BUFFER	1051069	50001 AA	0	7/19/2005	G			0.36 GA	40 A	1/4/2001			
135	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	PRISM HERBICIDE	59639	78 AA	0	7/19/2005	G			2.81 GA	15 A	1/4/2001			
135	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	RNA CROP OIL CONCENTRATE 1915	1050990	50012 AA	0	7/19/2005	G			3.75 GA	15 A	1/4/2001			
135	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	GRAMOXONE MAX	100	1074 AA	0	1/17/2005	G			2.05 GA	15 A	1/4/2001			
135	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	DU POINT VELPAR L HERBICIDE	352	392 ZA	0	1/17/2005	G			1.49 GA	15 A	1/4/2001			
135	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	RNA ACTIVATOR 85	1050990	50016 AA	0	1/17/2005	G			0.56 GA	15 A	1/4/2001			
137	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	FERTI-BUFFER	1051069	50001 AA	0	7/19/2005	G			1 GA	40 A	1/4/2001	5/26/2006		
137	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	PRISM HERBICIDE	59639	78 AA	0	7/19/2005	G			7.5 GA	40 A	1/4/2001	5/26/2006		
137	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	RNA CROP OIL CONCENTRATE 1915	1050990	50012 AA	0	7/19/2005	G			10 GA	40 A	1/4/2001	5/26/2006		
137	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	GRAMOXONE MAX	100	1074 AA	0	1/17/2005	G			5.45 GA	40 A	1/4/2001	5/26/2006		
137	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	DU POINT VELPAR L HERBICIDE	352	392 ZA	0	1/17/2005	G			12 GA	40 A	1/4/2001	5/26/2006		
137	2005	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	RNA ACTIVATOR 85	1050990	50016 AA	0	1/17/2005	G			1.5 GA	40 A	1/4/2001	5/26/2006		
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	NUFOS 4E	67760	28 AA	0	9/20/2006	A			32 OZ	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA	0	9/20/2006	A			8.53 OZ	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	RAPTOR HERBICIDE	241	379 AA	0	12/23/2006	G			0.12 GA	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	BUTYRAC 200	42750	3800 AA	0	12/23/2006	G			4.88 GA	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	RNA BUFFER-ACTIVATOR	1050990	50003 AA	0	11/23/2006	G			0.75 GA	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	RNA BUFFER-ACTIVATOR	1050990	50003 AA	0	11/23/2006	G			0.38 GA	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	GRAMOXONE MAX	100	1074 AA	0	11/20/2006	G			2.34 GA	15 A	1/4/2001			
135	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	15 11818 FULKERTH RD	GWPA	SENCOR DF 75% DRY FLOWABLE HERBICI	264	738 AA	0	11/20/2006	G			9.9 LB	15 A	1/4/2001			
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	22005	CORN FOI	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	COMITE	400	104 ZA	0	7/5/2006	G			10 GA	40 A	5/26/2006			
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	22006	OAT FORI	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	SHARK EW	279	3242 AA	0	12/23/2006	G			1.25 OT	40 A	5/26/2006			
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	22006	OAT FORI	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	0	12/23/2006	G	71988	12/23/2006	5.26/2006	40 A	5/26/2006			
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	22006	OAT FORI	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	RNA BUFFER-ACTIVATOR	1050990	50003 AA	0	12/23/2006	G			0.5 GA	40 A	5/26/2006			
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	RNA BUFFER-ACTIVATOR	1050990	50003 AA	0	1/9/2006	G			1 GA	40 A	1/4/2001	5/26/2006		
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	GRAMOXONE MAX	100	1074 AA	0	1/9/2006	G			5 GA	40 A	1/4/2001	5/26/2006		
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	DU POINT VELPAR L HERBICIDE	352	392 ZA	0	1/9/2006	G			10 GA	40 A	1/4/2001	5/26/2006		
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	SENCOR DF 75% DRY FLOWABLE HERBICI	264	738 AA	0	1/9/2006	G			26.1 LB	40 A	1/4/2001	5/26/2006		
137	2006	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	23001	ALFALFA	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	DUAL MAGNUM HERBICIDE	100	816 AA	0	5/30/2006	G			66.8 PT	40 A	5/26/2006			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112 AA	0	5/30/2007	G			15.33 OZ	15 A	1/2/2007			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	RNA METHOXYLATED OIL	1050990	50023 AA	0	9/5/2007	G			4.5 GA	18 A	1/1/2007			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	RAPTOR HERBICIDE	241	379 AA	0	9/5/2007	G			0.84 GA	18 A	1/1/2007			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	SELECT MAX HERBICIDE WITH INSIDE TEC	59639	132 AA	0	9/5/2007	G			3.38 GA	18 A	1/1/2007			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	RNA BUFFER-ACTIVATOR	1050990	50003 AA	0	3/12/2007	G			0.38 GA	15 A	1/1/2007			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	WARRIOR T INSECTICIDE	10182	434 AA	0	3/12/2007	G			0.45 GA	15 A	1/1/2007			
135	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A1	23001	ALFALFA	16 05S	09E	18 11818 FULKERTH RD	GWPA	RNA CROP OIL CONCENTRATE 1915	1050990	50012 AA	0	3/12/2007	G			13.32 OZ	40 A	1/1/2007			
137	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	22005	CORN FOI	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA	0	7/17/2007	G			2.62 GA	40 A	1/1/2007			
137	2007	5003365	GIOLETTI, RONNIE	GIOLETTI	RONNIE	11818 FULKERTH ROAD	TURLOCK	CA	95380-93816A2	22005	CORN FOI	16 05S	09E	40 SW COR. OF BYSTRUM & FULKERTH	GWPA	WESTLINK AG SPREADER BUFFER	1051117	50002 AA	0	7/17/2007	G			0.97 GA					

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	EPA use U	Treated Q	U/ Site	Active	Inactive Date
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ZIRAM 76DF FUNGICIDE	4581	140	ZB			0	3/2/2003	G		180	LB	30	A	1/1/2000
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA			0	3/2/2003	G		240	OZ	30	A	1/1/2000
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SOLICAM DF HERBICIDE	100	849	ZC			0	6/7/2003	G		30	LB	30	A	1/1/2000
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ROUNDUP ULTRAMAX HERBICIDE	524	512	AA			0	6/7/2003	G		9	GA	30	A	1/1/2000
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		GORDON'S ORCHARD MASTER BROADLEAF	2217	703	ZA			0	6/7/2003	G		3.75	GA	30	A	1/1/2000
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		GOAL2XL	62719	454	AA			0	6/7/2003	G		1.17	GA	30	A	1/1/2000
71, 73	2003	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA TRI-AD 73	1050990	50011	AA			0	6/7/2003	G		1.5	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		LORSBAN-4E	62719	220	ZA			0	7/8/2004	G		15	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		APOLLO 42% OVICIDE/MITICIDE	66222	47	ZA			0	7/8/2004	G		1.5	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA HERBICIDE SPREADER	1050990	50001	AA			0	7/8/2004	G		7.5	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA			0	7/8/2004	G		1.5	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SYLGARD 309	2935	50161	AA			0	10/31/2004	G		45	OZ	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		PRINCEP 4L	100	526	ZB			0	12/20/2004	G		4.14	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ROUNDUP ORIGINAL MAX HERBICIDE	524	539	AA			0	12/20/2004	G		4.14	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		CAYUSE PLUS	2935	50171	AA			0	12/20/2004	G		1.66	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		GOAL2XL	62719	424	AA			0	12/20/2004	G		8.26	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SURFLAN A.S. AGRICULTURAL HERBICIDE	70506	43	AA			0	12/20/2004	G		12.41	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SOLICAM DF HERBICIDE	100	849	ZC			0	3/11/2005	G		3.75	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA SI 100	1050990	50022	AA			0	2/18/2004	G		45	OZ	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 3804A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ROVRAL 4 FLOWABLE	264	482	AA			0	2/20/2004	G		30	PT	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 3804A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA SI 100	1050990	50022	AA			0	2/20/2004	G		45	OZ	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 3804A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		PRISTINE FUNGICIDE	7969	199	AA			0	3/5/2004	G		315	OZ	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 3804A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA			0	3/5/2004	G		24	PT	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SOLICAM DF HERBICIDE	100	849	ZC			0	6/11/2004	G		9	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ROUNDUP ULTRAMAX HERBICIDE	524	512	AA			0	6/11/2004	G		9	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ORCHARD STAR	42750	19	ZA			0	6/11/2004	G		3.75	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		GOAL2XL	62719	424	AA			0	6/11/2004	G		1.17	GA	30	A	1/1/2000
71, 73	2004	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		RNA TRI-AD 73	1050990	50011	AA			0	6/11/2004	G		3	GA	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SYL-TAC	2935	50167	AA			0	7/14/2005	G		3.75	GA	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		VENDEX 50WP	1812	413	AA			0	7/14/2005	G		60	LB	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		LORSBAN-4E	62719	220	ZA			0	7/11/2005	G		15	GA	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		CAYUSE PLUS	2935	50171	AA			0	12/27/2005	G		8.73	PT	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		ROUNDUP ORIGINAL MAX HERBICIDE	524	539	AA			0	12/27/2005	G		27.27	PT	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		GOAL2XL	62719	424	AA			0	12/27/2005	G		65.45	PT	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SURFLAN A.S. AGRICULTURAL HERBICIDE	70506	43	AA			0	12/27/2005	G		65.45	PT	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		VANGARD WG	100	828	AA			0	2/16/2005	G		9.3	LB	30	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		SYLGARD 309	2935	50161	AA			0	2/19/2005	G		80	OZ	20	A	1/1/2000
71, 73	2005	5006173	HARKRADER, ROBERT	HARKRADER	ROBERT	737 E. MONTE VISTA	CERES	CA	95207 A1	3001	ALMOND	4 05S	09E			30 737 E. MONTE VISTA		PRISTINE FUNGICIDE	7969	199	AA			0	2/19/2005	A		280	OZ	20	A	1/1/2000
71, 73																																

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	q EPA use	u Treated Q	Treated U	Site Active	Site Inactive Date
95	2002	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	23001	ALFALFA	5 06S	09E		70 SW BRADBURY & CROWS LANDING	RIVER RANCH	FURADAN 4F INSECTICIDE-NEMATOCIDE	279	2876	2C		0	3/14/2002	G	8.15 GA	70 A	1/4/2000	1/23/2004		
95	2002	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	23001	ALFALFA	5 06S	09E		70 SW BRADBURY & CROWS LANDING	RIVER RANCH	MILLER NU-FILM-P	72	5003	AA		0	3/14/2002	G	2.3 GA	70 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	PERM-UP 3.2 EC INSECTICIDE	70506	9	AA		0	8/26/2003	G	8 GA	255 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DIREX 4L	1812	257	2A		0	12/12/2003	G	96 GA	255 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	GRAMOXONE EXTRA HERBICIDE	10182	280	AA		0	12/12/2003	G	48 GA	255 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	ULTRA 90-NF	17545	50021	AA		0	12/12/2003	G	50021 AA	255 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DU PONT VELPAR L HERBICIDE	352	392	2A		0	1/19/2003	G	38.5 GA	155 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DREXEL DIURON 4L HERBICIDE	19713	36	AA		0	1/19/2003	G	38.75 GA	155 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DU PONT VELPAR L HERBICIDE	352	392	2A		0	1/20/2003	G	24.25 GA	97 A	1/4/2000	1/23/2004		
27	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA		0	3/8/2003	G	7.6 GA	255 A	1/4/2000	1/23/2004		
35	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 BR1	23001	ALFALFA	5 06S	09E		32 SE CROWSLANDING & BRADBURY	BRAZIL RANCH	GRAMOXONE MAX	100	1074	AA		0	1/18/2003	G	5.2 GA	32 A	1/4/2000	1/23/2004		
35	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 BR1	23001	ALFALFA	5 06S	09E		32 SE CROWSLANDING & BRADBURY	BRAZIL RANCH	MONTEREY X-100	17545	50017	AA		0	1/18/2003	G	11.3 GA	70 A	1/4/2000	1/23/2004		
35	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 BR1	23001	ALFALFA	5 06S	09E		32 SE CROWSLANDING & BRADBURY	BRAZIL RANCH	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA		0	3/8/2003	G	0.95 GA	32 A	1/4/2000	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING		DU PONT ACCENT HERBICIDE	352	560	2A		0	7/4/2003	G	0.63 LB	15 A	6/16/2003	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING		ULTRA 90-NF	17545	50001	AA		0	7/4/2003	G	0.6 GA	15 A	6/16/2003	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING		MILLER NU-FILM-17	72	50021	AA		0	7/31/2003	G	4 GA	75 A	6/16/2003	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING		COMITE	400	104	2A		0	7/31/2003	G	20 GA	75 A	6/16/2003	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING	RIVER RANCH	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA		0	3/11/2004	G	7.57 GA	255 A	1/4/2000	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING	RIVER RANCH	GRAMOXONE MAX	17545	50017	AA		0	1/18/2003	G	3.5 GA	70 A	1/4/2000	1/23/2004		
95	2003	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING	RIVER RANCH	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA		0	3/8/2003	G	2 GA	70 A	1/4/2000	1/23/2004		
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	GRAMOXONE MAX	100	1074	AA		0	12/19/2004	G	2 GA	155 A	1/4/2000	1/23/2004		
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	ULTRA 90-NF	17545	50021	AA		0	12/19/2004	G	5 GA	155 A	1/4/2000	1/23/2004		
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DREXEL DIURON 4L HERBICIDE	19713	36	AA		0	12/19/2004	G	39 GA	155 A	1/4/2000	1/23/2004		
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH FLOOD	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA		0	12/22/2004	G	1.5 GA	32 A	1/4/2000	1/23/2004		
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH FLOOD	TREFLAN TR-10	62719	131	AA		0	4/22/2004	G	3160 LB	158 A	1/23/2004			
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH FLOOD	POAST	7969	58	AA		51036	6/17/2004	G	12.5 GA	33 A	1/23/2004			
27	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH FLOOD	MSO CONCENTRATE METHYLATED SEED	36208	50021	AA		0	6/17/2004	G	7.5 GA	33 A	1/23/2004			
35	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 4305BR1	22005	CORN FOI	5 06S	09E		32 SE CROWSLANDING & BRADBURY	BRAZIL RANCH	MILLER NU-FILM-17	72	50001	AA		0	6/24/2004	G	1.5 GA	32 A	1/28/2004	11/14/2005		
35	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 4305BR1	22005	CORN FOI	5 06S	09E		32 SE CROWSLANDING & BRADBURY	BRAZIL RANCH	COMITE	400	104	2A		0	6/24/2004	G	8 GA	32 A	1/28/2004	11/14/2005		
95	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING		MILLER NU-FILM-17	72	50001	AA		0	6/24/2004	G	3.5 GA	75 A	6/16/2003	1/23/2004		
95	2004	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 R1	22005	CORN FOI	5 06S	09E		75 SW BRADBURY & CROWS LANDING		COMITE	400	104	2A		0	6/24/2004	G	18.75 GA	75 A	6/16/2003	1/23/2004		
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 3831S1	22005	CORN FOI	31 05S	09E		100 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	COMITE	400	104	2A		0	7/6/2005	G	30.3 GA	97 A	2/4/2005			
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 T1	23001	ALFALFA	31 05S	09E		255 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DU PONT VELPAR L HERBICIDE	352	392	2A		0	12/29/2005	G	80 GA	160 A	1/4/2000			
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 3831T1	23001	ALFALFA	31 05S	09E		155 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH FLOOD	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA		0	3/4/2005	G	4.6 GA	155 A	1/23/2004			
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 3831T1	23001	ALFALFA	31 05S	09E		155 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH FLOOD	TREFLAN TR-10	62719	131	AA		0	4/19/2005	G	3100 LB	155 A	1/23/2004			
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 3831S1	22005	CORN FOI	31 05S	09E		100 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	DUPONT STEADFAST HERBICIDE	352	608	AA		0	6/15/2005	G	4.5 LB	97 A	2/4/2005			
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 3831S1	22005	CORN FOI	31 05S	09E		100 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	ULTRA 90-NF	17545	50001	AA		0	11/13/2005	G	37 GA	97 A	2/4/2005			
27	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 3831S1	22005	CORN FOI	31 05S	09E		100 E/S CARPNTR BT HARDING & BRDBY	TALLOW WORKS RANCH	YUKON HERBICIDE	33906	11	AA		524	6/15/2005	G	38.38 LB	97 A	2/4/2005			
35	2005	5004230	HAYES RANCH	HAYES	LUCAS	P.O. BOX 1183	WATERFORD	CA	95386 4305BR1	22005	CORN FOI	5 06S	09E		32 SE CROWSLANDING & BRADBURY	BRAZIL RANCH	COMITE	400	104	2A		0	7/6/2005	G	10 GA	32 A	1/28/2004	11/14/2005		

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November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	ePA pestc	EPA alpha	EPA aux	co Date	Apply	Application	EPA use	u	Used	Q	Treated	U	Site Active	Site Inactive	Date				
95	2009	5004230	HAYES RANCH	HAYES	LUCAS	PO BOX 1183	WATERFORD	CA	95386	4305R1	23001	ALFALFA	5	06S	09E	75 OUTSIDE GWPA, RIVER RANCH	SW BRADBURY & CROWS LANDING	CLEAN CROP TRIFLURALIN 10G	34704	790 AA	0	4/25/2009	G	1500 LB	75 A	11/14/2005											
35	2009	5004230	HAYES RANCH	HAYES	LUCAS	PO BOX 1183	WATERFORD	CA	95386	4305BR1	23001	ALFALFA	5	06S	09E	32 OUTSIDE GWPA, BRAZIL RANCH	SE CROWSLANDING & BRADBURY	TREFLAN TR-10	62719	131 AA	0	2/28/2009	G	640 LB	32 A	11/14/2005											
35	2009	5004230	HAYES RANCH	HAYES	LUCAS	PO BOX 1183	WATERFORD	CA	95386	4305BR1	23001	ALFALFA	5	06S	09E	32 OUTSIDE GWPA, BRAZIL RANCH	SE CROWSLANDING & BRADBURY	LAMBDA-CY EC INSECTICIDE-RUP	70506	121 AA	0	3/26/2009	G	0.9 GA	32 A	11/14/2005											
35	2009	5004230	HAYES RANCH	HAYES	LUCAS	PO BOX 1183	WATERFORD	CA	95386	4305BR1	23001	ALFALFA	5	06S	09E	32 OUTSIDE GWPA, BRAZIL RANCH	SE CROWSLANDING & BRADBURY	TRIFLURALIN 10G	34704	790 ZA	0	4/25/2009	G	640 LB	32 A	11/14/2005											
147	2001	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		COMITE	400	104 AA	0	7/11/2001	G	9 GA	36 A	7/5/2002	3/6/2003											
147	2001	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	23001	ALFALFA	28	05S	09E	36 SW COR LINWOOD & MORGAN		EPTAM 20-G	10182	199 AA	0	10/23/2001	G	720 LB	36 A	3/6/2003	1/15/2004											
42	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		DU PONT VELPAR L WEEED KILLER	352	392 AA	0	12/30/2002	G	18.5 GA	74 A	5/16/2000	1/15/2004											
42	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		DIREX 4L	1812	257 AA	0	12/30/2002	G	18.5 GA	74 A	5/16/2000	1/15/2004											
42	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		RNA ACTIVATOR 85	1050990	50016 AA	0	12/30/2002	G	2 GA	74 A	5/16/2000	1/15/2004											
42	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA	0	3/26/2002	G	2.2 GA	74 A	5/16/2000	1/15/2004											
42	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005 AA	0	3/26/2002	G	4.63 GA	74 A	5/16/2000	1/15/2004											
42	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		RNA CROP OIL CONCENTRATE 1915	1050990	50012 AA	0	3/26/2002	G	2.25 GA	74 A	5/16/2000	1/15/2004											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		SEMPRA CA HERBICIDE	524	524 AA	0	7/8/2002	G	2.25 LB	36 A	7/5/2002	3/6/2003											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		MONTEREY X-100	17545	50017 AA	0	7/8/2002	G	1.35 GA	36 A	7/5/2002	3/6/2003											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		COMITE	400	104 ZA	0	8/7/2002	G	10 GA	36 A	7/5/2002	3/6/2003											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		MILLER NU-FILM-17	72	50001 AA	0	8/7/2002	G	2 GA	36 A	7/5/2002	3/6/2003											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	23001	ALFALFA	28	05S	09E	36 SW COR LINWOOD & MORGAN		PURSUIT W DG HERBICIDE	241	386 AA	0	12/2/2002	G	4.2 LB	36 A	3/6/2003	1/15/2004											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	23001	ALFALFA	28	05S	09E	36 SW COR LINWOOD & MORGAN		BUCTRIL 4 EC HERBICIDE	264	540 AA	0	12/2/2002	G	2.25 GA	36 A	3/6/2003	1/15/2004											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	23001	ALFALFA	28	05S	09E	36 SW COR LINWOOD & MORGAN		MONTEREY X-100	17545	50017 AA	0	12/2/2002	G	1.8 GA	36 A	3/6/2003	1/15/2004											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A3	23001	ALFALFA	28	05S	09E	36 SW COR LINWOOD & MORGAN		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA	0	3/26/2002	G	1.07 GA	36 A	5/16/2000	3/6/2003											
147	2002	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A3	23001	ALFALFA	28	05S	09E	36 SW COR LINWOOD & MORGAN		LORSBAN 4E-HF	62719	220 AA	0	3/26/2002	G	2.25 GA	36 A	5/16/2000	3/6/2003											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A4	22005	CORN FOI	28	05S	09E	37 SW COR LINWOOD & MORGAN		DU PONT ACCENT SP HERBICIDE	352	560 AA	0	7/14/2003	G	27.75 OZ	37 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A4	22005	CORN FOI	28	05S	09E	37 SW COR LINWOOD & MORGAN		YUKON HERBICIDE	33906	11 AA	524	7/14/2003	G	222 OZ	37 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A4	22005	CORN FOI	28	05S	09E	37 SW COR LINWOOD & MORGAN		RNA ACTIVATOR 85	1050990	50016 AA	0	7/14/2003	G	2 GA	37 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		MILLER NU-FILM-17	72	50001 AA	0	7/15/2003	G	2 GA	36 A	7/5/2002	3/6/2003											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		COMITE	400	104 ZA	0	7/15/2003	G	10 GA	36 A	7/5/2002	3/6/2003											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A3	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		MILLER NU-FILM-17	72	50001 AA	0	7/31/2003	G	2 GA	36 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A3	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		COMITE	400	104 ZA	0	7/31/2003	G	10 GA	36 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		PERM-UP 3.2 EC INSECTICIDE	70506	9 AA	0	8/24/2003	G	1 GA	38 A	5/16/2000	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		WARRIOR INSECTICIDE WITH ZEON TECHI	10182	434 ZA	0	3/13/2003	G	2.22 GA	74 A	5/16/2000	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		CLEAN CROP MALATHION 8-E INSECTICIDI	34704	50005 AA	0	3/13/2003	G	9.25 GA	74 A	5/16/2000	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A1	23001	ALFALFA	28	05S	09E	74 SW COR LINWOOD & MORGAN		RNA NON-IONIC & ANIONIC SPREADER-BB	1050990	50006 AA	0	3/13/2003	G	2 GA	74 A	5/16/2000	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 C1	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112 AA	0	3/18/2003	G	1.57 GA	36 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A3	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		ULTRA 90-NF	17545	50021 AA	0	6/16/2003	G	1.41 GA	36 A	3/6/2003	1/15/2004											
42	2003	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-9 A3	22005	CORN FOI	28	05S	09E	36 SW COR LINWOOD & MORGAN		YUKON HERBICIDE	33906	11 AA	524	6/16/2003	G	13.5 LB	36 A	3/6/2003	1/15/2004											
147	2003	5004611	HIRDES, ED																																		

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	u	reated Q	Treated U	Site Active	Site Inactive Date
42	2006	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/19/2006	G	2.25	GA	36	A	1/15/2004	
42	2006	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/19/2006	G	9.99	GA	36	A	1/15/2004	
42	2006	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		DIREX 4L	1812	257 ZA			0	12/19/2006	G	9.99	GA	36	A	1/15/2004	
42	2006	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C4	23001	ALFALFA	28 05S	09E	36	W/S BLAKER, 1/4M N OF HARDING		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/19/2006	G	2.25	GA	36	A	12/2/2002	
42	2006	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C4	23001	ALFALFA	28 05S	09E	36	W/S BLAKER, 1/4M N OF HARDING		DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/19/2006	G	9.99	GA	36	A	12/2/2002	
42	2006	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C4	23001	ALFALFA	28 05S	09E	36	W/S BLAKER, 1/4M N OF HARDING		DIREX 4L	1812	257 ZA			0	12/19/2006	G	9.99	GA	36	A	12/2/2002	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A1	22005	CORN FOF	28 05S	09E	36	OUTSIDE GWPA	S/S LINWOOD & 1/4 MI W MORGAN	COMITE	400	104 ZA			0	7/9/2007	G	9	GA	36	A	11/1/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	22005	CORN FOF	28 05S	09E	36	SW COR LINWOOD & MORGAN		COMITE	400	104 ZA			0	7/20/2007	G	9	GA	36	A	6/7/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	22005	CORN FOF	28 05S	09E	36	SW COR LINWOOD & MORGAN		NUFOS 4E	67760	28 AA			0	7/20/2007	G	9	GA	36	A	6/7/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A1	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		BUCTRIL 4 EC HERBICIDE	264	540 AA			0	11/7/2007	G	2.25	GA	36	A	11/1/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A1	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		BUTYRAC 200	42750	38 AA			0	11/7/2007	G	9	GA	36	A	11/1/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	11/7/2007	G	1.8	GA	36	A	11/1/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A1	23001	ALFALFA	28 05S	09E	36	SW COR LINWOOD & MORGAN		RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	11/7/2007	G	1.8	GA	36	A	11/1/2007	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	DIREX 4L HERBICIDE	352	678 AA			0	12/23/2007	G	9.5	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/23/2007	G	10.26	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/23/2007	G	1.9	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	SW COR LINWOOD & MORGAN	CLEAN CROP MALATHION 8-E INSECTICID	34704	50005 AA			0	3/19/2007	G	36	PT	36	A	1/15/2004	6/7/2007
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	SW COR LINWOOD & MORGAN	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	3/19/2007	G	138.24	OZ	36	A	1/15/2004	6/7/2007
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	SW COR LINWOOD & MORGAN	WESTLINK AG SPREADER BUFFER	1051117	50002 AA			0	3/19/2007	G	115.2	OZ	36	A	1/15/2004	6/7/2007
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	CLEAN CROP MALATHION 8-E INSECTICID	34704	50005 AA			0	3/19/2007	G	38	PT	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	3/19/2007	G	145.92	OZ	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	WESTLINK AG SPREADER BUFFER	1051117	50002 AA			0	3/19/2007	G	121.6	OZ	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	CLEAN CROP MALATHION 8-E INSECTICID	34704	50005 AA			0	3/19/2007	G	36	PT	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	3/19/2007	G	138.24	OZ	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	WESTLINK AG SPREADER BUFFER	1051117	50002 AA			0	3/19/2007	G	115.2	OZ	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	1/21/2007	G	1.9	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	PURSUIT W HERBICIDE	241	385 AA			0	1/21/2007	G	1.78	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	BUCTRIL 4 EC HERBICIDE	264	540 AA			0	1/21/2007	G	2.38	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	BUTYRAC 200	42750	38 AA			0	1/21/2007	G	9.5	GA	38	A	10/1/2004	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A1	22005	CORN FOF	28 05S	09E	36	OUTSIDE GWPA	S/S LINWOOD & 1/4 MI W MORGAN	DUAL MAGNUM HERBICIDE	100	816 AA			0	5/25/2007	G	7.51	GA	36	A	11/1/2004	11/1/2007
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828A3	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	SW COR LINWOOD & MORGAN	DUAL MAGNUM HERBICIDE	100	816 AA			0	5/25/2007	G	7.51	GA	36	A	11/1/2004	11/1/2007
147	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	CLEAN CROP MALATHION 8-E INSECTICID	34704	50005 AA			0	3/19/2007	G	36	PT	36	A	3/6/2003	
147	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	3/19/2007	G	138.24	OZ	36	A	3/6/2003	
147	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER ROAD	TURLOCK	CA	95380-93828C1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	WESTLINK AG SPREADER BUFFER	1051117	50002 AA			0	3/19/2007	G	115.2	OZ	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER RD	TURLOCK	CA	95380 3828A1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	PURSUIT W HERBICIDE	241	385 AA			0	12/19/2008	G	19.8	GA	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER RD	TURLOCK	CA	95380 3828A1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	DU PONT VELPAR L HERBICIDE	352	392 ZA			0	12/19/2008	G	9.99	GA	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER RD	TURLOCK	CA	95380 3828A1	23001	ALFALFA	28 05S	09E	36	OUTSIDE GWPA	1/4 MI S LINWOOD & W/S MORGAN	RNA BUFFER-ACTIVATOR	1050990	50003 AA			0	12/19/2008	G	1.9	GA	36	A	3/6/2003	
42	2007	5004611	HIRDES, ED	HIRDES	ED	3024 S. BLAKER RD	TURLOCK	CA	95380 3828A5	23001	ALFALFA	28 05S	09E	38	OUTSIDE GWPA	1/4 S LINWOOD & 1/4 M W MORGAN	PURSUIT W HERBICIDE	241	385 AA			0	12/19/2008	G	20.9	GA	3			

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	u	Treated Q	Treated U	Site Active	Site Inactive	Date
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GLYFOS HERBICIDE	524	445	AA	4787	4/15/2001	G	14.75	OT	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		BRITZ B-85	10951	50045	AA	0	4/15/2001	G	59	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		BRITZ BUFFER	10951	50041	AA	0	4/15/2001	G	59	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RALLY 40W AGRICULTURAL FUNGICIDE IN	707	215	AA	0	5/26/2001	G	67.6	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CONFIRM 2F AGRICULTURAL INSECTICIDE	707	238	AA	0	5/26/2001	G	135.2	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		M-PEDE INSECTICIDE	53219	6	AA	0	5/26/2001	G	16.9	GA	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GOLDEN-DEW	2935	407	ZA	0	5/26/2001	G	33.8	LB	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	5/25/2001	G	6.15	OT	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RNA ACTIVATOR 85	1050990	50016	AA	0	5/25/2001	G	59	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA	0	5/1/2001	G	202.8	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GOLDEN-DEW	2935	407	ZA	0	5/1/2001	G	33.8	LB	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	5/26/2001	G	6.15	OT	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RNA ACTIVATOR 85	1050990	50016	AA	0	5/26/2001	G	59	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		PROCURE 50WS	400	431	AA	0	6/29/2001	G	67.6	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CRYMAX WETTABLE POWDER BIOINSECT	55638	40	AA	0	6/29/2001	G	12.67	LB	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		M-PEDE INSECTICIDE	53219	6	AA	0	6/29/2001	G	16.9	GA	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		BRITZ BINDER	10951	50050	AA	0	6/29/2001	G	101.4	OZ	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		KUMULUS S FUNGICIDE	7969	61	AA	0	6/10/2001	G	50.7	LB	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		KUMULUS S FUNGICIDE	7969	61	AA	0	5/10/2001	G	50.7	LB	16.9	A	1/1/2000	12/29/2004				
86	2001	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		KUMULUS S FUNGICIDE	7969	61	AA	0	4/30/2001	G	50.7	LB	16.9	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	7/8/2002	G	19.64	OT	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		R-20 SPREADER-ACTIVATOR	2935	50150	AA	0	7/8/2002	G	117.82	OZ	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	7/12/2002	G	19.64	OT	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		RNA ACTIVATOR 85	1050990	50016	AA	0	7/12/2002	G	125.67	OZ	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		MICROTHIOL SPECIAL MICRONIZED WETT	4581	373	AA	0	7/19/2002	G	108	LB	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		NO FOAM B	11656	50009	AA	0	7/19/2002	G	324	OZ	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		MICROTHIOL SPECIAL MICRONIZED WETT	4581	373	AA	0	7/12/2002	G	108	LB	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		NO FOAM B	11656	50009	AA	0	7/12/2002	G	324	OZ	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	7/25/2002	G	19.64	OT	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		RNA ACTIVATOR 85	1050990	50016	AA	0	7/25/2002	G	125.67	OZ	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	8/13/2002	G	19.64	OT	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		RNA ACTIVATOR 85	1050990	50016	AA	0	8/13/2002	G	125.67	OZ	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		PRINCEP CALIBER 90 HERBICIDE	100	603	AA	0	11/27/2002	G	8.18	LB	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		PRINCEP CALIBER 90 HERBICIDE	100	603	AA	0	11/27/2002	G	6.55	LB	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	11/27/2002	G	3.27	GA	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		CHAMP FORMULA 2 FLOWABLE	55146	64	AA	0	4/17/2002	G	70	OT	36	A	1/1/2000	12/29/2004				
7	2002	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GOLDEN-DEW	2935	407	ZA	0	4/16/2002	G	108	LB	36	A	1/1/2000	12/29/2004				
7	2002																																

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	g EPA use	u Treated	Q Treated	U/ Site	Active	Site inactive	Date
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		TENKOC BUCCANEER	524	445	AA	55467	4/22/2003	G	6.55	GA	36	A	1/1/2000	12/29/2004					
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		SORBA-SPRAY ZIP	1148	50034	ZA		0	4/22/2003	G	1.02	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	4/25/2003	G	1.08	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		SOVRAN FUNGICIDE	7969	154	AA		0	5/3/2003	G	7.88	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	5/3/2003	G	7.2	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		NO FOAM ADJUVANT	1050775	50010	AA		0	5/3/2003	G	4.5	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		SORBA-SPRAY ZIP	1148	50034	ZA		0	5/16/2003	G	1.02	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		GLY STAR ORIGINAL	42750	60	AA		0	5/16/2003	G	6.55	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	5/16/2003	G	1.08	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA		0	5/24/2003	G	3.38	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	5/24/2003	G	7.2	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		BIOBIT FLOWABLE CONCENTRATE BIOLOX	58998	2	AA		352	6/13/2003	G	35	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	5/30/2003	G	7.2	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		GRAMOXONE MAX	100	1074	AA		0	6/4/2003	G	3.27	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		NO FOAM ADJUVANT	1050775	50010	AA		0	6/4/2003	G	2.05	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	6/6/2003	G	1.08	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		MICRO-SULF	55146	75	AA		0	6/13/2003	G	7.2	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		BIOBIT FLOWABLE CONCENTRATE BIOLOX	58998	2	AA		352	6/13/2003	G	35	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		RUBIGAN E.C.	62719	134	AA		0	6/13/2003	G	5.63	OT	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		NO FOAM ADJUVANT	1050775	50010	AA		0	6/13/2003	G	4.5	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		GRAMOXONE MAX	100	1074	AA		0	6/25/2003	G	3.27	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		NO FOAM ADJUVANT	1050775	50010	AA		0	6/25/2003	G	7.05	GA	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		ELITE 45 DF	3125	388	AA		0	6/28/2003	G	9	LB	36	A	1/1/2000	12/29/2004				
7	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE COR. BYSTRUM & KEYES ROAD		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	6/28/2003	G	5.9	LB	36	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	7/4/2003	G	51	LB	12	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	7/11/2003	G	51	LB	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	7/19/2003	G	51	LB	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GRAMOXONE MAX	100	1074	AA		0	8/1/2003	G	1.55	GA	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		NO FOAM A	1050775	50015	AA		0	8/1/2003	G	0.92	GA	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		WILBUR-ELITE DUSTING SULFUR	2935	48	ZA		0	8/12/2003	G	93.5	LB	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		WESTERN LIME - HIGH CALCIUM HYDRATE	1051042	50014	AA		0	8/12/2003	G	93.5	LB	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CSC 80% THIOSPERSE/THIOBEN	55429	4	AA		0	4/19/2003	G	51	LB	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		TENKOC BUCCANEER	524	445	AA	55467	4/22/2003	G	3.09	GA	17	A	1/1/2000	12/29/2004					
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		SORBA-SPRAY ZIP	1148	50034	ZA		0	4/22/2003	G	0.48	GA	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CSC WETTABLE OR DUSTING SULFUR	55429	1	AA		0	4/26/2003	G	51	LB	17	A	1/1/2000	12/29/2004				
86	2003	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		SOVRAN FUNGICIDE																	

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	Co Date	Apply	Application	EPA use	u	Treated	U	Site Active	Site Inactive	Date
7	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		MILLER NU-FILM-P	72	5003	AA		0	5/28/2005			1.69	GA	36	A	1/1/2000	12/29/2004	
7	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		ELITE 45 DF	3125	388	AA		0	5/28/2005			9	LB	36	A	1/1/2000	12/29/2004	
7	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		THIOLUX DRY FLOWABLE SULFUR	55947	48	AA		0	5/28/2005			72	LB	36	A	1/1/2000	12/29/2004	
7	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		COSTAR	70051	69	2D		0	5/28/2005			118	LB	36	A	1/1/2000	12/29/2004	
7	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		RED-TOP GOLDEN-DEW	2935	407	AA		0	6/29/2005			72	LB	36	A	1/1/2000	12/29/2004	
7	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		SOVRAN FUNGICIDE	7969	154	AA		0	6/29/2005			9	LB	36	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RED-TOP GOLDEN-DEW	2935	407	AA		0	7/16/2005			34	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		PROCURE 50WS	400	431	AA		0	7/16/2005			8.5	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		BREAK-THRU	65343	5003	AA		0	7/16/2005			0.27	GA	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GRAMOXONE MAX	100	1074	AA		0	7/8/2005			2.09	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		BUFFER X-TRA	1051080	50023	AA		0	7/8/2005			0.77	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GRAMOXONE MAX	100	1074	AA		0	8/12/2005			1.6	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RNA CROP OIL CONCENTRATE 1915	1050990	50012	AA		0	8/12/2005			2.13	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		PRINCEP CALIBER 90 HERBICIDE	100	603	AA		0	12/1/2005			9.27	LB	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GOAL 2XL HERBICIDE	707	243	AA		0	12/1/2005			6.18	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		GLY STAR ORIGINAL	42750	60	AA		0	12/1/2005			3.09	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 2928C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		SURFLAN A.S.	62719	112	AA		0	12/1/2005			0.46	GA	17	A	1/1/2000		
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RED-TOP GOLDEN-DEW	2935	407	AA		0	4/7/2005			34	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CHAMP FORMULA 2 FLOWABLE	55146	64	AA		0	4/7/2005			4.25	GA	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RED-TOP GOLDEN-DEW	2935	407	AA		0	4/28/2005			34	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		PRISTINE FUNGICIDE	7969	199	AA		0	4/28/2005			17.0	OZ	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RED-TOP GOLDEN-DEW	2935	407	AA		0	5/6/2005			34	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		CHAMP FORMULA 2 FLOWABLE	55146	64	AA		0	5/6/2005			34	PT	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		ELITE 45 DF	3125	388	AA		0	5/26/2005			4.25	GA	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		THIOLUX DRY FLOWABLE SULFUR	55947	48	AA		0	5/26/2005			34	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		COSTAR	70051	69	2D		0	5/26/2005			8.5	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		ROUNDUP ORIGINAL MAX HERBICIDE	524	539	AA		0	5/29/2005			6.18	GA	6.18	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		BUFFER X-TRA	1051080	50023	AA		0	5/29/2005			0.46	GA	6.18	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C3	29143	GRAPE, W	28	045	09E	20 KEYES & MORGAN RD W/S		RED-TOP GOLDEN-DEW	2935	407	AA		0	6/28/2005			34	LB	17	A	1/1/2000	12/29/2004	
86	2005	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 3804D3	29143	GRAPE, W	4	055	09E	79 S/S TAYLOR 1/2 E CROWS LANDING		SOVRAN FUNGICIDE	7969	154	AA		0	6/28/2005			4.25	LB	17	A	1/1/2000	12/29/2004	
67	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 3804D3	29143	GRAPE, W	4	055	09E	79 S/S TAYLOR 1/2 E CROWS LANDING		BRITZ B-85	10951	50045	AA		0	7/11/2006			5.93	GA	79	A	1/1/2005		
67	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 3804D3	29143	GRAPE, W	4	055	09E	79 S/S TAYLOR 1/2 E CROWS LANDING		RNA BUPHER	1050990	50015	AA		0	7/11/2006			2.7	GA	36	A	1/1/2005		
7	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		GLY STAR ORIGINAL	42750	60	AA		0	7/11/2006			58.25	GA	79	A	1/1/2005		
7	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		BRITZ B-85	10951	50045	AA		0	7/13/2006			3.38	GA	36	A	1/1/2000	12/29/2004	
7	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		PROCURE 50WS	400	431	AA		0	7/13/2006			13.5	LB	36	A	1/1/2000	12/29/2004	
7	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		MICROTHIOL SPECIAL MICRONIZED WETT	4581	373	AA		0	7/13/2006			72	LB	36	A	1/1/2000	12/29/2004	
7	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		SULFUR DF	7969	154	AA		2935	6/7/2006			106	LB	36	A	1/1/2000	12/29/2004	
7	2006	5006367	KEYES VINEYARD	CHUMAN	KEVIN	800 E. KEYES ROAD	CERES	CA	95307-9 C1	29143	GRAPE, W	33	045	09E	36 SE.COR. BYSTRUM & KEYES ROAD		RELY HERBICIDE	62719	3													

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	g EPA use	u Treated	Q Treated	U/ Site	Active	Site Inactive	Date
7	2007	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	WIDESPREAD	36208	50020	AA		4/26/2007	G		2.25	GA	36	A	1/1/2000				
7	2007	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MICROTHIOL SPECIAL MICRONIZED WETT	4581	373	AA		5/2/2007	G		72	LB	36	A	1/1/2000				
7	2007	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	THIOLUX JET	100	1138	AA		4/26/2007	G		72	LB	36	A	1/1/2000				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	WILBUR-ELLIS DUSTING SULFUR	2935	48	ZA		7/22/2008	G		869	LB	79	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	INTREPID 2F	62719	442	AA		7/8/2008	G		2.24	GA	79	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	NUPRID 1.6F INSECTICIDE	228	488	AA		7/8/2008	G		1.84	GA	79	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	RUBIGAN E.C.	10163	273	AA		7/8/2008	G		4.31	QT	79	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	IGNITE HERBICIDE	264	660	AA		9/9/2008	G		14.36	GA	79	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	ROUNDUP ORIGINAL MAX HERBICIDE	524	539	AA		9/9/2008	G		14.36	GA	79	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	FIRESTORM	82557	1	AA		400 12/31/2008	G		71.83	PT	28.73	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	GOAL 2XL	62719	424	AA		0 12/31/2008	G		229.84	PT	28.73	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	PROWL H2O HERBICIDE	241	418	AA		0 12/31/2008	G		229.84	PT	28.73	A	1/1/2005				
67	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	PRO 90	71058	50002	AA		0 12/31/2008	G		28.73	PT	28.73	A	1/1/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	WILBUR-ELLIS DUSTING SULFUR	2935	48	ZA		7/24/2008	G		396	LB	36	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	INTREPID 2F	62719	442	AA		0 7/7/2008	G		1.02	GA	36	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	NUPRID 1.6F INSECTICIDE	228	488	AA		0 7/7/2008	G		0.38	GA	36	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	RUBIGAN E.C.	10163	273	AA		0 7/7/2008	G		1.96	QT	36	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	IGNITE HERBICIDE	264	660	AA		0 9/8/2008	G		5.55	GA	36	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	ROUNDUP ORIGINAL MAX HERBICIDE	524	539	AA		0 9/8/2008	G		6.55	GA	36	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	FIRESTORM	82557	1	AA		400 12/31/2008	G		32.73	PT	13.09	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	GOAL 2XL	62719	424	AA		0 12/31/2008	G		104.72	PT	13.09	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	PROWL H2O HERBICIDE	241	418	AA		0 12/31/2008	G		104.72	PT	13.09	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	PRO 90	71058	50002	AA		0 12/31/2008	G		13.09	PT	13.09	A	4/12/2005				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	1/2M E OF CROWS LANDING ON BARNHART RD	WILBUR-ELLIS DUSTING SULFUR	2935	48	ZA		7/23/2008	G		396	LB	36	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	AD-WET	7001	50516	AA		0 7/12/2008	G		3.38	GA	36	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	INTREPID 2F	62719	442	AA		0 7/12/2008	G		2.81	GA	36	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	RUBIGAN E.C.	10163	273	AA		0 7/12/2008	G		5.4	QT	36	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	M-PEDE INSECTICIDE	53219	6	AA		0 7/8/2008	G		27	GA	36	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	FIRESTORM	82557	1	AA		400 12/31/2008	G		32.73	PT	13.09	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	GOAL 2XL	62719	424	AA		0 12/31/2008	G		104.72	PT	13.09	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	PROWL H2O HERBICIDE	241	418	AA		0 12/31/2008	G		104.72	PT	13.09	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	PRO 90	71058	50002	AA		0 12/31/2008	G		13.09	PT	13.09	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	CHAMP FORMULA 2 FLOWABLE	55146	64	AA		0 4/3/2008	G		9	GA	36	A	1/1/2000				
7	2008	5006367	KEYES VINEYARD	CHUMAN	KEVIN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	SULFUR DF	51036	352	AA		2935 4/3/2008	G		72	LB	36	A	1/1/2000				
67	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	FIRESTORM	82557	1	AA		400 7/10/2009	G		71.82	PT	76	A	1/1/2005				
67	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1	29143	GRAPE, W	4	05S	09E	79 GWPA	S/S TAYLOR 1/2 E CROWS LANDING	MONTEREY CROP OIL	17545	50031	AA		0 7/10/2009	G		13.3	GA	76	A	1/1/2005				
67	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933D1																								

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	u	u	Treated	U	Site Active	Site Inactive	Date
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	ACRAMITE 50WS	400	503	AA		0	7/26/2009	G		36	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	VINTRE	72662	50004	AA		0	7/26/2009	G		9	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	FIRESTORM	82557	1	AA		400	8/17/2009	G		38.88	PT	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MONTEREY CROP OIL	17545	50031	AA		0	8/17/2009	G		7.2	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MAX-IT	71058	50007	AA		0	8/17/2009	G		14.4	QT	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	BSP LIME SULFUR SOLUTION	68186	2	AA		0	2/10/2009	G		360	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	LORSPAN ADVANCED	62719	591	AA		0	2/10/2009	G		18	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	DUPONT GX-569 FUNGICIDE/BACTERICIDE	352	662	AA		0	4/19/2009	G		46.8	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	KUMULUS DF	51036	352	AA		0	4/19/2009	G		72	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	K-27 KNAPP NONIONIC SPREADER AND ST	24909	50009	AA		0	5/17/2009	G		0.84	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	APPLAUD 70 DF INSECT GROWTH REGUL	71711	21	AA		0	5/17/2009	G		27	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	INTREPID 2F	62719	442	AA		0	5/17/2009	G		45	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MICROTHOL DISPERSS MICRONIZED WET	4581	373	ZA		0	5/17/2009	G		72	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	SOVRAN FUNGICIDE	7969	154	AA		0	5/17/2009	G		9	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	RELY 200 HERBICIDE	264	660	ZA		0	6/15/2009	G		75.6	PT	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MAX-IT	71058	50007	AA		0	6/15/2009	G		12.6	QT	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MONTEREY CROP OIL	82557	1	AA		400	6/15/2009	G		6.3	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	K-27 KNAPP NONIONIC SPREADER AND ST	24909	50009	AA		0	6/13/2009	G		1.13	GA	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	ADAMANT 50 WG FUNGICIDE	264	1052	AA		0	6/13/2009	G		9	LB	36	A	1/1/2000			
7	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C1	29143	GRAPE, W	33	04S	09E	36 OUTSIDE GWPA	SE.COR. BYSTRUM & KEYES ROAD	MICROTHOL DISPERSS MICRONIZED WET	4581	373	ZA		0	6/13/2009	G		72	LB	36	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	K-27 KNAPP NONIONIC SPREADER AND ST	24909	50009	AA		0	7/1/2009	G		0.53	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	ABBA 0.15 EC	68222	139	AA		0	7/1/2009	G		1.59	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	APPLAUD 70 DF INSECT GROWTH REGUL	71711	21	AA		0	7/1/2009	G		12.75	LB	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	QUINTEC	62719	442	AA		0	7/1/2009	G		0.8	PT	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	SCALA BRAND SC FUNGICIDE	264	788	AA		0	7/1/2009	G		2.39	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	RELY 200 HERBICIDE	264	660	ZA		0	7/1/2009	G		35.7	PT	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	MAX-IT	71058	50007	AA		0	7/1/2009	G		5.95	QT	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	MONTEREY CROP OIL	17545	50031	AA		0	7/1/2009	G		2.98	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	MAX-IT	71058	50007	AA		0	7/1/2009	G		5.95	QT	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	ACRAMITE 50WS	400	503	AA		0	7/26/2009	G		17	LB	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	VINTRE	72662	50004	AA		0	7/26/2009	G		4.25	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	BSP LIME SULFUR SOLUTION	62719	591	AA		0	2/10/2009	G		170	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	LORSPAN ADVANCED	62719	591	AA		0	2/10/2009	G		8.5	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	DUPONT GX-569 FUNGICIDE/BACTERICIDE	352	662	AA		0	4/19/2009	G		22	LB	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	KUMULUS DF	51036	352	AA		0	4/19/2009	G		72	LB	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	K-27 KNAPP NONIONIC SPREADER AND ST	24909	50009	AA		0	5/17/2009	G		0.4	GA	17	A	1/1/2000			
86	2009	5006367	KEYES VINEYARD	FRANZIA	BRIAN	4800 BLEDSOE RD	DENAIR	CA	95316	2933C2	29143	GRAPE, W	28	04S	09E	17 OUTSIDE GWPA	N/W CRNR MORGAN & KEYES	APPLAUD 70 DF INSECT GROWTH REGUL	71711	21	AA		0	5/17/2009	G		12.75	LB	17	A	1/1/200			

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux g	Co Date	Applie	Application	EPA use g	EPA use u	Treated Q	Treated U	Site Active	Site Inactive Date
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	RIVERDALE DRI-CLEAN HERBICIDE	228	260	2B	0	11/7/2009	G		16.06 LB	9.52 A		2/22/2005		
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	GOAL 2XL	62719	424	ZA	0	11/7/2009	G		2.38 GA	9.52 A		2/22/2005		
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	PROWL H2O HERBICIDE	241	418	AA	0	11/7/2009	G		9.52 GA	9.52 A		2/22/2005		
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	GLY-4 PLUS HERBICIDE	4787	23	AA	72693	6/23/2009	G		15 GA	40 A		2/22/2005		
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	RELY 200 HERBICIDE	264	660	ZA	0	6/23/2009	G		24.05 GA	40 A		2/22/2005		
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	TEMPRANO	6780	71	AA	400	5/16/2009	G		2.9 GA	37 A		2/22/2005		
13	2009	5003424	KOLLMAYER, MARK	KOLLMAYER	MARK	1909 EDGEBROOK DR	MODESTO	CA	95354 2927A1	3001	ALMOND	27 04S	09E	40	GWPA-FLOODINO USE	E/S MORGAN S/S GRAYSON	GAVICIDE SUPER 90	612	10	AA	0	5/16/2009	G		37 LB	37 A		2/22/2005		
1	2001	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	SEVIN 5 BAIT	2935	366	ZA	0	5/21/2001	G		150 LB	20 A		6/1/2000	1/24/2005	
1	2002	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	COMITE	400	104	ZA	0	7/3/2002	G		5 GA	20 A		6/1/2000	1/24/2005	
1	2002	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	MILLER NU-FILM-17	72	50003	AA	0	7/3/2002	G		0.78 GA	20 A		6/1/2000	1/24/2005	
1	2002	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DUAL MAGNUM HERBICIDE	100	8161	AA	0	5/23/2002	G		4 GA	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	MILLER NU-FILM-17	72	50003	AA	0	7/8/2003	G		0.75 GA	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	COMITE	400	104	ZA	0	7/8/2003	G		5 GA	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22006	OAT FORI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	BUCTRIL 4 EC HERBICIDE	264	540	AA	0	12/23/2003	G		1.87 GA	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22006	OAT FORI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	CLEAN CROP MCP 4 AMINE HERBICIDE	62719	13	AA	34704	12/23/2003	G		2.5 GA	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DU PONT ACCENT HERBICIDE	352	560	ZA	0	6/18/2003	G		0.83 LB	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	CLARITY HERBICIDE	7969	137	AA	0	6/18/2003	G		1.25 GA	20 A		6/1/2000	1/24/2005	
1	2003	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	YUKON HERBICIDE	11596	5021	AA	524	6/18/2003	G		7.5 LB	20 A		6/1/2000	1/24/2005	
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9 4302AS	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	CAPTURE 2 EC-CAL	279	314	AA	0	7/6/2004	G		0.8 GA	20 A		1/24/2005		
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9 4302AS	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	ULTRA 90-NF	17545	50021	AA	0	7/6/2004	G		1 GA	20 A		1/24/2005		
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9 4302AS	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DREXEL DIMETHOATE 4EC	19713	231	AA	0	7/6/2004	G		2 GA	20 A		1/24/2005		
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22006	OAT FORI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	RIVERDALE MCPA-4 AMINE	228	143	AA	0	12/28/2004	G		2.5 GA	20 A		6/1/2000	1/24/2005	
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22006	OAT FORI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	SHARK HERBICIDE	279	3194	AA	0	12/28/2004	G		1 LB	20 A		6/1/2000	1/24/2005	
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22006	OAT FORI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	ULTRA 90-NF	17545	50021	AA	0	12/28/2004	G		4.5 GA	20 A		6/1/2000	1/24/2005	
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9 4302AS	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DUAL MAGNUM HERBICIDE	100	816	AA	0	2/20/2004	G		3.8 GA	20 A		1/24/2005		
1	2004	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9 4302AS	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	RED-TOP SEVIN 5 PELLETS	2935	366	AA	0	5/23/2004	G		100 LB	20 A		1/24/2005		
1	2005	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	COMITE	400	104	ZA	0	7/16/2005	G		5.6 GA	20 A		6/1/2000	1/24/2005	
1	2005	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	MILLER NU-FILM-17	72	50003	AA	0	7/16/2005	G		1 GA	20 A		6/1/2000	1/24/2005	
1	2005	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DU PONT STEADFAST HERBICIDE	352	608	AA	0	6/25/2005	G		0.94 LB	20 A		6/1/2000	1/24/2005	
1	2005	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	ULTRA 90-NF	17545	50021	AA	0	6/25/2005	G		1 GA	20 A		6/1/2000	1/24/2005	
1	2005	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	YUKON HERBICIDE	11596	50021	AA	524	6/25/2005	G		7.5 LB	20 A		6/1/2000	1/24/2005	
1	2006	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	BIFENTURE EC	70506	58	AA	0	6/30/2006	G		1 GA	20 A		6/1/2000	1/24/2005	
1	2006	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DREXEL DIMETHOATE 4EC	19713	231	AA	0	6/30/2006	G		2.5 GA	20 A		6/1/2000	1/24/2005	
1	2006	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	ULTRA 90-NF	17545	50021	AA	0	6/30/2006	G		0.5 GA	20 A		6/1/2000	1/24/2005	
1	2006	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	BIFENTURE EC	70506	58	AA	0	6/30/2006	G		1 GA	20 A		6/1/2000	1/24/2005	
1	2006	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DREXEL DIMETHOATE 4EC	19713	231	AA	0	6/30/2006	G		2.5 GA	20 A		6/1/2000	1/24/2005	
1	2006	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9A5	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	ULTRA 90-NF	17545	50021	AA	0	6/30/2006	G		0.5 GA	20 A		6/1/2000	1/24/2005	
1	2007	5004877	LARSON, GARY & VERNON	LARSON	VERNON	8412 W. BRADBURY	TURLOCK	CA	95380-9 4302AS	22005	CORN FOI	2 06S	09E	20	S/E COR BRADBURY & CENTRAL	S/E COR BRADBURY & CENTRAL	DREXEL DIMETHOATE 4EC	19713	231											

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux q	Co Date	Applie	Application	EPA use q	EPA use U	Treated Q	Site Active	Site Inactive Date
136	2004	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	YUKON HERBICIDE	33906	11	AA	524	6/16/2004	G		14.25 LB	38	A	1/10/2005	
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E	04E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	HONCHO PLUS HERBICIDE	524	454	ZB			6/30/2005	G		9.5 GA	38	A	1/10/2005	
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E	04E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	HONCHO PLUS HERBICIDE	524	454	ZB			6/30/2005	G		9.5 GA	38	A	1/10/2005	
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DUPONT STEADFAST HERBICIDE	352	608	AA			6/11/2005	G		28.5 OZ	38	A	1/10/2005
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CLARITY HERBICIDE	7969	137	AA			6/11/2005	G		304 OZ	38	A	1/10/2005
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	ULTRA 90-NF	17545	50021	AA			6/11/2005	G		152 PT	38	A	1/10/2005
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	CAPTURE 2 EC-CAL	279	3114	AA			6/28/2005	G		0.0006 GA	15	A	1/10/2005
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	DREXEL DIMETHOATE 2.67	19713	232	AA			6/28/2005	G		1.875 GA	15	A	1/10/2005
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CAPTURE 2 EC-CAL	279	3114	AA			6/28/2005	G		4.3 GA	38	A	1/10/2005
131	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DREXEL DIMETHOATE 2.67	19713	232	AA			6/28/2005	G		4.75 GA	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DUPONT STEADFAST HERBICIDE	352	608	AA			6/11/2005	G		28.5 OZ	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CLARITY HERBICIDE	7969	137	AA			6/11/2005	G		304 OZ	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	ULTRA 90-NF	17545	50021	AA			6/11/2005	G		152 PT	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CAPTURE 2 EC-CAL	279	3114	AA			6/28/2005	G		4.3 GA	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DREXEL DIMETHOATE 2.67	19713	232	AA			6/28/2005	G		4.75 GA	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DUPONT STEADFAST HERBICIDE	352	608	AA			6/11/2005	G		28.5 OZ	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CLARITY HERBICIDE	7969	137	AA			6/11/2005	G		304 OZ	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	ULTRA 90-NF	17545	50021	AA			6/11/2005	G		152 PT	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CAPTURE 2 EC-CAL	279	3114	AA			6/28/2005	G		4.3 GA	38	A	1/10/2005
136	2005	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DREXEL DIMETHOATE 2.67	19713	232	AA			6/28/2005	G		4.75 GA	38	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	DREXEL DIMETHOATE 4EC	19713	231	AA			7/13/2006	G		2.25 GA	18	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	CAPTURE 2 EC-CAL	279	3114	AA			7/13/2006	G		0.9 GA	18	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	DREXEL DIMETHOATE 4EC	19713	231	AA			7/13/2006	G		2.25 GA	18	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	CAPTURE 2 EC-CAL	279	3114	AA			7/13/2006	G		0.45 GA	18	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	RIVERDALE MCPA-4 AMINE	228	143	AA			12/29/2006	G		5 GA	20	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	DUPONT STEADFAST HERBICIDE	352	608	AA			6/27/2006	G		15 OZ	20	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	YUKON HERBICIDE	33906	11	AA	524	6/27/2006	G		120 OZ	20	A	1/10/2005	
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3821A8	22005 CORN FOI	16 05S	09E		09E	40 1/10 M N LINWOOD W OF MORGAN	LINWOOD 40	MSO CONCENTRATE	34704	50029	AA			6/27/2006	G		2.25 GA	20	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A14	22006 OAT FORI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	RIVERDALE MCPA-4 AMINE	228	143	AA			12/30/2006	G		2 GA	15	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A14	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	DUPONT STEADFAST HERBICIDE	352	608	AA			6/4/2006	G		11.25 OZ	15	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A14	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	CLARITY HERBICIDE	7969	137	AA			6/4/2006	G		1 GA	15	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A14	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	ULTRA 90-NF	17545	50021	AA			6/4/2006	G		96 OZ	15	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	DUPONT STEADFAST HERBICIDE	352	608	AA			6/4/2006	G		28.5 OZ	38	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	CLARITY HERBICIDE	7969	137	AA			6/4/2006	G		2.375 GA	38	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E		09E	38 SW COR FULKERTH & BYSTRUM	MIKE'S 38	ULTRA 90-NF	17545	50021	AA			6/4/2006	G		2 GA	38	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A14	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	CAPTURE 2 EC-CAL	279	3114	AA			6/24/2006	G		96 OZ	15	A	1/10/2005
131	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A14	22005 CORN FOI	16 05S	09E		09E	15 S OF FULKERTH W OF DAIRY	MIKE'S 38	DREXEL DIMETHOATE 4EC	19713	231	AA			6/24/2006	G		0.75 PT	15	A	1/10/2005
136	2006	5003673	LUCAS, NORMAN OR DAVID STARKEY	THOMPSON	JOHN	1643 W. TUOLUMNE ROAD	CERES	CA	95307 3816A15	22005 CORN FOI	16 05S	09E																	

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm r	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	u	u Treated	Q	Treated U	Site Active	Site Inactive	Date
85	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	23001	ALFALFA	29	05S	09E	35 SE COR SIMMONS & LAT 4		TRILIN 10G HERBICIDE	1812	328	AA	0	3/25/2004	G	700	LB	35	A	12/1/2006			
85	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	23001	ALFALFA	29	05S	09E	35 NE COR HARDING & LAT 4		TRILIN 10G HERBICIDE	1812	328	AA	0	3/26/2004	G	700	LB	35	A	11/30/2003			
94	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	E2	22005	CORN FOI	29	05S	09E	71 W/S LAT 4 BTH HARDING & SIMMON		CAPTURE 2 EC-CAL	279	3114	AA	0	7/19/2004	G	2.84	GA	71	A	12/16/2003	2/8/2005		
94	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	E2	22005	CORN FOI	29	05S	09E	71 W/S LAT 4 BTH HARDING & SIMMON		HELENA INDUCE	5905	50066	AA	0	7/19/2004	G	2.84	GA	71	A	12/16/2003	2/8/2005		
94	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	E2	22005	CORN FOI	29	05S	09E	71 W/S LAT 4 BTH HARDING & SIMMON		DIMETHOATE 4E (WITHDRAWN)	51036	110	ZA	5905	7/19/2004	G	8.88	GA	71	A	12/16/2003	2/8/2005		
28	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	B32	22005	CORN FOI	32	05S	09E	20 SW COR TID LAT 4 & HARDING		CAPTURE 2 EC-CAL	279	3114	AA	0	7/19/2004	G	0.8	GA	20	A	1/1/2003	2/8/2005		
28	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	B32	22005	CORN FOI	32	05S	09E	20 SW COR TID LAT 4 & HARDING		HELENA INDUCE	5905	50066	AA	0	7/19/2004	G	0.75	GA	20	A	1/1/2003	2/8/2005		
28	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	B32	22005	CORN FOI	32	05S	09E	20 SW COR TID LAT 4 & HARDING		DIMETHOATE 4E (WITHDRAWN)	51036	110	ZA	5905	7/19/2004	G	2.5	GA	20	A	1/1/2003	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3816A3	23001	ALFALFA	16	05S	09E	12 NE COR BYSTRUM & W. MAIN		TRILIN 10G HERBICIDE	1812	328	AA	0	3/25/2004	G	240	LB	12	A	1/27/2000	11/30/2003		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A1	22005	CORN FOI	16	05S	09E	20 NW COR. W. WEST MAIN & BYSTRUM		ROUNDUP ORIGINAL HERBICIDE	524	445	ZF	0	5/10/2004	G	5	GA	20	A	5/1/2001	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A1	22005	CORN FOI	16	05S	09E	20 NW COR. W. WEST MAIN & BYSTRUM		YUKON HERBICIDE	33906	11	AA	524	5/10/2004	G	5	GA	20	A	5/1/2001	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		ROUNDUP ORIGINAL HERBICIDE	524	445	ZF	0	5/10/2004	G	5	GA	20	A	5/1/2001	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		YUKON HERBICIDE	33906	11	AA	524	5/10/2004	G	5	GA	20	A	5/1/2001	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		CAPTURE 2 EC-CAL	279	3114	AA	0	6/16/2004	G	4.8	GA	120	A	5/1/2001	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		HELENA INDUCE	5905	50066	AA	0	6/16/2004	G	4.5	GA	120	A	5/1/2001	2/8/2005		
91, 126,	2004	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		DIMETHOATE 4E (WITHDRAWN)	51036	110	ZA	5905	6/16/2004	G	15	GA	120	A	5/1/2001	2/8/2005		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		ROUNDUP WEATHERMAX HERBICIDE	524	537	AA	0	8/2/2005	A	3.4	GA	13.6	A	2/8/2005	12/1/2006		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		ROUNDUP ORIGINAL MAX HERBICIDE	279	3114	AA	0	8/22/2005	A	5.13	OZ	35	A	2/8/2005	2/8/2005		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		CYMAT 267	51036	198	AA	0	8/22/2005	A	16	OZ	35	A	2/8/2005	2/8/2005		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		MSO CONCENTRATE METHYLATED SEED	36208	50027	AA	0	8/22/2005	A	35	OZ	35	A	2/8/2005	12/1/2006		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		CAPTURE 2 EC-CAL	279	3114	AA	0	8/22/2005	A	5.13	OZ	35	A	2/8/2005	12/1/2006		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		CYMAT 267	51036	198	AA	0	8/22/2005	A	16	OZ	35	A	2/8/2005	12/1/2006		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		MSO CONCENTRATE METHYLATED SEED	36208	50027	AA	0	8/22/2005	A	35	OZ	35	A	2/8/2005	12/1/2006		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		ROUNDUP ORIGINAL MAX HERBICIDE	524	537	AA	0	8/25/2005	G	6.02	GA	35	A	2/8/2005	2/8/2005		
85	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		YUKON HERBICIDE	33906	11	AA	524	5/25/2005	G	12.5	LB	35	A	2/8/2005	2/8/2005		
28	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	B32	22005	CORN FOI	32	05S	09E	20 SW COR TID LAT 4 & HARDING		CAPTURE 2 EC-CAL	279	3114	AA	0	7/20/2005	A	0.8	GA	20	A	1/1/2003	2/8/2005		
28	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	B32	22005	CORN FOI	32	05S	09E	20 SW COR TID LAT 4 & HARDING		DIMETHOATE 4E (WITHDRAWN)	51036	110	ZA	5905	7/20/2005	A	2.5	GA	20	A	1/1/2003	2/8/2005		
28	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	B32	22005	CORN FOI	32	05S	09E	20 SW COR TID LAT 4 & HARDING		MSO CONCENTRATE METHYLATED SEED	36208	50027	AA	0	7/20/2005	A	5	GA	20	A	1/1/2003	2/8/2005		
91, 126,	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		ROUNDUP ORIGINAL MAX HERBICIDE	524	537	AA	0	6/2/2005	G	20.63	GA	120	A	5/1/2001	2/8/2005		
91, 126,	2005	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	A2	22005	CORN FOI	16	05S	09E	140 E/S BYSTRUM 1/4M N WEST MAIN		YUKON HERBICIDE	33906	11	AA	524	5/10/2004	G	45	LB	120	A	5/1/2001	2/8/2005		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		BIFENTURE EC	70506	58	AA	0	7/28/2006	G	1.58	GA	35	A	2/8/2005	12/1/2006		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		DIMETHOATE 267	51036	198	ZA	0	7/28/2006	G	4.38	GA	35	A	2/8/2005	12/1/2006		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	22005	CORN FOI	29	05S	09E	35 SE COR SIMMONS & LAT 4		MSO CONCENTRATE METHYLATED SEED	36208	50027	AA	0	7/28/2006	G	0.88	GA	35	A	2/8/2005	12/1/2006		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		BIFENTURE EC	70506	58	AA	0	7/28/2006	G	1.58	GA	35	A	2/8/2005	12/1/2006		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+07	22005	CORN FOI	29	05S	09E	35 NE COR HARDING & LAT 4		DIMETHOATE 267	51036	198	ZA	0	7/28/2006	G	4.38	GA	35	A	2/8/2005	12/1/2006		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	23001	ALFALFA	29	05S	09E	35 SE COR SIMMONS & LAT 4		MSO CONCENTRATE METHYLATED SEED	36208	50027	AA	0	7/28/2006	G	35	OZ	35	A	2/8/2005	12/1/2006		
85	2006	5004622	MELO, TONY F. AND SONS INC.	MELO	GEORGE	730 N. BYSTRUM	TURLOCK	CA	95380-9	3.83E+06	23001	ALFALFA	29	05S	09E	35 SE COR SIMMONS & LAT 4		RAPTOR HERBICIDE	241	379	AA	0	12/4/2006	G	140	OZ	35	A				

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	ePA pestc	EPA alpha	EPA aux	Co Date	Applie	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive Date	
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A1	22005 CORN FOF	16	05S	09E			20 GWPA	NW COR. W. WEST MAIN & BYSTRUM	GOVERN 4E INSECTICIDE	62719	220 AA	55467	7/25/2009 A			1.25 GA	5 A		2/8/2005				
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A2	22005 CORN FOF	16	05S	09E			140 GWPA	E/S BYSTRUM 1/4M N WEST MAIN	GOVERN 4E INSECTICIDE	62719	220 AA	55467	7/25/2009 A			13.75 GA	55 A		2/8/2005				
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A3	23001 ALFALFA	16	05S	09E			12 NE COR BYSTRUM & W. MAIN	LAMBDA-CY EC INSECTICIDE-RUP	70506	121 AA			0/3/16/2009 G			46.08 OZ	12 A		9/1/2007				
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A3	23001 ALFALFA	16	05S	09E			20 GWPA	NW COR. W. WEST MAIN & BYSTRUM	SYLT-TAC	2935	5017 AA			0/3/16/2009 G			19.2 OZ	12 A		9/1/2007			
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A1	22005 CORN FOF	16	05S	09E			20 GWPA	NW COR. W. WEST MAIN & BYSTRUM	ROUNDUP ORIGINAL MAX HERBICIDE	524	539 AA			0/5/19/2009 G			40 PT	20 A		2/8/2005			
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A1	22005 CORN FOF	16	05S	09E			20 GWPA	NW COR. W. WEST MAIN & BYSTRUM	SHARK EW	279	3242 AA			0/5/19/2009 G			10 OZ	20 A		2/8/2005			
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A1	22005 CORN FOF	16	05S	09E			140 GWPA	NW COR. W. WEST MAIN & BYSTRUM	R-11 SPREADER-ACTIVATOR	2935	5017 AA			0/5/19/2009 G			5 PT	20 A		2/8/2005			
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A2	22005 CORN FOF	16	05S	09E			140 GWPA	E/S BYSTRUM 1/4M N WEST MAIN	ROUNDUP ORIGINAL MAX HERBICIDE	524	539 AA			0/5/19/2009 G			170 PT	85 A		2/8/2005			
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A2	22005 CORN FOF	16	05S	09E			140 GWPA	E/S BYSTRUM 1/4M N WEST MAIN	SHARK EW	279	3242 AA			0/5/19/2009 G			42.5 OZ	85 A		2/8/2005			
91, 126,	2009	5004622	MELO, TONY F. AND SONS INC.	MELO	TONY N. JR.	730 N BYSTRUM	TURLOCK	CA	95380 3816A2	22005 CORN FOF	16	05S	09E			140 GWPA	E/S BYSTRUM 1/4M N WEST MAIN	R-11 SPREADER-ACTIVATOR	2935	5017 AA			0/5/19/2009 G			21.26 PT	85 A		2/8/2005			
105	2008	5003933	MENDES, AL	MENDES, JR.	ALBERT	1100 RUBLE RD	CROWS LANDING	CA	95313 3629A7	22005 CORN FOF	29	05S	09E			40 MCW-OUTSIDE GWPA	SUNWOOD 1M E/CARPENTER	SILENCER	66222	104 AA			0/8/18/2008 G			1.2 GA	40 A		6/4/2004			
105	2008	5003933	MENDES, AL	MENDES, JR.	ALBERT	1100 RUBLE RD	CROWS LANDING	CA	95313 3629A7	22005 CORN FOF	29	05S	09E			40 MCW-OUTSIDE GWPA	SUNWOOD 1M E/CARPENTER	SILENCER	66222	104 AA			0/8/18/2008 G			1.2 GA	40 A		6/4/2004			
85	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	WARRIOR INSECTICIDE	10182	96 2A			0/3/19/2001 G			1 GA	35 A		1/5/2001	12/19/2005		
85	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	AD-WET	7001	50516 AA			0/3/19/2001 G			0.43 GA	35 A		1/5/2001	12/19/2005		
85	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	PRISM HERBICIDE	59639	78 AA			0/6/27/2001 G			9.3 GA	35 A		1/5/2001	12/19/2005		
85	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	LOVELAND INDUSTRIES HERBIMAX OIL-SU	36208	50011 AA			0/6/27/2001 G			3.75 GA	35 A		1/5/2001	12/19/2005		
94	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	WARRIOR INSECTICIDE	10182	96 2A			0/3/19/2001 G			1 GA	35 A		1/5/2001	12/19/2005		
94	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	GRAMOXONE EXTRA HERBICIDE	10182	280 AA			0/2/9/2002 A			0.43 GA	35 A		1/5/2001	12/19/2005		
94	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	PRISM HERBICIDE	59639	78 AA			0/6/27/2001 G			9.3 GA	35 A		1/5/2001	12/19/2005		
94	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	LOVELAND INDUSTRIES HERBIMAX OIL-SU	36208	50011 AA			0/6/27/2001 G			3.75 GA	35 A		1/5/2001	12/19/2005		
28	2001	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9E5	22005 CORN FOF	32	05S	09E			20 SW COR LAT 4 & HARDING	SW COR LAT 4 & HARDING	COMITE	400	104 2A			0/7/20/2001 A			5 GA	20 A		5/1/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	AD-WET	7001	50516 AA			0/2/9/2002 A			0.86 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	DIREX 4L	1812	257 AA			0/2/9/2002 A			13.13 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	GRAMOXONE EXTRA HERBICIDE	10182	280 AA			0/2/9/2002 A			0.88 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	AD-WET	7001	50516 AA			0/2/9/2002 A			0.88 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	DIREX 4L	1812	257 AA			0/2/9/2002 A			13.13 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	GRAMOXONE EXTRA HERBICIDE	10182	280 AA			0/2/9/2002 A			6.56 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	WARRIOR T INSECTICIDE	10182	434 AA			0/4/22/2002 G			0.82 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	AD-WET	7001	50516 AA			0/2/9/2002 A			0.88 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	DIREX 4L	1812	257 AA			0/2/9/2002 A			13.13 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	GRAMOXONE EXTRA HERBICIDE	10182	280 AA			0/2/9/2002 A			6.56 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	WARRIOR T INSECTICIDE	10182	434 AA			0/4/22/2002 G			0.82 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	AD-WET	7001	50516 AA			0/2/9/2002 A			0.88 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	DIREX 4L	1812	257 AA			0/2/9/2002 A			13.13 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B25	23001 ALFALFA	29	05S	09E			35 NE COR HARDING AND LAT 4	NE COR HARDING AND LAT 4	GRAMOXONE EXTRA HERBICIDE	10182	280 AA			0/2/9/2002 A			6.56 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA	95313-9B22	23001 ALFALFA	29	05S	09E			35 SE COR SIMMONS & LAT 4	SE COR SIMMONS & LAT 4	WARRIOR T INSECTICIDE	10182	434 AA			0/4/22/2002 G			0.82 GA	35 A		1/5/2001	12/19/2005		
85	2002	5004980	MENDES, JOE	MENDES	JOE	11951 CROWS LANDING RD.	CROWS LANDING	CA																								

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	u	Treated Q	Treated U	Site Active	Site Inactive Date
122	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22006 OAT FORI	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC TO CORN	SHARK HERBICIDE	279	3194 AA	0	2/11/2005	G	2/11/2005	1.65 LB	40 A	40 A	1/24/2005	11/29/2005			
122	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22006 OAT FORI	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC TO CORN	RNA ACTIVATOR 85	1050990	50016 AA	0	2/11/2005	G	2/11/2005	0.5 GA	40 A	40 A	1/24/2005	11/29/2005			
122	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	DU PONT ASANA XL INSECTICIDE	352	515 AA	0	6/30/2005	G	6/30/2005	2.5 GA	40 A	40 A	1/24/2005	11/29/2005			
122	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	DU PONT ACCENT HERBICIDE	352	560 ZA	0	6/30/2005	G	6/30/2005	0.83 LB	40 A	40 A	1/24/2005	11/29/2005			
122	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	CLARITY HERBICIDE	7969	137 AA	0	6/30/2005	G	6/30/2005	2 GA	40 A	40 A	1/24/2005	11/29/2005			
124	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	44032122	23001 ALFALFA	3 06S	08E	85 NE COR. MARSHALL & SYCAMORE	DC FR OATS	RNA ACTIVATOR 85	1050990	50016 AA	0	6/30/2005	G	6/30/2005	2 GA	40 A	40 A	1/24/2005	11/29/2005			
124	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	44032122	23001 ALFALFA	3 06S	08E	85 NE COR. MARSHALL & SYCAMORE	DC FR OATS	GRAMOXONE MAX	100	1074 AA	0	1/27/2005	G	1/27/2005	13.8 GA	85 A	85 A	1/24/2005	1/24/2005			
124	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	44032122	23001 ALFALFA	3 06S	08E	85 NE COR. MARSHALL & SYCAMORE	DC FR OATS	DREXEL DIURON 4L HERBICIDE	19713	36 AA	0	1/27/2005	G	1/27/2005	34 GA	85 A	85 A	1/24/2005	1/24/2005			
124	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	44032122	23001 ALFALFA	3 06S	08E	85 NE COR. MARSHALL & SYCAMORE	DC FR OATS	RNA ACTIVATOR 85	1050990	50016 AA	0	1/27/2005	G	1/27/2005	4.25 GA	85 A	85 A	1/24/2005	1/24/2005			
124	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	44032122	23001 ALFALFA	3 06S	08E	85 NE COR. MARSHALL & SYCAMORE	DC FR OATS	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA	0	3/3/2005	A	3/3/2005	2.56 GA	85 A	85 A	1/24/2005	1/24/2005			
124	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	44032122	23001 ALFALFA	3 06S	08E	85 NE COR. MARSHALL & SYCAMORE	DC FR OATS	RNA ACTIVATOR 85	1050990	50016 AA	0	3/3/2005	A	3/3/2005	1.57 GA	85 A	85 A	1/24/2005	1/24/2005			
174	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	DU PONT ACCENT HERBICIDE	352	560 ZA	0	6/30/2005	G	6/30/2005	0.83 LB	40 A	40 A	1/24/2005	11/29/2005			
174	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	CLARITY HERBICIDE	7969	137 AA	0	6/30/2005	G	6/30/2005	2 GA	40 A	40 A	1/24/2005	11/29/2005			
174	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	RNA ACTIVATOR 85	1050990	50016 AA	0	6/30/2005	G	6/30/2005	2 GA	40 A	40 A	1/24/2005	11/29/2005			
174	2005	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	22005 CORN FOF	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	DU PONT ASANA XL INSECTICIDE	352	515 AA	0	6/30/2005	G	6/30/2005	2.5 GA	40 A	40 A	1/24/2005	11/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	RNA BUPHER	1050990	50015 AA	0	7/25/2006	G	7/25/2006	1.5 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	DIMETHOATE 4E (WITHDRAWN)	51036	110 ZA	5905	7/25/2006	G	7/25/2006	5 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA	0	8/26/2006	G	8/26/2006	1.08 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	CONFIRM 2F AGRICULTURAL INSECTICIDE	707	228 AA	0	7/25/2006	G	7/25/2006	3.75 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	MICROTHOL DISPERSS MICRONIZED WET	4581	373 ZB	0	7/25/2006	G	7/25/2006	200 LB	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	RALLY 40W AGRICULTURAL FUNGICIDE IN	707	215 AA	0	7/25/2006	G	7/25/2006	10 LB	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA	0	7/25/2006	G	7/25/2006	0.38 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	CONFIRM 2F AGRICULTURAL INSECTICIDE	707	228 AA	0	8/26/2006	G	8/26/2006	3.75 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA	0	8/26/2006	G	8/26/2006	1.08 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	DIMETHOATE 4E (WITHDRAWN)	51036	110 ZA	5905	8/26/2006	G	8/26/2006	2.5 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA	0	8/26/2006	G	8/26/2006	1 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	ECHO 720 TURF AND ORNAMENTAL FUNG	60063	7 AA	0	8/26/2006	G	8/26/2006	15 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	ECHO 720 AGRICULTURAL FUNGICIDE	60063	7 ZA	0	9/20/2006	G	9/20/2006	15 GA	25 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	GRAMOXONE MAX	100	1074 AA	0	4/16/2006	G	4/16/2006	7.5 GA	40 A	40 A	1/29/2005	1/29/2005			
122	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	29136 TOMATO F	3 06S	08E	40 NE COR SYCAMORE/MARSHALL	DC FR OATS	RNA ACTIVATOR 85	1050990	50016 AA	0	4/16/2006	G	4/16/2006	2 GA	40 A	40 A	1/29/2005	1/29/2005			
124	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440324	22005 CORN FOF	3 06S	08E	80 SE SYCAMORE & MARSHALL	DC FROM OATS	TOUCHDOWN HERBICIDE	100	1117 AA	0	7/3/2007	G	7/3/2007	2 GA	80 A	80 A	1/24/2005	1/24/2005			
124	2006	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440324	22005 CORN FOF	3 06S	08E	80 SE SYCAMORE & MARSHALL	DC FROM OATS	LORSBAN 15G GRANULAR INSECTICIDE	62719	34 AA	0	6/1/2006	G	6/1/2006	640 LB	80 A	80 A	1/24/2005	1/24/2005			
122	2007	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	23001 ALFALFA	3 06S	08E	40 OUTSIDE GWPA	NE COR SYCAMORE/MARSHALL	PURSUIT HERBICIDE	241	310 ZA	0	2/20/2007	G	2/20/2007	1.56 GA	40 A	40 A	3/2/2000	3/2/2000			
122	2007	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	23001 ALFALFA	3 06S	08E	40 OUTSIDE GWPA	NE COR SYCAMORE/MARSHALL	BUTRYRAC 200	42750	38 AA	0	2/20/2007	G	2/20/2007	5 GA	40 A	40 A	3/2/2000	3/2/2000			
122	2007	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	23001 ALFALFA	3 06S	08E	40 OUTSIDE GWPA	NE COR SYCAMORE/MARSHALL	MSO CONCENTRATE	34704	50029 AA	0	2/20/2007	G	2/20/2007	5 GA	40 A	40 A	3/2/2000	3/2/2000			
122	2007	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440320	23001 ALFALFA	3 06S	08E	40 OUTSIDE GWPA	NE COR SYCAMORE/MARSHALL	PROWL H2O HERBICIDE	241	418 AA	0	5/31/2007	G	5/31/2007	1.6 GA	40 A	40 A	3/2/2000	3/2/2000			
124	2007	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600 PRUNE AVENUE	PATTERSON	CA	95363-9	440324	22005 CORN FOF	3 06S	08E	80 SE SYCAMORE & MARSHALL	DC FROM OATS	ORFEN 15G GRANULAR INSECTICIDE	62719	34 AA	0	6/1/2006	G	6/1/2006	515 GA	80 A	80 A	1/24/2005	1/24/2005			
124	2007	5000176	MICHELENA FARMS	MICHELENA	JOHN	1600																								

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	EPA use u	Treated Q	Treated U	Site Active	Site Inactive	Date
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		LORSBAN 4E-HF	62719	220	AA		0 1/28/2001	G			5.06	GA	10	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		VALENT VOLCK SUPREME SPRAY	59639	20	AA		0 1/28/2001	G			50.63	GA	10	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		RNA BUPHER	1050990	50015	AA		0 1/28/2001	G			350.4	OZ	27	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		KOCCIDE 101	1812	288	AA		0 1/28/2001	G			273.75	LB	27	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		LORSBAN 4E-HF	62719	220	AA		0 1/28/2001	G			13.69	GA	27	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		VALENT VOLCK SUPREME SPRAY	59639	20	AA		0 1/28/2001	G			136.87	GA	27	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		ROVRAL 4 FLOWABLE	264	482	AA		0 2/18/2001	G			1.25	GA	10	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		CLEAN CROP ZIRAM 76 WDG	34704	471	AA		0 2/18/2001	G			40	LB	10	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		MILLER NU-FILM-P	72	50003	AA		0 2/18/2001	G			0.47	GA	10	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		ROVRAL 4 FLOWABLE	264	482	AA		0 2/18/2001	G			3.38	GA	25	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		CLEAN CROP ZIRAM 76 WDG	34704	471	AA		0 2/18/2001	G			108	LB	25	A	1/10/2000	12/15/2004	
116	2001	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		MILLER NU-FILM-P	72	50003	AA		0 2/18/2001	G			25	A			1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		MILLER NU-FILM-17	72	50001	AA		0 7/13/2002	G			2.84	GA	30	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		OMITE-30W	400	82	AA		0 7/13/2002	G			212.84	LB	30	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		LORSBAN 4E-HF	62719	220	AA		0 7/13/2002	G			14.19	GA	30	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		RNA BUPHER	1050990	50015	AA		0 7/13/2002	G			181.62	OZ	30	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		MILLER NU-FILM-17	72	50001	AA		0 7/13/2002	G			0.66	GA	7	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		OMITE-30W	400	82	AA		0 7/13/2002	G			49.66	LB	7	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		LORSBAN 4E-HF	62719	220	AA		0 7/13/2002	G			3.31	GA	7	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		RNA BUPHER	1050990	50015	AA		0 7/13/2002	G			42.38	OZ	7	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		0 11/14/2002	G			0.18	GA	7	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		0 11/14/2002	G			0.75	GA	30	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		MILLER NU-FILM-P	72	50003	AA		0 2/23/2002	G			1.24	GA	27	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		CLEAN CROP ZIRAM 76 WDG	34704	471	AA		0 2/23/2002	G			108	LB	27	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		ROVRAL 4 FLOWABLE	264	482	AA		0 2/23/2002	G			3.4	GA	27	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		MILLER NU-FILM-P	72	50003	AA		0 2/23/2002	G			0.46	GA	10	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		CLEAN CROP ZIRAM 76 WDG	34704	471	AA		0 2/23/2002	G			40	LB	10	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		ROVRAL 4 FLOWABLE	264	482	AA		0 2/23/2002	G			1.26	GA	10	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		0 3/18/2002	G			1.12	GA	18.5	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA		0 3/18/2002	G			1.8	GA	18.5	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		OMITE-30W	400	82	AA		0 7/19/2003	G			1.88	GA	5	A	1/10/2000	12/15/2004	
116	2002	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		LORSBAN 4E	62719	220	AA		0 7/19/2003	G			2.5	GA	5	A	1/10/2000	12/15/2004	
116	2003	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		0 7/19/2003	G			64	OZ	5	A	1/10/2000	12/15/2004	
116	2003	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		OMITE-6E	400	89	AA		0 7/19/2003	G			11.66	GA	32	A	1/10/2000	12/15/2004	
116	2003	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		LORSBAN 4E-HF	62719	220	AA		0 7/19/2003	G			15.5	GA	32	A	1/10/2000	12/15/2004	
116	2003	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E		35 S/S ZEERING 1000FT E CROWSLNDG		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		0 7/19/2003	G			3.1	GA	32	A	1/10/2000	12/15/2004	
116	2003	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E		10 SE COR ZEERING & CROWSLNDG		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA												

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Applie	Applicatio	EPA use	g EPA use	u Treated	Q Treated	U/ Site	Active	Site Inactive	Date
116	2005	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		GOAL 2XL HERBICIDE		707	243 AA		0	4/6/2005	G			5.1	GA	35	A	1/10/2000	
116	2005	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		GLY-4 PLUS HERBICIDE		4787	23 AA	72693	4/6/2005	G		10.21	GA	35	A	1/10/2000			
116	2005	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		ORYZA AG		73917	4 AA		0	4/6/2005	G		7.66	GA	35	A	1/10/2000		
116	2005	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		GLY-4 PLUS HERBICIDE		4787	23 AA	72693	6/10/2005	G		10.21	GA	35	A	1/10/2000			
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	MILLER NU-FILM-17		72	50001 AA		0	7/26/2006	G		64	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	NUFOS 4E		67760	28 AA		0	7/26/2006	G		20	PT	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	MILLER NU-FILM-17		72	50001 AA		0	7/26/2006	G		448	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	NUFOS 4E		67760	28 AA		0	7/26/2006	G		140	PT	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	GLY-4 PLUS HERBICIDE		42750	61 AA	72693	8/16/2006	G		11.67	GA	35	A	1/10/2000			
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		SHARK EW		279	3242 AA		0	8/16/2006	G		46.67	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		GRAMOXONE INTECON		100	1217 AA		0	8/30/2006	G		5	GA	10	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		RNA BUFFER-ACTIVATOR		1050990	50003 AA		0	8/30/2006	G		0.5	GA	10	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BH		1050990	50006 AA		0	11/2/2006	G		40	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BH		1050990	50006 AA		0	11/2/2006	G		280	OZ	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG		GRAMOXONE INTECON		100	1217 AA		0	11/3/2006	G		1.88	GA	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG		SHARK EW		279	3242 AA		0	11/3/2006	G		1.88	GA	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		ORCHARD STAR		42750	19 ZA		0	11/3/2006	G		1.25	GA	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG		RNA METHOXYLATED OIL		1050990	50023 AA		0	11/3/2006	G		1.25	GA	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		GRAMOXONE INTECON		100	1217 AA		0	11/3/2006	G		13.13	GA	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		GOAL2XL		62719	424 AA		0	11/3/2006	G		8.75	GA	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG		ORCHARD STAR		42750	19 ZA		0	11/3/2006	G		8.75	GA	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG		RNA METHOXYLATED OIL		1050990	50023 AA		0	11/3/2006	G		6.76	GA	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BH		1050990	50006 AA		0	2/14/2006	G		64	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	DIMLIN 2L		400	461 AA		0	2/14/2006	G		64	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	KOCIDE 101		7001	65 ZA		0	2/14/2006	G		5	LB	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	VANGARD WG		100	828 ZA		0	2/14/2006	G		25	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BH		1050990	50006 AA		0	2/14/2006	G		408	OZ	32	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	DIMLIN 2L		400	461 AA		0	2/14/2006	G		409	OZ	32	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	KOCIDE 101		7001	65 ZA		0	2/14/2006	G		5	LB	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	VANGARD WG		100	828 ZA		0	2/14/2006	G		160	OZ	32	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BH		1050990	50006 AA		0	2/24/2006	G		64	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	PRISTINE FUNGICIDE		7969	199 AA		0	2/24/2006	G		64	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	RNA NON-IONIC & ANIONIC SPREADER-BH		1050990	50006 AA		0	2/24/2006	G		448	OZ	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	PRISTINE FUNGICIDE		7969	199 AA		0	2/24/2006	G		448	OZ	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	MILLER NU-FILM-17		72	50003 AA		0	2/23/2006	G		25	OZ	5	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A1	3001	ALMOND	4 05S	09E			10 SE COR ZEERING & CROWSLNDG	GWPA	ZIRAM 75 FUNGICIDE		4581	140 ZA		0	3/23/2006	G		16	LB	2	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	MILLER NU-FILM-17		72	50001 AA		0	3/23/2006	G		448	OZ	35	A	1/10/2000		
116	2006	5004688	NIEMEYER FARMS	NIEMEYER	TOM	P.O. BOX 1433	MODESTO	CA	95353-1 3804A2	3001	ALMOND	4 05S	09E			35 S/S ZEERING 1000FT E CRWSLNDG	GWPA	ZIRAM 75 FUNGICIDE		4581	140 ZA		0	3/23/2006</									

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use g	EPA use u	Treated Q	Treated U	Site Active	Site Inactive Date
116	2009	5004688	NIEMEYER FARMS	NIEMEYER	TOM	PO BOX 1433	MODESTO	CA	95353 3804A1	3001 ALMOND	4 05S	09E			5 LEACHING GWPA - NO USE	SE COR ZEERING & CROWSLNDG	OMNI SUPREME SPRAY	5905	368 AA			0 6/11/2009			2 GA		2 A		1/10/2009	
116	2009	5004688	NIEMEYER FARMS	NIEMEYER	TOM	PO BOX 1433	MODESTO	CA	95353 3804A2	3001 ALMOND	4 05S	09E			35 LEACHING GWPA - NO USE	S/S ZEERING 1000FT E CRWSLNDG	TEMPRANO	67760	71 AA	400	6/11/2009			448 OZ		35 A		1/10/2009		
116	2009	5004688	NIEMEYER FARMS	NIEMEYER	TOM	PO BOX 1433	MODESTO	CA	95353 3804A2	3001 ALMOND	4 05S	09E			35 LEACHING GWPA - NO USE	S/S ZEERING 1000FT E CRWSLNDG	AMOUN FLOWABLE FUNGICIDE	100	1098 AA			0 6/11/2009			448 OZ		35 A		1/10/2009	
116	2009	5004688	NIEMEYER FARMS	NIEMEYER	TOM	PO BOX 1433	MODESTO	CA	95353 3804A2	3001 ALMOND	4 05S	09E			35 LEACHING GWPA - NO USE	S/S ZEERING 1000FT E CRWSLNDG	OMNI SUPREME SPRAY	5905	368 AA			0 6/11/2009			35 GA		35 A		1/10/2009	
116	2008	5008114	NIEMEYER, TOM	NIEMEYER	TOM	122 EAST ZEERING	CERES	CA	95307 384A1	22005 CORN FOF	4 05S	09E			10 INSIDE GWPA	N/S ZEERING 1/4M E/CROWS LANDING	COMMIT 2 EC	490	104 ZA			0 7/9/2008			2.5 GA		10 A		6/23/2008	
116	2008	5008114	NIEMEYER, TOM	NIEMEYER	TOM	122 EAST ZEERING	CERES	CA	95307 384A1	22005 CORN FOF	4 05S	09E			10 INSIDE GWPA	N/S ZEERING 1/4M E/CROWS LANDING	AGRSOLUTIONS CORNERSTONE PLUS	136	192 AA			0 6/24/2008			1.25 GA		10 A		6/23/2008	
116	2009	5008114	NIEMEYER, TOM	NIEMEYER	TOM	122 EAST ZEERING	CERES	CA	95307 384A1	22006 OAT FORI	4 05S	09E			11 INSIDE GWPA	N/S ZEERING 1/4M E/CROWS LANDING	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	6/23/2009			2.48 GA		11 A		6/23/2008		
116	2009	5008114	NIEMEYER, TOM	NIEMEYER	TOM	122 EAST ZEERING	CERES	CA	95307 384A1	22006 OAT FORI	4 05S	09E			11 INSIDE GWPA	N/S ZEERING 1/4M E/CROWS LANDING	SHARK EW	279	3242 AA			0 2/2/2009			16.5 OZ		11 A		6/23/2008	
116	2009	5008114	NIEMEYER, TOM	NIEMEYER	TOM	122 EAST ZEERING	CERES	CA	95307 384A1	22006 OAT FORI	4 05S	09E			11 INSIDE GWPA	N/S ZEERING 1/4M E/CROWS LANDING	RNA BUFFER-ACTIVATOR	1050990	50003 AA			0 2/2/2009			0.28 GA		11 A		6/23/2008	
34	2002	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	WARRIOR INSECTICIDE	10182	96 ZA			0 4/5/2002			8.32 OZ		38 A		9/1/2000	3/26/2004	
53	2002	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	WARRIOR INSECTICIDE	10182	96 ZA			0 4/5/2002			8.32 OZ		38 A		9/1/2000	3/26/2004	
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	TENKZ BUCCANEER HERBICIDE	554	445 ZE			0 7/7/2003			5.5 GA		40 A		7/1/2003	3/26/2004	
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 A1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	CLARITY HERBICIDE	7969	137 AA			0 7/7/2003			2.5 GA		40 A		7/1/2003	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 A1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE 2220 NONIONIC SPREADER	11656	50087 ZA			0 7/7/2003			1 GA		40 A		7/1/2003	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 A1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 7/7/2003			10 GA		40 A		7/1/2003	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 A1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	CAPTURE 2 EC-CAL	279	3114 AA			0 7/29/2003			2 GA		40 A		7/1/2003	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	DIMETHOATE 4E	51036	110 AA			0 7/29/2003			5 GA		40 A		7/1/2003	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE 4E HERBICIDE	11656	50087 AA			0 11/28/2003			2.5 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE SOLAR METHYLATED SEED	11656	5100 AA			0 11/28/2003			2.5 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	BUTYRAC 200	42750	38 AA			0 11/28/2003			10 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	GRAMOXONE MAX	100	1074 AA			0 1/13/2003			6.5 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	RAPTOR HERBICIDE	241	379 AA			0 1/13/2003			1.88 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 11/3/2003			5 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE SOLAR METHYLATED SEED	11656	5100 AA			0 11/3/2003			5 GA		40 A		9/1/2000	3/26/2004
34	2003	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	23001 ALFALFA	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	NUFOS 4E	67760	28 AA			0 3/6/2003			8.75 GA		35 A		9/1/2000	3/26/2004
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	MON-52249 HERBICIDE	524	454 AA			0 6/30/2004			10 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	WFSI 2220	11656	50087 AA			0 6/30/2004			0.73 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 6/30/2004			5 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	TO ALFALFA	CAPTURE 2 EC-CAL	279	3114 AA			0 7/29/2004			256 OZ		40 A		5/4/2000	3/13/2001
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	TO ALFALFA	CAPTURE 2 EC-CAL	279	3114 AA			0 7/29/2004			396 OZ		40 A		5/4/2000	3/13/2001
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	TO ALFALFA	DREXEL DIMETHOATE 4EC	19713	231 AA			0 7/29/2004			40 PT		40 A		5/4/2000	3/13/2001
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 B1	22005 CORN FOF	4 06S	09E			80 SW COR MORGAN & BRADBURY	TO ALFALFA	DIMETHOATE 4E	51036	110 AA			0 7/29/2004			40 PT		40 A		5/4/2000	3/13/2001
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	DU POINT ACTIVE HERBICIDE	11656	50024 ZC			0 5/25/2004			2.5 LB		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE HERBICIDE ACTIVATOR	11656	50024 ZC			0 5/25/2004			2 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 5/25/2004			10 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	MON-52249 HERBICIDE	524	454 AA			0 6/30/2004			5 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	WFSI 2220	11656	50087 AA			0 6/30/2004			0.73 GA		40 A		3/26/2004	
34	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304B1	22005 CORN FOF	4 06S	09E			40 SW COR MORGAN & BRADBURY	DC FROM OATS/FOOD	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 6/30/2004			10 GA		40 A		3/26/2004	
53	2004	5005228	NUNES, ALFRED	AHID	OBELIA	5119 S. MORGAN	TURLOCK	CA	95380-9 4304A2	23001 ALF																				

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm r	EPA pestc	EPA alpha	EPA aux	co Date	Applie	Application	EPA use	g EPA use	u Treated	Q Treated	Ur Site	Active	Site inactive	Date
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA AGRI-DEX	5905	50017 AA	0	1/17/2002	G		1.07	GA	25	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GRAMOXONE EXTRA HERBICIDE	10182	280 AA	0	1/17/2002	G		120	OZ	5	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GOAL 2XL HERBICIDE	707	243 AA	0	1/17/2002	G		1.25	GA	5	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA AGRI-DEX	5905	50017 AA	0	1/17/2002	G		27.5	OZ	5	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		ROUNDUP ULTRA HERBICIDE	524	475 ZB	0	1/18/2002	G		1.88	GA	15	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		PROWL 3.3 EC HERBICIDE	241	437 AA	0	1/18/2002	G		7.5	OZ	15	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GOAL 2XL HERBICIDE	707	243 AA	0	1/18/2002	G		30	OZ	15	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		DIAZINON AG500 INSECTICIDE	5905	248 AA	0	1/21/2002	G		15	GA	30	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		OMNI SUPREME SPRAY	5905	368 AA	0	1/21/2002	G		60	GA	30	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA PENETRATOR	5905	50067 AA	0	1/21/2002	G		15	GA	30	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		ROVRAL 4 FLOWABLE	264	482 AA	0	2/25/2002	G		16	PT	16	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA PENETRATOR	5905	50067 AA	0	2/25/2002	G		99	OZ	33	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		ROVRAL 4 FLOWABLE	264	482 AA	0	3/4/2002	G		16	PT	16	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA PENETRATOR	5905	50067 AA	0	3/4/2002	G		128	OZ	16	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		MANEX	1812	251 AA	0	3/12/2002	G		35	GA	35	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA BAYFOLAN PLUS	5905	50057 AA	0	3/12/2002	G		17.5	GA	35	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		KINETIC	38167	50012 AA	0	3/12/2002	G		70	OZ	35	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		ROUNDUP HERBICIDE (WITHDRAWN)	524	445 ZB	0	5/16/2002	G		33	OT	33	A	1/1/2000	12/17/2004			
160,161	2002	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		ROUNDUP ULTRA HERBICIDE	524	475 ZB	0	7/1/2003	G		33	OT	33	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		POUNCE 3.2 EC	279	3014 AA	0	7/16/2003	G		0.68	GA	33	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		VENDEX 50WP	1812	413 AA	0	7/16/2003	G		43	LB	33	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		HELENA PENETRATOR	5905	50067 AA	0	7/16/2003	G		4	GA	33	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		LORSBAN-4E	62719	220 ZA	0	7/16/2003	G		13.2	GA	33	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		METHYL BROMIDE 98%	8538	19 AA	0	12/1/2003	G		120	LB	2	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		PRINCEP CALIBER 90 HERBICIDE	100	603 AA	0	1/3/2003	G		4.84	LB	2	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GRAMOXONE MAX	100	1074 AA	0	1/3/2003	G		1.36	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GRAMOXONE MAX	100	1074 AA	0	1/3/2003	G		1.41	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GRAMOXONE MAX	100	1074 AA	0	1/3/2003	G		1.88	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		PROWL 3.3 EC HERBICIDE	241	337 AA	0	1/3/2003	G		6.21	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GOAL 2XL HERBICIDE	707	243 AA	0	1/3/2003	G		1.23	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GOAL 2XL HERBICIDE	707	243 AA	0	1/3/2003	G		4.04	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		GOAL 2XL HERBICIDE	707	243 AA	0	1/3/2003	G		5.38	GA	20	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		DYNE-AMIC	5905	50071 AA	0	1/3/2003	G		0.78	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		DYNE-AMIC	5905	50071 AA	0	1/3/2003	G		0.81	GA	15	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		DYNE-AMIC	5905	50071 AA	0	1/3/2003	G		0.86	GA	20	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95307-9 B1	3001	ALMOND	34 04S	09E			50 1519 E. TAYLOR ROAD		ROVRAL 4 FLOWABLE	264	482 AA	0	2/2/2003	G		4.82	GA	40	A	1/1/2000	12/17/2004			
160,161	2003	5003281	OTTERSBACK, JON	OTTERSBACK	JON	1519 E. TAYLOR ROAD	CERES	CA	95																								

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	g	EPA use	u	Treated	U	Site Active	Site Inactive	Date
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SUPERIOR 415 SPRAY OIL	2935	542 ZC	0	7/17/2008	G			50	GA	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	NU-COP 50DF	45002	4 ZC	0	1/18/2008	G			40	LB	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	BRITZ 415 SUPREME SPRAY OIL	10951	15 ZA	0	1/18/2008	G			300	GA	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	ROVITAL 4 FLOWABLE	264	482 AA	0	2/25/2008	G			50	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYL-TAC	2935	50167 AA	0	2/25/2008	G			320	OZ	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	PRISTINE FUNGICIDE	7969	199 AA	0	3/7/2008	G			300	OZ	25	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYL-TAC	2935	50167 AA	0	3/7/2008	G			160	OZ	25	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	PRISTINE FUNGICIDE	7969	199 AA	0	3/7/2008	G			300	OZ	25	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYL-TAC	2935	50167 AA	0	3/7/2008	G			160	OZ	25	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	CAYUSE PLUS	2935	50171 AA	0	4/15/2008	G			10	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	ROUNDUP ORIGINAL MAX HERBICIDE	524	539 AA	0	4/15/2008	G			40	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	GOALTENDER	62719	447 ZA	0	4/15/2008	G			50	LB	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	PROWL H2O HERBICIDE	241	418 AA	0	4/15/2008	G			120	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYL-TAC	2935	50167 AA	0	4/15/2008	G			5	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	CAYUSE PLUS	2935	50171 AA	0	5/9/2008	G			40	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	ROUNDUP ORIGINAL MAX HERBICIDE	524	539 AA	0	5/9/2008	G			100	PT	50	A	12/17/2004					
160,161	2008	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	RELY 200 HERBICIDE	264	660 ZA	0	5/9/2008	G			240	PT	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	BRIGADE WS9 INSECTICIDE/MITICIDE	279	3108 AA	0	5/28/2009	G			50	PT	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYLGARD 309	2935	50167 AA	0	7/14/2009	G			160	OZ	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	INDAR 2F	62719	416 ZA	0	2/18/2009	G			256	OZ	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYL-TAC	2935	50167 AA	0	2/18/2009	G			320	OZ	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	PRISTINE FUNGICIDE	7969	199 AA	0	3/16/2009	G			580	OZ	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	SYL-TAC	2935	50167 AA	0	3/16/2009	G			320	OZ	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	CAYUSE PLUS	2935	50171 AA	0	5/28/2009	G			50	PT	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	RELY 200 HERBICIDE	264	660 ZA	0	5/28/2009	G			250	PT	50	A	12/17/2004					
160,161	2009	5003281	OTTERSBACH, JON	OTTERSBACH	JON	1519 E TAYLOR RD	CERES	CA	95307 293481	3001	ALMOND	34 04S	09E			50 LEACHING GWPA - NO 6800A USE	1519 E TAYLOR ROAD	GALIGAN SLAPSHOT	66222	107 ZA	0	5/28/2009	G			400	OZ	50	A	12/17/2004					
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7S	23001	ALFALFA	2 06S	08E			85 W/PEPPER BTW PRUNE/ELM		BUTOXONE 200 HERBICIDE	56077	26 AA	0	3/29/2001	A			63.75	GA	85	A	12/31/2000	12/1/2004				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		WARRIOR INSECTICIDE	10182	96 ZA	0	7/8/2001	A			2.13	GA	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		CONFIRM 2F AGRICULTURAL INSECTICIDE	707	238 AA	0	8/4/2001	A			6.25	GA	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		WARRIOR INSECTICIDE	10182	96 ZA	0	8/4/2001	A			1.25	GA	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		RED TOP GOLDBEN DEW	2935	50167 AA	0	8/12/2001	A			800	LB	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		MILLER NU-FILM-P	72	50003 AA	0	8/4/2001	A			2.5	GA	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		CONFIRM 2F AGRICULTURAL INSECTICIDE	707	238 AA	0	9/7/2001	A			6.25	GA	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		QUADRIS FLOWABLE FUNGICIDE	10182	415 ZB	0	9/7/2001	A			3.88	GA	80	A	3/1/2001	1/6/2002				
30	2001	5000995	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9LB7N	29136	TOMATO F	2 06S	08E			80 W/PEPPER BTW PRUNE & ELM		DREXEL DIMETHOATE 4EC	19713	231 AA	0	9/7/2001	A			1									

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	q	EPA use	u	Treated Q	Treated U	Site Active	Site Inactive Date
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		DIMETHOATE 4E	51036	110	AA			8/7/2003	G		8.8	GA	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA			8/7/2003	G		1.77	GA	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		RNA BUPHER	1050990	50015	AA			8/7/2003	G		3.55	GA	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		DJ PONT ASANA XL INSECTICIDE	352	515	AA			9/5/2003	A		5.25	GA	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		DREXEL DIMETHOATE 4EC	19713	231	AA			9/5/2003	A		8.75	GA	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		RNA BUPHER	1050990	50015	AA			9/5/2003	A		0.88	GA	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		DUAL MAGNUM HERBICIDE	100	816	ZA			6/9/2003	G		52.5	PT	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB4A	15001	BEAN DRRI	2 06S	08E		70 SE PRUNE & ELM		TENKOZ TRIFLURALIN 4 EMULSIFIABLE CC	62719	250	AA		55467	6/9/2003	G		105	PT	70	A	5/1/2003	11/14/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7N	15001	BEAN DRRI	2 06S	08E		80 W/PEPPER BTW PRUNE & ELM		DJ PONT ASANA XL INSECTICIDE	352	515	AA			7/29/2003	A		6	GA	80	A	5/1/2003	4/14/2004		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7N	15001	BEAN DRRI	2 06S	08E		80 W/PEPPER BTW PRUNE & ELM		COMITE	400	104	ZA			7/29/2003	A		20	GA	80	A	5/1/2003	4/14/2004		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7N	15001	BEAN DRRI	2 06S	08E		80 W/PEPPER BTW PRUNE & ELM		CLEAN CROP DIMETHOATE 400	34704	207	AA			7/29/2003	A		10	GA	80	A	5/1/2003	4/14/2004		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7N	15001	BEAN DRRI	2 06S	08E		80 W/PEPPER BTW PRUNE & ELM		RNA BUPHER	1050990	50015	AA			7/29/2003	A		80	A	5/1/2003	4/14/2004				
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7N	15001	BEAN DRRI	2 06S	08E		80 W/PEPPER BTW PRUNE & ELM		TENKOZ TRIFLURALIN 4 EMULSIFIABLE CC	62719	250	AA		55467	5/15/2003	G		120	PT	80	A	5/1/2003	4/14/2004		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB5	22005	CORN FOF	2 06S	08E		23 NE COR. MARSHALL/ELM AVES		DJ PONT ASANA XL INSECTICIDE	352	515	AA			8/13/2003	A		108	OZ	18	A	5/1/2003	12/11/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB5	22005	CORN FOF	2 06S	08E		23 NE COR. MARSHALL/ELM AVES		COMITE	400	104	ZA			8/13/2003	A		4.5	GA	18	A	5/1/2003	12/11/2003		
30	2003	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB5	29139	WHEAT	2 06S	08E		23 NE COR. MARSHALL/ELM AVES		WEEDAR 64 BROADLEAF HERBICIDE	71368	1	AA		264	2/17/2003	G		34.5	PT	23	A	10/1/2002	12/11/2003		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA			7/28/2004	G		1.23	GA	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		DREXEL DIMETHOATE 4EC	19713	231	AA			7/28/2004	G		4.21	GA	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		RNA BUPHER	1050990	50015	AA			7/28/2004	G		1.08	OZ	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		RNA ACTIVATOR 85	1050990	50016	AA			7/28/2004	G		72	OZ	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		DUAL MAGNUM HERBICIDE	100	816	AA			4/28/2004	G		90	PT	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		PROWL 3.3 EC HERBICIDE	241	337	AA			4/28/2004	G		135	PT	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		FOAST	7969	58	AA		51036	8/1/2004	G		112	PT	45	A	8/5/2003	11/30/2004		
33	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LA12	15001	BEAN DRRI	1 06S	08E		45 SE PRUNE & PEPPER		MSO CONCENTRATE METHYLATED SEED I	36208	50027	AA			8/1/2004	G		67.3	PT	45	A	8/5/2003	11/30/2004		
30	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7S	23001	ALFALFA	2 06S	08E		85 W/PEPPER BTW PRUNE/ELM		GRAMOXONE MAX	100	1074	AA			12/17/2004	G		52	PT	40	A	12/31/2000	12/1/2004		
30	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7S	23001	ALFALFA	2 06S	08E		85 W/PEPPER BTW PRUNE/ELM		DIREX 4L	1812	257	ZA			12/17/2004	G		128	PT	40	A	12/31/2000	12/1/2004		
30	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7S	23001	ALFALFA	2 06S	08E		85 W/PEPPER BTW PRUNE/ELM		RNA ACTIVATOR 85	1050990	50016	AA			12/17/2004	G		182.8	OZ	40	A	12/31/2000	12/1/2004		
30	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7S	23001	ALFALFA	2 06S	08E		85 W/PEPPER BTW PRUNE/ELM		WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA			3/12/2004	G		326.4	OZ	85	A	12/31/2000	12/1/2004		
30	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7S	23001	ALFALFA	2 06S	08E		85 W/PEPPER BTW PRUNE/ELM		RNA ACTIVATOR 85	1050990	50016	AA			3/12/2004	G		170	OZ	85	A	12/31/2000	12/1/2004		
30	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 LB7S	23001	ALFALFA	2 06S	08E		85 W/PEPPER BTW PRUNE/ELM		TREFLAN TR-10	62719	131	AA			4/1/2004	G		1700	LB	85	A	12/31/2000	12/1/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	15001	BEAN DRRI	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		MILLER NU-FILM-P	72	50003	AA			1/8/2002	G		158	PT	78	A	1/8/2002	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	15001	BEAN DRRI	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112	AA			8/12/2004	A		2.13	GA	78	A	1/8/2002	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	15001	BEAN DRRI	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		DREXEL DIMETHOATE 4EC	19713	231	AA			8/12/2004	A		7.31	GA	78	A	1/8/2002	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	15001	BEAN DRRI	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		KELTHANE MF	62719	405	ZA			8/12/2004	A		19.5	GA	78	A	1/8/2002	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	22007	WHEAT FC	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		HEADLINE FUNGICIDE	7969	186	AA			2/27/2004	G		4.99	GA	78	A	1/10/2003	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	22007	WHEAT FC	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		ULTRA 90-NF	17545	50021	AA			2/27/2004	A		1.21	GA	78	A	1/10/2003	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	22007	WHEAT FC	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS		DUAL MAGNUM HERBICIDE	100	816	AA			1/8/2002	G		158	PT	78	A	1/8/2002	11/30/2004		
109	2004	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-9 H18	15001	BEAN DRRI	35 05S	08E		78 BT PRUNE/POMEGRANATE W/PARADIS																		

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November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Applic Application	EPA use q	EPA use u	Treated Q	Treated U	Site Active	Site Inactive Date
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7N	29136	TOMATO F	2 06S	08E	08E	80 W/PEPPER BTW PRUNE & ELM	LB7N	CABRIO EG FUNGICIDE	7969	1877 AA	0	8/5/2005	CA	64 LB	80 A		1/1/2004	1/4/2006		
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7N	29136	TOMATO F	2 06S	08E	08E	80 W/PEPPER BTW PRUNE & ELM	LB7N	MILLER NU-FILM-P	72	5003 AA	2.5	GA	0	8/5/2005	CA	4	80 A		1/1/2004	1/4/2006
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7N	29136	TOMATO F	2 06S	08E	08E	80 W/PEPPER BTW PRUNE & ELM	LB7N	DUAL MAGNUM HERBICIDE	100	816 ZA	0	6/15/2005	CA	133.6 PT	80 A		1/1/2004	1/4/2006		
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7N	29136	TOMATO F	2 06S	08E	08E	80 W/PEPPER BTW PRUNE & ELM	LB7N	TRILIN	1812	355 AA	0	6/15/2005	CA	120 PT	80 A		1/1/2004	1/4/2006		
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7S	23001	ALFALFA	2 06S	08E	08E	85 W/PEPPER BTW PRUNE/ELM	LB7S	GRAMOXONE MAX	100	1074 AA	0	1/18/2005	CA	110.5 PT	85 A		12/31/2000			
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7S	23001	ALFALFA	2 06S	08E	08E	85 W/PEPPER BTW PRUNE/ELM	LB7S	DIREX 4L	1812	257 ZA	0	1/18/2005	CA	272 PT	85 A		12/31/2000			
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7S	23001	ALFALFA	2 06S	08E	08E	85 W/PEPPER BTW PRUNE/ELM	LB7S	RNA ACTIVATOR 85	1050990	50016 AA	0	1/18/2005	CA	25.5 PT	85 A		12/31/2000			
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7S	23001	ALFALFA	2 06S	08E	08E	85 W/PEPPER BTW PRUNE/ELM	LB7S	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA	0	3/3/2005	CA	297.5 OZ	85 A		12/31/2000			
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7S	23001	ALFALFA	2 06S	08E	08E	85 W/PEPPER BTW PRUNE/ELM	LB7S	RNA ACTIVATOR 85	1050990	50016 AA	0	3/3/2005	CA	148.75 OZ	85 A		12/31/2000			
30	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P7S	23001	ALFALFA	2 06S	08E	08E	85 W/PEPPER BTW PRUNE/ELM	LB7S	TREFLAN TR-10	100	131 AA	0	4/14/2005	CA	1700 LB	85 A		12/31/2000	12/1/2004		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P3N	29139	WHEAT	2 06S	08E	08E	65 SE POMEGRANATE & ELM	LB3N	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	2/11/2005	CA	65 PT	65 A		12/30/2004	10/18/2005		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P3N	29139	WHEAT	2 06S	08E	08E	65 SE POMEGRANATE & ELM	LB3N	RNA ACTIVATOR 85	1050990	50016 AA	0	2/11/2005	CA	65 A		12/30/2004	10/18/2005			
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P3S	29139	WHEAT	2 06S	08E	08E	65 SE POMEGRANATE & ELM	LB3S	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	2/11/2005	CA	65 PT	65 A		1/1/2004	10/18/2005		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P3S	29139	WHEAT	2 06S	08E	08E	65 SE POMEGRANATE & ELM	LB3S	RNA ACTIVATOR 85	1050990	50016 AA	0	2/11/2005	CA	104 OZ	65 A		1/1/2004	10/18/2005		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	22005	CORN FOF	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	CAYUSE PLUS	2935	50171 AA	0	7/21/2005	CA	448 OZ	35 A		1/4/2006	9/25/2006		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	22005	CORN FOF	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	TOUCHDOWN HERBICIDE	100	1117 AA	0	7/21/2005	CA	70 PT	35 A		1/4/2006	9/25/2006		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	22005	CORN FOF	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	DU PONT ASANA XL INSECTICIDE	352	515 AA	0	7/21/2005	CA	210 OZ	35 A		1/4/2006	9/25/2006		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	22005	CORN FOF	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	COMITE	400	104 ZA	0	8/1/2005	CA	8.75 GA	35 A		1/4/2006	9/25/2006		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	22005	CORN FOF	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	TENKOZ PERMETHRIN 3.2EC INSECTICIDE	279	3014 AA	55467	8/1/2005	CA	2.19 GA	35 A		1/4/2006	9/25/2006		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	29139	WHEAT	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	2/10/2005	CA	35 PT	35 A		12/30/2004	1/4/2006		
108	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94402P13	29139	WHEAT	2 06S	08E	08E	35 SE POMEGRANATE/ELM	LB13	RNA BUPHER	1050990	50015 AA	0	2/10/2005	CA	56 OZ	35 A		12/30/2004	1/4/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	CAYUSE PLUS	2935	50171 AA	0	7/19/2005	CA	578 OZ	45 A		9/25/2006	11/6/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	TOUCHDOWN HERBICIDE	100	1117 AA	0	7/19/2005	CA	90 PT	45 A		9/25/2006	11/6/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	DU PONT ASANA XL INSECTICIDE	352	515 AA	0	7/19/2005	CA	270 OZ	45 A		9/25/2006	11/6/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	COMITE	400	104 ZA	0	8/1/2005	CA	11.25 GA	45 A		9/25/2006	11/6/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	TENKOZ PERMETHRIN 3.2EC INSECTICIDE	279	3014 AA	55467	8/1/2005	CA	2.81 GA	45 A		9/25/2006	11/6/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29139	WHEAT	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	2/4/2005	CA	10 PT	10 A		12/30/2004	1/4/2006		
33	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29139	WHEAT	1 06S	08E	08E	45 SE PRUNE & PEPPER	LA12	RNA ACTIVATOR 85	1050990	50016 AA	0	2/4/2005	CA	16 OZ	10 A		12/30/2004	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	LI 700	36208	50022 AA	0	7/11/2005	CA	158 PT	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	DICOFOL 4E	66222	56 AA	0	7/11/2005	CA	156 PT	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	DREXEL DIMETHOATE 4EC	19713	231 AA	0	8/13/2005	CA	58.5 PT	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	DREXEL DIMETHOATE 4EC	19713	231 AA	0	8/13/2005	CA	9.75 GA	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA	0	8/13/2005	CA	2.34 GA	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	DICOFOL 4E	66222	56 AA	0	8/13/2005	CA	19.5 GA	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	RNA BUPHER	1050990	50015 AA	0	8/13/2005	CA	2.92 GA	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	RNA ACTIVATOR 85	1050990	50016 AA	0	8/13/2005	CA	1.46 GA	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	DUAL MAGNUM HERBICIDE	100	816 ZA	0	8/13/2005	CA	158 PT	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	15001	BEAN DRRI	35 05S	08E	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	HI8	PROWL 3.3 EC HERBICIDE	241	337 AA	0	6/8/2005	CA	156 PT	78 A		1/8/2002	1/4/2006		
109	2005	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	15001	BEAN DRRI	35 05S	08E	08E	25 NE COR. PRUNE & PEPPER AVES	HI11	LI 700	36208	50022 AA										

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	q	EPA use	u	Treated Q	Treated U	Site Active	Site Inactive	Date
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29103	BARLEY	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		RNA ACTIVATOR 85	1050990	50016 AA		0	1/26/2006	G		9.9 PT	45 A			1/4/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		OBERON 25C INSECTICIDE/MITICIDE	264	719 AA		0	6/25/2006	G		3 GA	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		RNA SI 100	1050990	50022 AA		0	6/25/2006	G		13 OZ	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		POUNCE 3.2 EC	279	3014 AA		0	6/25/2006	G		2.11 GA	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		CAYUSE PLUS	2935	50171 AA		0	6/15/2006	G		45 PT	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		TOUCHDOWN HERBICIDE	100	1117 AA		0	6/15/2006	G		90 PT	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		TENKOZ PERMETHRIN 3.2EC INSECTICIDE	279	3014 AA		55467	6/15/2006	G		270 PT	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		CAYUSE PLUS	2935	50171 AA		0	6/12/2006	G		45 PT	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		TOUCHDOWN HERBICIDE	100	1117 AA		0	6/12/2006	G		90 PT	45 A			9/25/2006				
33	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	22005	CORN FOF	1 06S	08E	45 SE PRUNE & PEPPER	L1A2		POUNCE 3.2 EC	279	3014 AA		0	6/12/2006	G		270 OZ	45 A			9/25/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		RNA BUPHER	1050990	50015 AA		0	8/1/2006	G		0.63 GA	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		CLARITY HERBICIDE	7969	137 AA		0	6/22/2006	G		250 OZ	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		MILLER NU-FLM-P	72	50003 AA		0	8/1/2006	G		0.59 GA	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22006	OAT FORI	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA		71968	1/26/2006	G		25 PT	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22006	OAT FORI	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		RNA ACTIVATOR 85	1050990	50016 AA		0	1/26/2006	G		5.5 PT	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22006	OAT FORI	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		SHARK HERBICIDE	279	3194 AA		0	3/27/2006	G		7.5 OZ	10 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22006	OAT FORI	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		RNA ACTIVATOR 85	1050990	50016 AA		0	3/27/2006	G		1.579 PT	10 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		CLARITY HERBICIDE	7969	137 AA		0	6/22/2006	G		250 OZ	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		RNA ACTIVATOR 85	1050990	50016 AA		0	6/22/2006	G		25 PT	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		TENKOZ PERMETHRIN 3.2EC INSECTICIDE	279	3014 AA		55467	6/22/2006	G		150 PT	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		OBERON 25C INSECTICIDE/MITICIDE	264	719 AA		0	6/25/2006	G		1.6 GA	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		RNA SI 100	1050990	50022 AA		0	6/25/2006	G		8 OZ	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		POUNCE 3.2 EC	279	3014 AA		0	6/25/2006	G		1.2 GA	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		RNA ACTIVATOR 85	1050990	50015 AA		0	6/13/2006	G		25 PT	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		DU PONT ACCENT HERBICIDE	352	5602 ZA		0	1/13/2006	G		16.5 OZ	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	22005	CORN FOF	35 05S	08E	25 NE COR. PRUNE & PEPPER AVES	H111		MSO CONCENTRATE	34704	50029 AA		0	6/13/2006	G		25 PT	25 A			1/4/2006	11/6/2006			
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		RAPTOR HERBICIDE	241	379 AA		0	11/29/2006	G		312 OZ	78 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		PURSUIT HERBICIDE	241	310 ZA		0	11/29/2006	G		312 OZ	78 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		BUTYRAC 200	42750	38 AA		0	11/29/2006	G		78 PT	78 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		MSO CONCENTRATE	34704	50029 AA		0	11/29/2006	G		78 PT	78 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		DU PONT VELDAR L HERBICIDE	352	392 ZA		0	12/2/2006	G		130 PT	65 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		DU PONT VELDAR L HERBICIDE	352	392 ZA		0	12/2/2006	G		130 PT	65 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		DU PONT VELDAR L HERBICIDE	352	392 ZA		0	12/2/2006	G		130 PT	65 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		DU PONT VELDAR L HERBICIDE	352	392 ZA		0	12/15/2006	G		34 PT	65 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	29139	WHEAT	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA		71968	2/6/2006	G		78 PT	78 A			1/4/2006				
109	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	29139	WHEAT	35 05S	08E	78 BT PRUNE/POMEGRANATE W/PARADIS	H118		RNA ACTIVATOR 85	1050990	50016 AA		0	2/6/2006	G		17.16 PT	78 A			1/4/2006				
29	2006	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTER																										

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	g EPA use	u Treated	Q Treated	U/ Site	Active	Inactive Date
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	DIMETHOATE 4E	51036	110	AA	0	8/22/2007	G		5.63	GA	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	MICRO-SULF	55146	75	AA	0	8/22/2007	G		225	LB	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	FIRST CHOICE NO FOAM B	FIRST CHOICE NO FOAM B		11656	50009	ZB	0	8/22/2007	G		0.56	GA	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	ECHO 720 AGRICULTURAL FUNGICIDE	60063	7	ZA	0	8/22/2007	G		16.88	GA	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	DU PONT ASANA XL INSECTICIDE	352	515	AA	0	8/22/2007	G		2.11	GA	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	ECHO 720 AGRICULTURAL FUNGICIDE	60063	7	ZA	0	8/22/2007	G		16.88	GA	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	DEVIRINOL 2-EC SELECTIVE HERBICIDE	70506	64	AA	0	3/29/2007	G		180	OT	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	DUAL MAGNUM HERBICIDE	100	816	ZA	0	6/1/2007	G		990	OZ	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	TENKOZ TRIFLURALIN 4EC HERBICIDE	66222	46	AA	55467	6/1/2007	G		1080	OZ	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	DU PONT MATRIX HERBICIDE	352	505	AA	0	6/6/2007	G		90	OZ	45	A	1/1/2007			
33	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-94401P12	29136	TOMATO F	1	06S	08E	45	SE PRUNE & PEPPER	SE PRUNE & PEPPER	FIRST CHOICE BREAK-THRU	11656	50095	AA	0	6/6/2007	G		360	OZ	45	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	POAST	7969	58	AA	0	8/27/2007	G		100	OZ	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	MSO CONCENTRATE	34704	50029	AA	0	8/27/2007	G		25	PT	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	PROWL H2O HERBICIDE	241	418	AA	0	12/15/2007	G		50	OT	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	SENCOR DF 75% DRY FLOWABLE HERBICI	264	738	AA	0	12/15/2007	G		12.5	LB	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	RNA ACTIVATOR 85	1050990	50016	AA	0	12/15/2007	G		53.3333	OZ	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	PURSUIT HERBICIDE	241	310	ZA	0	2/7/2007	G		100	OZ	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	RAPTOR HERBICIDE	241	379	AA	0	2/7/2007	G		100	OZ	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	BUTYRAC 200	42750	98	AA	0	2/7/2007	G		25	PT	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	MSO CONCENTRATE	34704	50029	AA	0	2/7/2007	G		25	PT	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P11	23001	ALFALFA	35	05S	08E	25	NE COR. PRUNE & PEPPER AVES	NE COR. PRUNE & PEPPER AVES	TREFLAN TR-10	62719	131	AA	0	5/9/2007	G		500	LB	25	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	SILENCER	66222	104	AA	0	3/16/2007	G		299.52	OZ	78	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	DREXEL DIMETHOATE 4EC	19713	231	AA	0	3/16/2007	G		58.5	PT	78	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	RNA TRI-AD 73	1050990	50011	AA	0	3/16/2007	G		78	PT	78	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	SILENCER	66222	104	AA	0	3/21/2007	G		195	OZ	78	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	DREXEL DIMETHOATE 4EC	19713	231	AA	0	3/21/2007	G		39	PT	78	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	RNA TRI-AD 73	1050990	50011	AA	0	3/21/2007	G		15.21	PT	78	A	1/1/2007			
109	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93735P8	23001	ALFALFA	35	05S	08E	78	BT PRUNE/POMEGRANATE W/PARADIS	BT PRUNE/POMEGRANATE W/PARADIS	TREFLAN TR-10	62719	131	AA	0	5/9/2007	G		640	LB	32	A	1/1/2007			
29	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93736P30	29139	WHEAT	36	05S	08E	10	14M E/PARADISE 1/4M S PRUNE	14M E/PARADISE 1/4M S PRUNE	SHARK EW	279	3242	AA	0	2/21/2007	G		10	OZ	10	A	1/1/2007	7/6/2007		
29	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93736P30	29139	WHEAT	36	05S	08E	10	14M E/PARADISE 1/4M S PRUNE	14M E/PARADISE 1/4M S PRUNE	NUFURAM RHOMENNE MCPA BROADLEAF HE	228	148	AA	71988	2/21/2007	G		10	PT	10	A	1/1/2007	7/6/2007		
29	2007	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363-93736P30	29139	WHEAT	36	05S	08E	10	14M E/PARADISE 1/4M S PRUNE	14M E/PARADISE 1/4M S PRUNE	RNA ACTIVATOR 85	1050990	50011	AA	0	2/21/2007	G		12	OZ	10	A	1/1/2007	7/6/2007		
54, 76, 1'	2008	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363 3736P15	23001	ALFALFA	36	05S	08E	15	14M N/PRUNE/PARADISE AVES	14M N/PRUNE/PARADISE AVES	RNA TRI-AD 73	1050990	50011	AA	0	7/24/2008	A		0.19	GA	15	A	1/1/2007			
54, 76, 1'	2008	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363 3736P15	23001	ALFALFA	36	05S	08E	15	14M N/PRUNE/PARADISE AVES	14M N/PRUNE/PARADISE AVES	CLEAN CROP MALATHION 8 AQUAMUL	34704	474	AA	0	7/24/2008	A		2.81	GA	15	A	1/1/2007			
54, 76, 1'	2008	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363 3736P15	23001	ALFALFA	36	05S	08E	15	14M N/PRUNE/PARADISE AVES	14M N/PRUNE/PARADISE AVES	RNA TRI-AD 73	1050990	50011	AA	0	8/21/2008	A		0.38	GA	15	A	1/1/2007			
54, 76, 1'	2008	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363 3736P15	23001	ALFALFA	36	05S	08E	15	14M N/PRUNE/PARADISE AVES	14M N/PRUNE/PARADISE AVES	CLEAN CROP MALATHION 8 AQUAMUL	34704	474	AA	0	8/21/2008	A		2.81	GA	15	A	1/1/2007			
109	2008	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363 3735P11	23001	ALFALFA	35	05S	08E	25	OUTSIDE GWPA	NE COR. PRUNE & PEPPER AVES	RNA TRI-AD 73	1050990	50011	AA	0	7/24/2008	A		0.31	GA	25	A	1/1/2007			
109	2008	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363 3735P11</																								

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use q	EPA use u	Treated Q	Treated U	Site Active	Site Inactive Date
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPN	23001	ALFALFA	35 05S	08E	20 1/4M E/ELM BTW POMEGRANATE/APR	HI9N	GRAMOXONE INTECON	100	1217 AA	0	1/12/2009	G			40	PT	20	A	5/12/2005		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPN	23001	ALFALFA	35 05S	08E	20 1/4M E/ELM BTW POMEGRANATE/APR	HI9N	DIURON 4L HERBICIDE	34704	854 AA	0	1/12/2009	G			64	PT	20	A	5/12/2005		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPN	23001	ALFALFA	35 05S	08E	20 1/4M E/ELM BTW POMEGRANATE/APR	HI9N	RNA HOLD-ON	1050990	50018 AA	0	1/12/2009	G			1.66	QT	20	A	5/12/2005		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPN	23001	ALFALFA	35 05S	08E	20 1/4M E/ELM BTW POMEGRANATE/APR	HI9N	SILENCER	66222	104 AA	0	3/16/2009	G			76	6Z	20	A	5/12/2005		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPN	23001	ALFALFA	35 05S	08E	20 1/4M E/ELM BTW POMEGRANATE/APR	HI9N	RNA HOLD-ON	1050990	50018 AA	0	3/16/2009	G			160	6Z	20	A	5/12/2005		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPN	23001	ALFALFA	35 05S	08E	20 1/4M E/ELM BTW POMEGRANATE/APR	HI9N	GOWAN TRIFLURALIN 10G	10163	120 AA	0	5/2/2009	G			400	LB	20	A	5/12/2005		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPS	23001	ALFALFA	35 05S	08E	62 OUTSIDE GWPA	HI9N	GOWAN TRIFLURALIN 10G	10163	120 AA	0	4/28/2009	G			1240	LB	62	A	1/8/2002		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPS	23001	ALFALFA	35 05S	08E	62 OUTSIDE GWPA	HI9N	RNA TRI-AD 73	1050990	50011 AA	0	3/11/2009	G			62	PT	62	A	1/8/2002		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735SPS	23001	ALFALFA	35 05S	08E	62 OUTSIDE GWPA	HI9N	SILENCER	66222	104 AA	0	3/11/2009	G			2236.08	OZ	62	A	1/8/2002		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	3735PPS	23001	ALFALFA	35 05S	08E	62 OUTSIDE GWPA	HI9N	DIMETHOATE 400	34704	207 ZA	0	3/11/2009	G			744	OZ	62	A	1/8/2002		
109	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7N	23001	ALFALFA	2 06S	08E	80 OUTSIDE GWPA	W/PEPPER BTWN PRUNE & ELM	GRAMOXONE INTECON	100	1217 AA	0	1/13/2009	G			160	PT	80	A	1/1/2007		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7N	23001	ALFALFA	2 06S	08E	80 OUTSIDE GWPA	W/PEPPER BTWN PRUNE & ELM	DIURON 4L HERBICIDE	34704	854 AA	0	1/13/2009	G			3264	OZ	80	A	1/1/2007		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7N	23001	ALFALFA	2 06S	08E	80 OUTSIDE GWPA	W/PEPPER BTWN PRUNE & ELM	RNA HOLD-ON	1050990	50018 AA	0	1/13/2009	G			6.66	QT	80	A	1/1/2007		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7N	23001	ALFALFA	2 06S	08E	80 OUTSIDE GWPA	W/PEPPER BTWN PRUNE & ELM	GOWAN TRIFLURALIN 10G	10163	120 AA	0	5/15/2009	G			800	LB	80	A	1/1/2007		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7N	23001	ALFALFA	2 06S	08E	80 OUTSIDE GWPA	W/PEPPER BTWN PRUNE & ELM	SILENCER	66222	104 AA	0	6/1/2009	G			152	OZ	40	A	1/1/2007		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7N	23001	ALFALFA	2 06S	08E	80 OUTSIDE GWPA	W/PEPPER BTWN PRUNE & ELM	ACTIVATOR 90	34704	50034 AA	0	6/1/2009	G			40	PT	40	A	1/1/2007		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7S	23001	ALFALFA	2 06S	08E	85 OUTSIDE GWPA	W/PEPPER BTW PRUNE/ELM	RNA TRI-AD 73	1050990	50011 AA	0	3/13/2009	G			85	GA	85	A	12/31/2000		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7S	23001	ALFALFA	2 06S	08E	85 OUTSIDE GWPA	W/PEPPER BTW PRUNE/ELM	SILENCER	66222	104 AA	0	3/13/2009	G			3264	OZ	85	A	12/31/2000		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7S	23001	ALFALFA	2 06S	08E	85 OUTSIDE GWPA	W/PEPPER BTW PRUNE/ELM	DIMETHOATE 400	34704	207 ZA	0	3/13/2009	G			1020	OZ	85	A	12/31/2000		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7S	22005	CORN FOF	2 06S	08E	85 OUTSIDE GWPA	W/PEPPER BTW PRUNE/ELM	GLYFOS X-TRA HERBICIDE	4787	23 ZA	0	6/26/2009	G			160	PT	80	A	11/21/2008		
108	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4402P7S	22005	CORN FOF	2 06S	08E	85 OUTSIDE GWPA	W/PEPPER BTW PRUNE/ELM	ULTRA 90-NF	17545	50021 AA	0	6/26/2009	G			128	OZ	80	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	DU PONT AVANTAGE	352	597 AA	0	7/6/2009	G			157.5	OZ	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	DU PONT ANASA XL INSECTICIDE	352	515 AA	0	7/6/2009	G			315	OZ	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	CABRIO EG FUNGICIDE	7969	187 AA	0	7/6/2009	G			720	LB	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	MICROSULF	55146	75 ZA	0	7/6/2009	G			225	LB	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	ACTIVATOR 90	34704	50034 AA	0	7/6/2009	G			180	OZ	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	DU PONT LANNATE METHOMYL INSECTICI	352	342 AA	0	7/14/2009	A			22.5	LB	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	INTREPID 2F	62719	442 AA	0	7/14/2009	A			3.52	GA	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	CABRIO EG FUNGICIDE	7969	187 AA	0	7/14/2009	A			45	LB	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	MICRO-SULF	55146	75 ZA	0	7/14/2009	A			225	LB	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	ACTIVATOR 90	34704	50034 AA	0	7/14/2009	A			180	OZ	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	ACTIVATOR 90	34704	50034 AA	0	7/6/2009	G			720	OZ	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	ABOUND FLOWABLE FUNGICIDE	100	1098 AA	0	7/29/2009	A			1.76	GA	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	DU PONT ANASA XL INSECTICIDE	352	515 AA	0	7/29/2009	A			2.11	GA	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	MICRO-SULF	55146	75 ZA	0	7/29/2009	A			225	LB	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	INTREPID 2F	62719	442 AA	0	7/29/2009	A			2.81	GA	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	DIURON 4L HERBICIDE	34704	854 AA	0	7/29/2009	A			1020	OZ	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	ETHREL BRAND ETHEPHON PLANT REGUL	264	267 ZC	0	8/21/2009	G			70	PT	35	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM	DALTON	DOUG	2012 APPLE AVENUE	PATTERSON	CA	95363	4401P12	29136	TOMATO F	1 06S	08E	45 SE PRUNE & PEPPER	OUTSIDE GWPA	DUAL MAGNUM HERBICIDE	100	816 ZA	0	4/30/2009	G			72	PT	45	A	11/21/2008		
33	2009	5000095	PATTERSON WESTSIDE FARM																												

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Apply	Application	EPA use	u	reated	U	Site Active	Site Inactive	Date
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		VANGARD WG	100	828 AA			0 2/25/2001 G			7.18 LB	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		KOCIDE DF	1812	334 AA			0 2/25/2001 G			23 LB	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		KINETIC	38167	50012 AA			0 2/25/2001 G			69 OZ	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		TOPSIN M FUNGICIDE	4581	322 AA			0 3/11/2001 G			23 LB	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		CAPTAN 50 WETTABLE POWDER	51036	166 AA			0 3/11/2001 G			92 LB	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		KINETIC	38167	50012 AA			0 3/11/2001 G			69 OZ	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		TOPSIN M FUNGICIDE	4581	322 AA			0 3/11/2001 G			23 LB	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		CAPTAN 50 WETTABLE POWDER	51036	166 AA			0 3/11/2001 G			92 LB	23 A		2/3/2000	2/9/2006			
167	2001	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		KINETIC	38167	50012 AA			0 3/11/2001 G			69 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		DU PONT ASANA XL INSECTICIDE	352	515 AA			0 7/19/2002 G			1.8 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		OMITE-6E	400	89 AA			0 7/19/2002 G			8.63 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA			0 7/19/2002 G			1.44 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		DU PONT ASANA XL INSECTICIDE	352	515 AA			0 7/19/2002 G			1.8 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		OMITE-6E	400	89 AA			0 7/19/2002 G			8.63 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006 AA			0 7/19/2002 G			1.44 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA BUPHER	1050990	50015 AA			0 12/30/2002 G			5.75 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		GOWAN DIAZINON 4E	10163	100 AA			0 12/30/2002 G			11.5 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA			0 12/30/2002 G			52 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA			0 12/30/2002 G			92 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA SI 100	1050990	50022 AA			0 12/30/2002 G			34.5 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA BUPHER	1050990	50015 AA			0 12/31/2002 G			5.75 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		GOWAN DIAZINON 4E	10163	100 AA			0 12/31/2002 G			11.5 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA			0 12/31/2002 G			52 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA SI 100	1050990	50022 AA			0 12/31/2002 G			34.5 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		PRINCEP 4L	100	526 ZB			0 12/1/2002 G			2.19 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA ACTIVATOR 85	1050990	50016 AA			0 12/1/2002 G			56.08 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		AMBUSH INSECTICIDE	10182	18 AA			0 1/19/2002 G			1.8 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		NJ-COP 50DF	51036	269 AA			0 1/19/2002 G			184 LB	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA			0 1/19/2002 G			138 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA SI 100	1050990	50022 AA			0 1/19/2002 G			34.5 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		ROUNDUP ULTRAMAX HERBICIDE	524	512 AA			0 1/21/2002 G			2.63 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		GOAL 2XL HERBICIDE	707	243 AA			0 1/21/2002 G			43.81 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A5	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		SOLICAM DF HERBICIDE	100	849 AA			0 1/21/2002 G			13.14 LB	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		AMBUSH INSECTICIDE	10182	18 AA			0 1/20/2002 G			1.8 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		NJ-COP 50DF	51036	269 AA			0 1/20/2002 G			184 LB	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA			0 1/20/2002 G			138 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		RNA SI 100	1050990	50022 AA			0 1/20/2002 G			34.5 OZ	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MARCOS	RENTERIA	MARCOS JR.	6342 CENTRAL AVENUE	CERES	CA	95307-9 A4	3001	ALMOND	34 04S	09E			23 SW KEYES AND BLAKER		ROUNDUP ULTRAMAX HERBICIDE	524	512 AA			0 1/20/2002 G			2.63 GA	23 A		2/3/2000	2/9/2006			
167	2002	5004021	RENTERIA, MAR																														

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux co	Date	Apply	Application	EPA use g	EPA use u	Treated Q	Us Site Active	Site Inactive Date	
90	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	G1	23001	ALFALFA	33	05S	09E	15 2301 MORGAN		DIREX 4L	1812	257	AA	0	12/8/2002	G		3.75	GA	15	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	G1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA BUPHER	1050990	50015	AA	0	7/26/2002	G		128	OZ	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	G1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		OMITE-30WS	400	427	AA	0	7/26/2002	G		150	LB	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	A5	22006	OAT FORI	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	1/4M S MNTE VSTA & EAST C.L. R	RHOMENE MCPA AMINE HERBICIDE	11685	19	AA	264	12/13/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	A5	22006	OAT FORI	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	1/4M S MNTE VSTA & EAST C.L. R	RNA ACTIVATOR 85	1050990	50016	AA	0	12/13/2002	G		0.8	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	A5	22006	OAT FORI	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	1/4M S MNTE VSTA & EAST C.L. R	BUCTRL 4 EC HERBICIDE	264	540	AA	0	12/13/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA TRI-AD 73	1050990	50011	AA	0	12/31/2002	G		1	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		GLY-4 HERBICIDE	4787	31	AA	72693	12/31/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		2, 4-D AMINE 4 HERBICIDE	42750	19	AA	0	12/31/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		VALENT VOLCK SUPREME SPRAY	59639	20	AA	0	1/30/2002	G		100	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		SUCCESS	62719	50001	AA	0	1/30/2002	G		100	OZ	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		KOICIDE 101	1812	288	AA	0	2/26/2002	G		2	GA	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA BUPHER	1050990	50015	AA	0	1/30/2002	G		256	OZ	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA	0	3/21/2002	G		1	GA	10	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA	0	3/21/2002	G		63	GA	10	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA	0	3/16/2002	G		1	GA	10	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA	0	3/16/2002	G		0.63	GA	10	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		NU-FLOW M SEED TREATMENT FUNGICIDI	1050990	50016	AA	0	2/26/2002	G		20	LB	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		KOICIDE 101	1812	288	AA	0	2/26/2002	G		20	LB	20	A	1/21/2000	1/16/2004
140, 151,	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA	0	2/26/2002	G		2	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA BUPHER	1050990	50015	AA	0	7/26/2002	G		128	OZ	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		OMITE-30WS	400	427	AA	0	7/26/2002	G		150	LB	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	A5	22006	OAT FORI	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	1/4M S MNTE VSTA & EAST C.L. R	RHOMENE MCPA AMINE HERBICIDE	11685	19	AA	264	12/13/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	A5	22006	OAT FORI	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	1/4M S MNTE VSTA & EAST C.L. R	RNA ACTIVATOR 85	1050990	50016	AA	0	12/13/2002	G		0.8	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	A5	22006	OAT FORI	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	1/4M S MNTE VSTA & EAST C.L. R	BUCTRL 4 EC HERBICIDE	264	540	AA	0	12/13/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA TRI-AD 73	1050990	50011	AA	0	12/31/2002	G		1	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		GLY-4 HERBICIDE	4787	31	AA	72693	12/31/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		2, 4-D AMINE 4 HERBICIDE	42750	19	AA	0	12/31/2002	G		2.5	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		VALENT VOLCK SUPREME SPRAY	59639	20	AA	0	1/30/2002	G		100	GA	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		SUCCESS	62719	50001	AA	0	1/30/2002	G		100	OZ	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		KOICIDE 101	1812	288	AA	0	2/26/2002	G		20	LB	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA BUPHER	1050990	50015	AA	0	1/30/2002	G		256	OZ	20	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA	0	3/21/2002	G		1	GA	10	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA	0	3/21/2002	G		63	GA	10	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ABOUND FLOWABLE FUNGICIDE	10182	415	ZA	0	3/16/2002	G		1	GA	10	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA	0	3/16/2002	G		0.63	GA	10	A	1/21/2000	1/16/2004
159	2002	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		NU-FLOW M SEED TREATMENT FUNGICIDI	1050990	50016	AA	0	2/26								

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November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	u	Used	Q	Treated	U	Site Active	Site Inactive	Date
159	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A5	22005	CORN FOJ	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	14M S MNTE VSTA & EAST C.L. R	DU PONT ACCENT SP HERBICIDE	352	560	AA		6/10/2003	G				13.4	OZ	20	A	1/21/2000	1/16/2004		
159	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A5	22005	CORN FOJ	9	05S	09E	20 1/4M S MNTE VSTA & EAST C.L. R	14M S MNTE VSTA & EAST C.L. R	RNA ACTIVATOR 85	1050990	50016	AA		6/10/2003	G			1	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		OMITE-6E	400	89	AA		8/5/2003	G			60	PT	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		8/5/2003	G			256	OZ	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		KOICIDE 101	1812	288	AA		1/21/2003	G			200	LB	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		AMBRUSH INSECTICIDE	10182	18	AA		1/21/2003	G			256	OZ	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		VALENT VOLCK SUPREME SPRAY	59639	20	AA		1/21/2003	G			100	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		GRAMOXONE MAX	100	1074	AA		1/25/2003	G			6.25	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		GOAL 2XL HERBICIDE	707	243	AA		1/25/2003	G			5	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA ACTIVATOR 85	1050990	50016	AA		1/25/2003	G			1	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		VANGARD WG	100	828	AA		2/21/2003	G			100	OZ	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		KOICIDE DF	1812	334	AA		2/21/2003	G			19	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ABOUND FLOWABLE FUNGICIDE	10182	415	2A		3/11/2003	G			2	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		3/11/2003	G			2	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ROUNDUP HERBICIDE (WITHDRAWN)	524	445	2B		4/30/2003	G			7.5	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		GOAL 2XL HERBICIDE	707	243	AA		4/30/2003	G			1	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		ORCHARD STAR	42750	19	2A		4/30/2003	G			7.5	GA	20	A	1/21/2000	1/16/2004			
140, 151,	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	C1	3001	ALMOND	9	05S	09E	20 SE CORN OF MONTE VISTA & BYSTRM		RNA TRI-AD 73	1050990	50011	AA		4/30/2003	G			1	GA	20	A	1/21/2000	1/16/2004			
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22005	CORN FOJ	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	COMITE	400	104	2A		7/2/2003	A			4.5	GA	18	A	1/21/2000	1/16/2004			
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22006	OAT FORI	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	SHARK HERBICIDE	279	3194	AA		12/16/2003	G			18	OZ	18	A	1/21/2000	1/16/2004			
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22006	OAT FORI	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	RHOMENE MCPA AMINE HERBICIDE	11685	19	AA		264	12/16/2003	G			2.25	GA	18	A	1/21/2000	1/16/2004		
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22006	OAT FORI	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	RNA ACTIVATOR 85	1050990	50016	AA		12/16/2003	G			0.72	GA	18	A	1/21/2000	1/16/2004			
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22005	CORN FOJ	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	SEVIN 5 BAIT	34704	23	AA		5/21/2003	G			180	LB	18	A	1/21/2000	1/16/2004			
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22005	CORN FOJ	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	DU PONT ACCENT SP HERBICIDE	1050990	50016	AA		6/10/2003	G			12.06	OZ	18	A	1/21/2000	1/16/2004			
103	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	A3	22005	CORN FOJ	4	05S	09E	18 1/4M E CRWS LNDNG N MNTE VISTA	14M E CRWS LNDNG N MNTE VISTA	RNA ACTIVATOR 85	1050990	50016	AA		10/20/2003	G			0.9	GA	18	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	OMITE-6E	400	89	AA		7/23/2003	G			60	PT	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	LORSBAN 4E-HF	62719	220	AA		7/23/2003	G			80	PT	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	RNA NON-IONIC & ANIONIC SPREADER-BI	1050990	50006	AA		7/23/2003	G			256	OZ	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	FERTI-BUFFER	1051069	50001	AA		7/23/2003	G			128	OZ	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	KOICIDE 101	1812	288	AA		1/21/2003	G			190	LB	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	AMBRUSH INSECTICIDE	10182	18	AA		1/21/2003	G			273	OZ	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	VALENT VOLCK SUPREME SPRAY	59639	20	AA		1/21/2003	G			95	GA	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	GRAMOXONE MAX	100	1074	AA		1/25/2003	G			5.94	GA	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	RNA ACTIVATOR 85	1050990	50016	AA		1/25/2003	G			0.95	GA	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	VANGARD WG	100	828	AA		2/14/2003	G			95	OZ	19	A	1/21/2000	1/16/2004			
117	2003	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	E1	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	19 549 E. MONTE VISTA	KOICIDE DF	1812	334	AA		2/14/2003	G			19	LB	19	A	1/21/2000	1/16/2004			
117	2003																																	

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	Co Date	Applie	Application	EPA use	u	Used	Q	Treated	U	Site	Active	Site Inactive	Date
117	2006	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	380E-04	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	FLOOD	ABOUND FLOWABLE FUNGICIDE	100	1098	AA		0	5/28/2006	G				243.2	OZ	19	A		1/16/2004		
117	2006	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3.80E-04	3001	ALMOND	4	05S	09E	19 549 E. MONTE VISTA	FLOOD	FARMSAVER.COM ABBA 0.15 EC	72167	43	AA		73220	5/28/2006	G				190	OZ	19	A		1/16/2004		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22005	CORN FOI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	WESTLINK AG SPREADER BUFFER	1051117	50002	AA		0	7/21/2007	G			112	OZ	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22005	CORN FOI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	OBERON 250 INSECTICIDE/MITICIDE	264	719	AA		0	7/21/2007	G			2.26	GA	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	CLARITY HERBICIDE	7969	137	AA		0	12/28/2007	G			0.55	GA	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	NUFARM RHOMENE MCPA BROADLEAF HE	228	143	AA		71368	12/28/2007	G			4.38	GA	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	SHARK EW	279	3242	AA		0	12/28/2007	G			35	OZ	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	RNA BUFFER-ACTIVATOR	1050990	50003	AA		0	12/28/2007	G			0.88	GA	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22005	CORN FOI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	SEVIN 5 BAIT	2935	366	ZA		0	6/1/2007	G			350	LB	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22005	CORN FOI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	DUPONT STEADFAST HERBICIDE	352	608	AA		0	6/28/2007	G			1.64	LB	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22005	CORN FOI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	ORACLE DICAMBA AGRICULTURAL HERBK	36658	14	AA		0	6/28/2007	G			2.19	GA	35	A		1/30/2007		
90	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3833F1	22005	CORN FOI	33	05S	09E	35 GWPA - RUNOFF	2301	MORGAN	RNA BUFFER-ACTIVATOR	1050990	50003	AA		0	6/28/2007	G			0.75	GA	30	A		1/16/2004		
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22005	CORN FOI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	WESTLINK AG SPREADER BUFFER	1051117	50002	AA		0	7/7/2007	G			96	OZ	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22005	CORN FOI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	OBERON 250 INSECTICIDE/MITICIDE	264	719	AA		0	7/7/2007	G			1.99	GA	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22006	OAT FORI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	CLARITY HERBICIDE	7969	137	AA		0	12/28/2007	G			0.47	GA	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22006	OAT FORI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	NUFARM RHOMENE MCPA BROADLEAF HE	228	143	AA		71368	12/28/2007	G			3.75	GA	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22006	OAT FORI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	SHARK EW	279	3242	AA		0	12/28/2007	G			30	OZ	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22006	OAT FORI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	RNA BUFFER-ACTIVATOR	1050990	50003	AA		0	6/28/2007	G			0.75	GA	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22006	OAT FORI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	NUFARM RHOMENE MCPA BROADLEAF HE	228	143	AA		71368	11/5/2007	G			1.01	GA	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22006	OAT FORI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	CLARITY HERBICIDE	7969	137	AA		0	11/5/2007	G			0.94	GA	30	A		1/16/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22005	CORN FOI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	SEVIN 5 BAIT	2935	366	ZA		0	6/1/2007	G			300	LB	30	A		11/6/2004			
58	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809A4	22005	CORN FOI	9	05S	09E	30 GWPA	SE COR MONTE VISTA & C.L. RD	SE COR MONTE VISTA & C.L. RD	GLY-4 PLUS HERBICIDE	42750	61	AA		72693	6/15/2007	G			7.5	GA	30	A		1/16/2004		
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	SHARK EW	279	3242	AA		0	7/13/2007	G			25.45	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	SE COR OF MONTE VISTA & BYSTRM	GLY-4 PLUS HERBICIDE	42750	61	AA		72693	7/13/2007	G			6.36	GA	20	A		1/16/2004		
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	RIVERDALE DRI-CLEAN HERBICIDE	228	260	2B		0	7/13/2007	G			21.48	LB	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	GRAMOXONE INTEON	100	1217	AA		0	8/9/2007	G			10	GA	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	SHARK EW	279	3242	AA		0	8/9/2007	G			40	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	MISO CONCENTRATE METHYLATED SEED	36208	50027	AA		0	8/9/2007	G			5	GA	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	WESTLINK AG SPREADER BUFFER	1051117	50002	AA		0	11/10/2007	G			128	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	IPRODIONE 4L AG	51036	340	AA		0	2/28/2007	G			20	PT	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	INTREPID 2F	62719	442	AA		0	2/28/2007	G			200	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	SUPER 94 SPRAY OIL	34704	464	ZA		0	2/28/2007	G			20	GA	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	WESTLINK AG SPREADER 90	1051117	50003	AA		0	3/15/2007	G			65.6	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	PRISTINE FUNGICIDE	7969	199	AA		0	3/15/2007	G			256	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	GLY-4 PLUS HERBICIDE	42750	61	AA		72693	2/8/2007	G			4.17	GA	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	95358	3809C1	3001	ALMOND	9	05S	09E	20 GWPA	SE COR OF MONTE VISTA & BYSTRM	SHARK EW	279	3242	AA		0	2/28/2007	G			16.67	OZ	20	A		1/16/2004			
159	2007	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDNG RD	MODESTO	CA	953																											

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November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	EPA use U	Treated Q	Trt'd U	Site Active	Site Inactive Date
117	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	SEVIN 5 BAIT	2935	366 ZA	0	5/15/2008	G			180 LB	18	A	1/16/2004		
117	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	GLY-4 PLUS HERBICIDE	42750	61 AA	72693	6/6/2008	G			4.5 GA	18	A	1/16/2004		
117	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	YUKON HERBICIDE	81880	6 AA	10163	6/6/2008	G			7Z OZ	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	RNA SI 100	1050990	50022 AA	0	7/28/2008	G			2.7 OZ	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	COMITE	400	104 ZA	0	7/28/2008	G			5.63 GA	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22006	OAT FORI	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	SHARK EW	279	3242 AA	0	11/26/2008	G			0.14 GA	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22006	OAT FORI	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	11/26/2008	G			2.25 GA	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22006	OAT FORI	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	CLARITY HERBICIDE	7969	1307 AA	0	11/26/2008	G			0.28 GA	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22006	OAT FORI	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	WESTLINK AG SPREADER 90	1051117	5003 AA	0	11/26/2008	G			0.45 GA	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	SEVIN 5 BAIT	2935	366 ZA	0	5/15/2008	G			180 LB	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	GLY-4 PLUS HERBICIDE	42750	61 AA	72693	6/6/2008	G			4.5 GA	18	A	1/16/2004		
103	2008	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3804A3	22005	CORN FOF	4	05S	09E	18	GWPA-L	14M E CRWS LNDRG N MNTE VISTA	YUKON HERBICIDE	81880	6 AA	10163	6/6/2008	G			7Z OZ	18	A	1/16/2004		
90	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35	GWPA - NO 6800 PESTICIDES	2301 MORGAN	CMR EMBRACE PLUS	1050775	50028 AA	0	1/22/2009	G			4.38 GA	35	A	1/30/2007		
90	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35	GWPA - NO 6800 PESTICIDES	2301 MORGAN	SHARK EW	279	3242 AA	0	1/22/2009	G			0.27 GA	35	A	1/30/2007		
90	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35	GWPA - NO 6800 PESTICIDES	2301 MORGAN	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	1/22/2009	G			4.38 GA	35	A	1/30/2007		
90	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35	GWPA - NO 6800 PESTICIDES	2301 MORGAN	BANVEL HERBICIDE	66330	276 AA	0	1/22/2009	G			0.55 GA	35	A	1/30/2007		
90	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3833F1	22006	OAT FORI	33	05S	09E	35	GWPA - NO 6800 PESTICIDES	2301 MORGAN	WESTLINK AG SPREADER 90	1051117	5003 AA	0	1/22/2009	G			0.88 GA	35	A	1/30/2007		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	WESTLINK AG SPREADER 90	1051117	5003 AA	0	3/11/2009	G			0.5 LB	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	NO FOAM A	1050775	50015 AA	0	7/16/2009	G			0.78 GA	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	INTREPID 2F	62719	442 AA	0	8/1/2009	A			1.25 GA	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	NO FOAM A	1050775	50015 AA	0	8/1/2009	A			0.5 GA	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	WARRIOR II WITH ZEON TECHNOLOGY	100	1295 AA	0	3/11/2009	G			0.3 GA	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	NUFOS 4E	67760	28 AA	0	3/11/2009	G			2.5 GA	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	WESTLINK AG SPREADER 90	1051117	5003 AA	0	3/11/2009	G			0.5 LB	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A5	23001	ALFALFA	9	05S	09E	20	GWPA - NO 6800 PESTICIDES	14M S MNTE VISTA & EAST C.L. R	DIMETHOATE 4E	66330	223 AA	0	5/24/2009	G			2.5 GA	20	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	DU POINT STEWARD INSECTICIDE	352	598 AA	0	7/16/2009	G			0.5 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	NO FOAM A	1050775	50015 AA	0	7/16/2009	G			0.08 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	INTREPID 2F	62719	442 AA	0	8/1/2009	A			0.5 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	NO FOAM A	1050775	50015 AA	0	8/1/2009	A			0.2 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	WARRIOR II WITH ZEON TECHNOLOGY	100	1295 AA	0	3/11/2009	G			0.8 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	NUFOS 4E	67760	28 AA	0	3/11/2009	G			1.0 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	WESTLINK AG SPREADER 90	1051117	5003 AA	0	3/11/2009	G			0.2 GA	8	A	1/16/2004		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A6	23001	ALFALFA	9	05S	09E	8	GWPA - NO 6800 PESTICIDES	E/S C.L. RD S. OF MONTE VISTA	DIMETHOATE 4E	66330	223 AA	0	5/24/2009	G			1 GA	8	A	1/16/2004		
140, 151,	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809J1	22005	CORN FOF	9	05S	09E	9	GWPA - NO 6800 PESTICIDES	S/S BLISS, 1/16TH MI E/S BYSTRUM	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA	0	7/12/2009	A			0.6 GA	9	A	1/13/2009		
140, 151,	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809J1	22005	CORN FOF	9	05S	09E	9	GWPA - NO 6800 PESTICIDES	S/S BLISS, 1/16TH MI E/S BYSTRUM	NO FOAM A	1050775	50015 AA	0	7/12/2009	A			0.23 GA	9	A	1/13/2009		
140, 151,	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809J1	22005	CORN FOF	9	05S	09E	9	GWPA - NO 6800 PESTICIDES	S/S BLISS, 1/16TH MI E/S BYSTRUM	SEVIN 5 BAIT	2935	366 ZA	0	5/20/2009	G			90 LB	9	A	1/13/2009		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A4	23001	ALFALFA	9	05S	09E	30	GWPA - NO 6800 PESTICIDES	SE COR MONTE VISTA & C.L. RD	DU POINT STEWARD INSECTICIDE	352	598 AA	0	7/16/2009	G			0.78 GA	30	A	1/15/2008		
58	2009	5004495 S & S DAIRY	BYLSMA	DARIN	5870 CROWSLANDING RD	MODESTO	CA	95358	3809A4	23001	ALFALFA	9	05S	09E	30	GWPA - NO 6800 PESTICIDES	SE COR MONTE VISTA &														

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive Date
32	2005	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		VANGARD WG		100	828 AA		0	2/22/2005			3.13 LB	10 A		2/18/2004	
32	2005	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE SPREADER STICKER	11656	50021 ZB		0	2/22/2005			0.47 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE SPREADER STICKER	11656	50021 ZB		0	7/18/2006			0.5 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		DU PONT ASANA XL INSECTICIDE	352	515 AA		0	7/18/2006			7.1 OZ	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE ULTRA PRO	11656	50099 AA		0	1/29/2006			0.9 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		GALIGAN 2E OXYFLUORFEN HERBICIDE	66222	28 AA		0	3/29/2006			2.5 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FARMSAVER.COM ORYZALIN 4 A.S.	72167	17 AA		73220	1/29/2006			2.5 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		BUCCANEER GLYPHOSATE HERBICIDE	524	445 ZA		55467	1/29/2006			1.5 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE SPREADER STICKER	11656	50021 ZB		0	2/22/2006			8.0 OZ	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		VANGARD WG	100	828 AA		0	2/22/2006			50 OZ	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE SPREADER STICKER	11656	50021 ZB		0	3/22/2006			8.0 OZ	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		PRISTINE	1672	52 AE		0	3/22/2006			10 A			2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		TENKOZ BUCCANEER PLUS HERBICIDE	524	454 AA		55467	1/26/2006			1.5 GA	4 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		GALIGAN 2E OXYFLUORFEN HERBICIDE	66222	28 AA		0	1/26/2006			2.5 GA	4 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		SURFLAN AS SPECIALTY HERBICIDE	70506	44 AA		0	1/26/2006			2.5 GA	4 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE ULTRA PRO	11656	50099 AA		0	1/26/2006			0.9 GA	4 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		FIRST CHOICE GAVICIDE SUPER 90	11656	96 AA		0	6/3/2006			10 GA	10 A		2/18/2004		
32	2006	5004651	SEARS, ALFRED	SEARS	ALFRED	5107 MORGAN RD	CERES	CA	95307 2928A1	3001	ALMOND	28 04S	09E			10 5107 MORGAN RD		AGRI-MEK 0.15 EC MITTICIDE/INSECTICIDE	100	98 ZA		0	6/3/2006			0.8 GA	10 A		2/18/2004		
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		DIREX 4L HERBICIDE	352	678 AA		0	12/12/2007		10 GA		40 A	2/20/2007			01006	
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		FIRESTORM	82557	1 AA		400	12/12/2007		5 GA		40 A	2/20/2007			01006	
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		DU PONT VELPAR L HERBICIDE	352	392 ZA		0	12/12/2007		10 GA		40 A	2/20/2007			01006	
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		RNA BUFFER-ACTIVATOR	1050990	50003 AA		0	12/12/2007		2.5 GA		40 A	2/20/2007			01006	
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	100	1112 AA		0	3/24/2007		1 GA		40 A	2/20/2007			01006	
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		ULTRA 90-NF	34704	452 ZA		0	3/24/2007		5 GA		40 A	2/20/2007			01006	
6	2005	5005936	SILVA, GILBERT	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	-95313 3821C1	23001	ALFALFA	21 05S	09E			40 OUT/1/4 M N LINWOOD W OF MORGAN		WESTLINK AG SPREADER BUFFER	1051117	50002 AA		0	3/24/2007		1 GA		40 A	2/20/2007			01006	
6	2001	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		PERMIT HERBICIDE	524	465 ZA		0	6/21/2001			1.87 LB	30 A		3/1/2002	1/15/2004
6	2001	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		MONTEREY X-100	17545	50017 AA		0	6/21/2001			1.5 GA	30 A		3/1/2002	1/15/2004
6	2002	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		ROUNDUP ULTRAMAX HERBICIDE	524	512 AA		0	5/31/2002			8 GA	40 A		3/1/2002	1/15/2004
6	2002	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		DU PONT ACCENT HERBICIDE	352	560 ZA		0	5/31/2002			10 OZ	15 A		3/1/2002	1/15/2004
6	2002	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		LOVELAND INDUSTRIES HERBIMAX OIL-SU	36208	50011 AA		0	5/31/2002			1 GA	15 A		3/1/2002	1/15/2004
6	2002	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		MONTEREY X-100	17545	50017 AA		0	5/31/2002			0.72 GA	15 A		3/1/2002	1/15/2004
6	2003	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		DU PONT ACCENT HERBICIDE	352	560 ZA		0	5/23/2003			1.17 LB	28 A		3/1/2002	1/15/2004
6	2003	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		ULTRA 90-NF	17545	50021 AA		0	5/23/2003			1.4 GA	28 A		3/1/2002	1/15/2004
6	2003	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		YUKON HERBICIDE	33906	11 AA		524	5/23/2003			10.5 LB	28 A		3/1/2002	1/15/2004
6	2004	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		DU PONT ACCENT HERBICIDE	352	560 ZA		0	5/15/2004			26.8 OZ	40 A		3/1/2002	1/15/2004
6	2004	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		ULTRA 90-NF	17545	50021 AA		0	5/15/2004			2 GA	40 A		3/1/2002	1/15/2004
6	2004	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		ULTRA 90-NF	17545	50021 AA		524	5/15/2004			15 GA	40 A		3/1/2002	1/15/2004
6	2005	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		DU PONT STEADFAST HERBICIDE	352	608 AA		0	6/7/2005			18.8 LB	40 A		3/1/2002	1/15/2004
6	2005	5003813	SILVA, ART	SILVA	12636 WEST MAIN	CROWS LANDING	CA	95313-9 A11	22005	CORN FOJ	21 05S	09E			40 SE COR WEST MAIN/CROWS LANDING		DC FROM OATS		CLARITY HERBICIDE	7969	137 AA		0	6/7/2005			2.5 GA	40 A		3/1/2002	1/15/2004
6	2005	50038																													

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	EPA use u	Treated Q	Site Active	Site Inactive Date
78	2007	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821A2	23001	ALFALFA	21 05S	09E	15	10354 CROWS LANDING RD	10354 CROWS LANDING RD	WESTLINK AG SPREADER BUFFER	105117	5002 AA			0 3/24/2007	G		0.3 GA	12 A		1/20/2005	
6	2008	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	DUPONT DIREX 4L HERBICIDE	352	678 AA			0 12/6/2008	G		10 GA	40 A		2/20/2007	
6	2008	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	FIRESTORM	82557	1 AA		400	12/6/2008	G		5 GA	40 A		2/20/2007	
6	2008	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	DU PONT VELDAR L HERBICIDE	352	392 ZA			0 12/6/2008	G		10 GA	40 A		2/20/2007	
6	2008	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	RNA BUFFER-ACTIVATOR	1050990	5003 AA			0 12/6/2008	G		10 GA	40 A		2/20/2007	
78	2008	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821A1	22005	CORN FOJ	21 05S	09E	36.9	OUTSIDE GWPA	10354 CROWS LANDING RD	NUFOS 4E	6780	28 AA			0 7/31/2008	A		9.22 GA	36 A		2/20/2007	
78	2008	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821A1	23001	ALFALFA	21 05S	09E	52	SPRING 07- OAT INTERPLANT INTO ALFALFA	10354 CROWS LANDING RD /OUTSIDE GWPA	DU PONT VELDAR L HERBICIDE	352	392 ZA			0 12/7/2008	G		5 GA	20 A		3/15/2004	
6	2009	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	CLEAN CROP MALATHION 8 AQUAMUL	34704	474 AA			0 3/24/2009	G		6.25 GA	40 A		2/20/2007	
6	2009	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	FIRST CHOICE NO FOAM A	11656	50089 ZA			0 3/24/2009	G		0.81 GA	40 A		2/20/2007	
6	2009	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821C1	23001	ALFALFA	21 05S	09E	40	OUTSIDE GWPA	1/4 M N LINWOOD W OF MORGAN	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0 3/24/2009	G		1.2 GA	40 A		2/20/2007	
78	2009	5005936	SILVA, GILBERT	SILVA	GILBERT	10354 CROWS LANDING	CROWSLANDING	CA	95313 3821A1	22005	CORN FOJ	21 05S	09E	16.7	OUTSIDE GWPA	10354 CROWS LANDING RD	AGRISOLUTIONS CORNERSTONE PLUS	1381	192 AA			0 6/15/2009	G		5 GA	16.7 A		2/20/2007	
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22005	CORN FOJ	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	CAPTURE 2 EC-CAL	228	143 AA			0 7/6/2003	G		1.44 GA	23 A		1/17/2001	1/22/2003
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22005	CORN FOJ	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	CLARITY HERBICIDE	7969	137 AA			0 7/6/2003	G		2.2 GA	35 A		4/9/2004	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22005	CORN FOJ	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 7/6/2003	G		8.75 GA	35 A		4/9/2004	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22005	CORN FOJ	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	DIMETHOATE 4E	51036	110 AA			0 7/6/2003	G		20.6 GA	165 A		4/9/2004	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA		71368	12/18/2003	G		8.75 GA	140 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	SHARK HERBICIDE	279	3194 AA			0 12/18/2003	G		5.77 LB	140 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA		71368	12/18/2003	G		8.75 GA	140 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22006	OAT FORI	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	SHARK HERBICIDE	279	3194 AA			0 12/19/2003	A		15 OZ	23 A		1/17/2001	1/22/2003
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22006	OAT FORI	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 12/19/2003	A		2.88 GA	23 A		1/17/2001	1/22/2003
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	SHARK HERBICIDE	279	3194 AA			0 12/19/2003	A		15 OZ	23 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 12/19/2003	A		2.88 GA	23 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	BUCTRIL 4 EC HERBICIDE	264	540 AA			0 2/5/2003	G		2.3 GA	20 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA			0 2/5/2003	G		1.25 GA	20 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	RHOMENE MCPA AMINE HERBICIDE	11685	19 AA		264	2/5/2003	G		2.5 GA	20 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 2/17/2003	G		17.5 GA	140 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	RHOMENE MCPA AMINE HERBICIDE	11685	19 AA		264	2/17/2003	G		26.25 GA	140 A		12/9/2003	12/13/2004
61	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22005	CORN FOJ	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	RED-TOP SEVIN 5 PELLETS	2935	366 AA			0 5/30/2003	G		165 LB	165 A		4/9/2004	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22005	CORN FOJ	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	CAPTURE 2 EC-CAL	279	3114 AA			0 7/6/2003	G		0.8 GA	20 A		4/9/2004	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22005	CORN FOJ	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	CLARITY HERBICIDE	7969	137 AA			0 7/6/2003	G		4.0 OZ	5 A		4/9/2004	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22005	CORN FOJ	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	FIRST CHOICE ULTRA PRO	11656	50099 AA			0 7/6/2003	G		5.4 GA	5 A		4/9/2004	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22005	CORN FOJ	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	DIMETHOATE 4E	51036	110 AA			0 7/6/2003	G		2.5 GA	20 A		4/9/2004	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22007	WHEAT FC	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA		71368	12/18/2003	G		1.25 GA	20 A		12/9/2003	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22007	WHEAT FC	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	SHARK HERBICIDE	279	3194 AA			0 12/18/2003	G		13.2 OZ	20 A		12/9/2003	12/13/2004
158	2003	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A2	22005	CORN FOJ	34 05S	09E	20	NE COR. BLAKER & BRADBURY	20 NE COR. BLAKER & BRADBURY	RED-TOP SEVIN 5 PELLETS	2935	366 AA			0 5/30/2003	G		200 LB	20 A		4/9/2004	12/13/2004
61	2004	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9383A4S	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	RIVERDALE MCPA-4 AMINE	228	143 AA			0 12/23/2004	G		10 GA	110 A		12/13/2004	
61	2004	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9383A4S	22007	WHEAT FC	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	SHARK HERBICIDE	279	3194 AA			0 12/23/2004	G		6.8 GA	110 A		12/13/2004	
61	2004	5003378	SOUZA, MARGO	SOUZA	MARGO	3812 SOUTH MORGAN ROAD	TURLOCK	CA	95380-9A5	22005	CORN FOJ	34 05S	09E	165	NE COR BRADBURY AND MORGAN	NE COR BRADBURY AND MORGAN	SEVIN 5 BAIT	2935	366 ZA			0 5/30/2004	G		1650 LB	165 A</			

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Data Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	u	Treated	U	Site Active	Site Inactive Date
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		COMITE	400	104	AA			0	7/14/2001	A	15	GA	60	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		LORSPAN 4E-HF	62719	220	AA			0	7/14/2001	A	11.25	GA	60	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22005	CORN FOF	21	05S	09E	5 11412 WEST MAIN		COMITE	400	104	AA			0	7/14/2001	A	1.25	GA	5	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		COMITE	400	104	AA			0	7/14/2001	A	9	GA	36	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		DU PONT ACCENT SP HERBICIDE	352	560	AA			11.39	OZ	17	A	11.39	OZ	17	A	1/28/2000	2/9/2004
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		DU PONT LANNATE METHOMYL INSECTICI	352	342	AA			2	LB	4	A	2	LB	4	A	1/28/2000	2/9/2004
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		COMITE	400	104	AA			0	7/25/2001	A	4.25	LB	17	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		RNA BUPHER	1050990	50016	AA			0	7/29/2001	A	0.98	GA	30	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		LORSPAN 4E-HF	62719	220	AA			0	7/29/2001	A	7.5	GA	30	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		BANVEL HERBICIDE	55947	1	AA			0	6/19/2001	G	50.5	PT	96	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		DU PONT ACCENT SP HERBICIDE	352	560	AA			0	6/19/2001	G	67.67	OZ	96	A	1/28/2000	2/9/2004	
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		RNA BUFFER-ACTIVATOR	1050990	50016	AA			0	6/19/2001	G	96	A	1/28/2000	2/9/2004			
66, 79	2001	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		PERMIT HERBICIDE	524	465	ZA			0	6/19/2001	G	101	OZ	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		COMITE	400	104	AA			0	7/5/2002	A	12.5	GA	50	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22006	OAT FORI	21	05S	09E	5 11412 WEST MAIN		RNA ACTIVATOR 85	1050990	50016	AA			0	11/3/2002	A	16	OZ	5	A	1/3/2002	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22006	OAT FORI	21	05S	09E	5 11412 WEST MAIN		BUCTRIL 4 EC HERBICIDE	264	540	AA			0	11/3/2002	A	5	PT	5	A	1/3/2002	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22006	OAT FORI	21	05S	09E	5 11412 WEST MAIN		RHOMENE MCPA AMINE HERBICIDE	11685	19	AA			264	11/3/2002	A	5	PT	5	A	1/3/2002	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22006	OAT FORI	21	05S	09E	5 11412 WEST MAIN		RNA BUFFER-ACTIVATOR	1050990	50016	AA			0	11/3/2002	A	2	GA	60	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		BUCTRIL 4 EC HERBICIDE	264	540	AA			0	11/3/2002	A	12	GA	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		RHOMENE MCPA AMINE HERBICIDE	11685	19	AA			264	11/3/2002	A	12	GA	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22006	OAT FORI	21	05S	09E	17 W/S W. MAIN 1/8M W OF MORGAN		RNA ACTIVATOR 85	1050990	50016	AA			0	11/3/2002	A	54.4	OZ	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22006	OAT FORI	21	05S	09E	17 W/S W. MAIN 1/8M W OF MORGAN		BUCTRIL 4 EC HERBICIDE	264	540	AA			0	11/3/2002	A	2.12	GA	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22006	OAT FORI	21	05S	09E	17 W/S W. MAIN 1/8M W OF MORGAN		RHOMENE MCPA AMINE HERBICIDE	11685	19	AA			264	11/3/2002	A	2.12	GA	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22005	CORN FOF	21	05S	09E	5 11412 WEST MAIN		DUAL MAGNUM HERBICIDE	100	816	AA			0	5/13/2002	G	1.04	GA	5	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A3	22005	CORN FOF	21	05S	09E	5 11412 WEST MAIN		WARRIOR INSECTICIDE WITH ZEON TECH	10182	434	ZA			0	5/13/2002	G	0.15	GA	5	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		DUAL MAGNUM HERBICIDE	100	816	AA			0	5/13/2002	G	20.04	GA	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		WARRIOR INSECTICIDE WITH ZEON TECH	10182	434	ZA			0	5/13/2002	G	2.88	GA	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		DU PONT ACCENT SP HERBICIDE	352	560	AA			0	6/20/2002	G	11.39	OZ	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		RNA ACTIVATOR 85	1050990	50016	AA			0	6/20/2002	G	0.64	GA	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		DU PONT ACCENT SP HERBICIDE	352	560	AA			0	6/3/2002	G	2.5	LB	60	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		RNA CROP OIL CONCENTRATE 1915	1050990	50016	AA			0	6/18/2002	G	9	GA	60	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		COMITE	400	104	AA			0	4/14/2002	A	4.25	GA	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		COMITE	400	104	AA			0	7/13/2003	A	4.25	GA	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		SEVIN 5 BAIT	34704	23	AA			0	5/20/2003	G	960	LB	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		SEVIN 5 BAIT	34704	23	AA			0	5/20/2003	G	170	LB	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A2	22005	CORN FOF	21	05S	09E	17 N/S W. MAIN 1/8M W OF MORGAN		SEVIN 5 BAIT	34704	23	AA			0	5/27/2003	G	170	LB	17	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		DU PONT ACCENT SP HERBICIDE	352	560	AA			0	6/10/2003	G	6.02	GA	96	A	1/28/2000	2/9/2004	
66, 79	2002	5005152	SOUZA, RAY	GOIS	MARIO	11412 WEST MAIN	TURLOCK	CA	95380-9A1	22005	CORN FOF	21	05S	09E	96 11412 WEST MAIN		CLARITY HERBICIDE	7969	137	AA			0	6/10/2003	G	6.02						

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Sig Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive Date
66, 79	2008	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A	22006	OAT FORI	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	SHARK EW	279	3242 AA	0	12/4/2008	G		127.58 OZ	96 A		2/9/2004			
66, 79	2008	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A1	22006	OAT FORI	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	RNA BUFFER-ACTIVIATOR	1050990	50003 AA	2.4	GA	0	12/4/2008	G	2.4	GA	96 A	2/9/2004		
66, 79	2008	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22006	OAT FORI	21 05S	09E		5 OUTSIDE GWPA	11412 WEST MAIN	BANVEL	51036	289 AA	0	12/4/2008	G		0.08 GA	5 A		2/9/2004			
66, 79	2008	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22006	OAT FORI	21 05S	09E		5 OUTSIDE GWPA	11412 WEST MAIN	NUFARM RHOMENE MCPA BROADLEAF HE	228	143 AA	71968	12/4/2008	G		0.63 GA	5 A		2/9/2004			
66, 79	2008	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22006	OAT FORI	21 05S	09E		5 OUTSIDE GWPA	11412 WEST MAIN	SHARK EW	279	3242 AA	0	12/4/2008	G		6.65 OZ	5 A		2/9/2004			
66, 79	2008	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22006	OAT FORI	21 05S	09E		5 OUTSIDE GWPA	11412 WEST MAIN	RNA BUFFER-ACTIVIATOR	1050990	50003 AA	0	12/4/2008	G		0.13 POZ	5 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A1	22005	CORN FOJ	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	COMITE	400	104 ZA	0	7/6/2009	A		197.76 FT	96 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22005	CORN FOJ	21 05S	09E		5 OUTSIDE GWPA	11412 WEST MAIN	COMITE	400	104 ZA	0	7/6/2009	A		10.3 PT	5 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A1	22005	CORN FOJ	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	NO FOAM B	1050775	50008 AA	0	7/19/2009	A		16 PT	80 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A1	22005	CORN FOJ	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	LOPSSAN 4E-HF	62719	220 AA	0	7/19/2009	A		160 PT	80 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A1	22005	CORN FOJ	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	AGNISOLUTIONS CORNERSTONE PLUS	1381	192 AA	0	6/15/2009	G		5 GA	15 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22005	CORN FOJ	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	DUAL MAGNUM HERBICIDE	100	816 ZA	0	5/13/2009	G		1 GA	5 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A1	22005	CORN FOJ	21 05S	09E		96 OUTSIDE GWPA	11412 WEST MAIN	SEVIN 5 BAIT	2935	366 ZA	0	5/6/2009	G		960 LB	96 A		2/9/2004			
66, 79	2009	5005152	SOUZA, RAY	GOIS	MARIO	11412 W MAIN	TURLOCK	CA	95380 3821A3	22005	CORN FOJ	21 05S	09E		5 OUTSIDE GWPA	11412 WEST MAIN	SEVIN 5 BAIT	2935	366 ZA	0	5/6/2009	G		50 LB	5 A		2/9/2004			
4S, 9E, 2	2003	5007007	STANISLAUS FARM SUPPLY	JOHNSTON	ARON	624 E. SERVICE RD.	MODESTO	CA	945358 A1	22006	OAT FORI	21 04S	09E		4.9 SE SERVICE / RR TRACKS		WILCO GOPHER GETTER AG BAIT	36029	7 AA	0	5/6/2003	G		6 LB	2 A		1/3/2002	2/1/2005		
4S, 9E, 2	2003	5007007	STANISLAUS FARM SUPPLY	JOHNSTON	ARON	624 E. SERVICE RD.	MODESTO	CA	945358 ZZZ999	67000	UNCUL NC	21 04S	09E		2 PERMIT LOCATIONS		GASTOXIN FUMIGATION TABLETS	43743	1 AA	0	5/13/2003	G		1 LB	2 A		5/31/2002			
4S, 9E, 2	2005	5007007	STANISLAUS FARM SUPPLY	JOHNSTON	ARON	624 E. SERVICE RD.	MODESTO	CA	945358 2921A2	23001	ALFALFA	21 04S	09E		2.5 SE SERVICE / RR TRACKS		GRAMOXONE MAX	100	1074 AA	0	2/2/2005	G		0.31 GA	2.5 A		2/1/2005			
4S, 9E, 2	2005	5007007	STANISLAUS FARM SUPPLY	JOHNSTON	ARON	624 E. SERVICE RD.	MODESTO	CA	945358 2921A2	23001	ALFALFA	21 04S	09E		2.5 SE SERVICE / RR TRACKS		DU PONT VELPAR L HERBICIDE	352	382 ZA	0	2/2/2005	G		0.94 GA	2.5 A		2/1/2005			
4S, 9E, 2	2005	5007007	STANISLAUS FARM SUPPLY	JOHNSTON	ARON	624 E. SERVICE RD.	MODESTO	CA	945358 2921A2	23001	ALFALFA	21 04S	09E		2.5 SE SERVICE / RR TRACKS		RNA BUFFER-ACTIVIATOR	1050990	50003 AA	0	2/2/2005	G		0.04 GA	2.5 A		2/1/2005			
4S, 9E, 2	2005	5007007	STANISLAUS FARM SUPPLY	JOHNSTON	ARON	624 E. SERVICE RD.	MODESTO	CA	945358 A1	22005	CORN FOJ	21 04S	09E		4.9 SE SERVICE / RR TRACKS		COMITE	400	104 AA	0	6/2/2005	G		0.63 GA	2.5 A		4/5/2000			
4S, 9E, 2	2008	5007007	STANISLAUS FARM SUPPLY	MURPHY	RICHARD	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22005	CORN FOJ	21 04S	09E		4.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	OBERSON ZC INSECTICIDE/MITICIDE	264	719 AA	0	6/6/2008	G		0.33 GA	4.9 A		2/1/2005			
4S, 9E, 2	2009	5007007	STANISLAUS FARM SUPPLY	LEMOS	DAVID	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22005	CORN FOJ	21 04S	09E		4.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	LOPSSAN-4E	62719	220 ZA	0	7/13/2009	G		2 PT	1 A		2/1/2005			
4S, 9E, 2	2009	5007007	STANISLAUS FARM SUPPLY	LEMOS	DAVID	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22005	CORN FOJ	21 04S	09E		4.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	NO FOAM B	1050775	50008 AA	0	7/13/2009	G		0.2 PA	1 A		2/1/2005			
4S, 9E, 2	2009	5007007	STANISLAUS FARM SUPPLY	LEMOS	DAVID	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22006	OAT FORI	21 04S	09E		3.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	MCP 4 AMINE HERBICIDE	62719	13 ZA	34704	1/17/2009	G		0.61 GA	3.9 A		2/1/2005			
4S, 9E, 2	2009	5007007	STANISLAUS FARM SUPPLY	LEMOS	DAVID	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22006	OAT FORI	21 04S	09E		3.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	SHARK EW	279	3242 AA	0	1/17/2009	G		6.13 OZ	3.9 A		2/1/2005			
4S, 9E, 2	2009	5007007	STANISLAUS FARM SUPPLY	LEMOS	DAVID	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22005	CORN FOJ	21 04S	09E		4.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	FIRST CHOICE NO FOAM A	11656	50086 ZA	0	5/31/2009	G		0.5 GA	2 A		2/1/2005			
4S, 9E, 2	2009	5007007	STANISLAUS FARM SUPPLY	LEMOS	DAVID	624 E SERVICE RD	MODESTO	CA	94535 2921A1	22005	CORN FOJ	21 04S	09E		4.9 INSIDE GWPA - NO 6800A USE	SE SERVICE / RR TRACKS	ONAGER MITICIDE	10163	277 AA	0	5/31/2009	G		0.25 GA	2 A		2/1/2005			
127	2003	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22006	OAT FORI	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		BUCTRL 4 EC HERBICIDE	264	540 AA	0	12/15/2003	G		1.9 GA	20 A		1/1/2003	12/13/2005		
127	2003	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22006	OAT FORI	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		CLEAN CROP MCP 4 AMINE HERBICIDE	62719	13 AA	34704	12/15/2003	G		5 GA	20 A		1/1/2003	12/13/2005		
127	2004	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		RED-TOP SEVIN 5 PELLETS	2935	366 AA	0	5/15/2004	G		200 LB	20 A		1/1/2003	12/13/2005		
127	2004	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		DU PONT ACCENT HERBICIDE	352	560 ZA	0	6/8/2004	G		13.2 OZ	20 A		1/1/2003	12/13/2005		
127	2004	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		CLARITY HERBICIDE	7969	137 AA	0	6/8/2004	G		1.25 GA	20 A		1/1/2003	12/13/2005		
127	2004	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		ULTRA 90-NF	17545	50021 AA	0	6/8/2004	G		1 GA	20 A		1/1/2003	12/13/2005		
127	2004	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		MILLER NU-FILM-17	72	50001 AA	0	6/29/2004	G		1 GA	20 A		1/1/2003	12/13/2005		
127	2004	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		COMITE	400	104 ZA	0	6/29/2004	G		5 GA	20 A		1/1/2003	12/13/2005		
127	2005	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		MAGNITUDE X-100	400	104 ZA	0	1/12/2003	G		1.9 GA	20 A		1/1/2003	12/13/2005		
127	2005	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		DUPONT STEADFAST HERBICIDE	352	608 AA	0	7/11/2005	G		1 LB	20 A		1/1/2003	12/13/2005		
127	2005	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		CLARITY HERBICIDE	7969	137 AA	0	7/11/2005	G		1.25 GA	20 A		1/1/2003	12/13/2005		
127	2005	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M S BRADBURY		CAYUSE PLUS	2935	366 AA	0	7/11/2005	G		2.5 GA	20 A		1/1/2003	12/13/2005		
127	2005	5006958	TERRA-BOA, JOSE	TERRA-BOA	MARY	9399 HINTON AV.	DELHI	CA	95315-9 A2	22005	CORN FOJ	3 06S	09E		20 E/S MORGAN 1/2M															

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applie	Application	EPA use q	EPA use U	Treated Q	Us Site	Active	Inactive Date
145	2006	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834AS	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	RIVERDALE MCPA-4 AMINE	228	143 AA	0	2/15/2006	G	20	PT	20	A	1/13/2004				
145	2006	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834AS	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	ULTRA 90-NF	17545	5002 AA	0	2/15/2006	G	1	GA	20	A	1/13/2004				
133	2006	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-9A1-S	22005	CORN FOI	34 06S	09E	12	S/BRADBURY 1/4M W/BLAKER	DUPONT STEADFAST HERBICIDE	352	608 AA	0	7/28/2006	G	3	OZ	4	A	4/28/2003	1/13/2004			
133	2006	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-9A1-S	22005	CORN FOI	34 06S	09E	12	S/BRADBURY 1/4M W/BLAKER	HOME PIECE	34704	50029 AA	0	7/28/2006	G	4	PT	4	A	4/28/2003	1/13/2004			
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22005	CORN FOI	33 05S	09E	20	1/4M W/MORGAN N/BRADBURY	MSCO CONCENTRATE	34704	50029 AA	0	7/12/2007	G	15	OZ	20	A	1/13/2004				
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22005	CORN FOI	33 05S	09E	20	1/4M W/MORGAN N/BRADBURY	DJ PONT KARMEX DF HERBICIDE	81880	6 AA	10163	7/12/2007	G	128	OZ	20	A	1/13/2004				
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22005	CORN FOI	33 05S	09E	20	1/4M W/MORGAN N/BRADBURY	PRO C.O.C.	71058	50003 AA	0	7/12/2007	G	4	GA	20	A	1/13/2004				
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22005	CORN FOI	33 05S	09E	20	1/4M W/MORGAN N/BRADBURY	FANFARE 2EC INSECTICIDE-MITICIDE	66222	99 AA	0	8/14/2007	G	128	OZ	20	A	1/13/2004				
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22005	CORN FOI	33 05S	09E	20	1/4M W/MORGAN N/BRADBURY	DREXEL DIMETHOATE 4EC	19713	231 AA	0	8/14/2007	G	20	PT	20	A	1/13/2004				
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22005	CORN FOI	33 05S	09E	20	1/4M W/MORGAN N/BRADBURY	PRO 90	71058	50002 AA	0	8/14/2007	G	0.25	GA	20	A	1/13/2004				
92	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93833A10	22006	OAT FORI	34 05S	09E	20	1/4M W/MORGAN N/BRADBURY	SHARK EW	279	3242 AA	0	3/24/2007	G	20	OZ	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	20	1/4M W/MORGAN N/BRADBURY	RIVERDALE MCPA-4 AMINE	228	143 AA	0	3/24/2007	G	20	PT	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	20	1/4M W/MORGAN N/BRADBURY	PRO 90	71058	50002 AA	0	3/24/2007	G	128	OZ	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	20	NE COR BLAKER & BRADBURY	DUPONT STEADFAST HERBICIDE	352	608 AA	0	7/15/2007	G	15	OZ	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	20	NE COR BLAKER & BRADBURY	PRO 90	71058	50002 AA	0	7/15/2007	G	8	PT	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	20	NE COR BLAKER & BRADBURY	NE COR BLAKER & BRADBURY	71058	50003 AA	0	7/15/2007	G	4	GA	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	20	NE COR BLAKER & BRADBURY	DC FROM CORN	279	3242 AA	0	3/20/2007	G	20	OZ	20	A	1/13/2004				
144	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	20	NE COR BLAKER & BRADBURY	RIVERDALE MCPA-4 AMINE	228	143 AA	0	3/24/2007	G	20	PT	20	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	20	NE COR BLAKER & BRADBURY	PRO 90	71058	50002 AA	0	3/24/2007	G	128	OZ	20	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	40	NE COR BLAKER & BRADBURY	DUPONT STEADFAST HERBICIDE	352	608 AA	0	7/14/2007	G	30	OZ	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	40	NE COR BLAKER & BRADBURY	YUKON HERBICIDE	81880	6 AA	10163	7/14/2007	G	240	OZ	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	40	NE COR BLAKER & BRADBURY	PRO C.O.C.	71058	50003 AA	0	7/14/2007	G	8	GA	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	40	NE COR BLAKER & BRADBURY	FANFARE 2EC INSECTICIDE-MITICIDE	66222	99 AA	0	8/1/2007	G	2	GA	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	DREXEL DIMETHOATE 4EC	19713	231 AA	0	8/1/2007	G	40	PT	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22005	CORN FOI	34 05S	09E	40	NE COR BLAKER & BRADBURY	PRO 90	71058	50002 AA	0	8/1/2007	G	8	PT	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	FANFARE 2EC INSECTICIDE-MITICIDE	66222	99 AA	0	8/1/2007	G	8	PT	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	PRO 90	71058	50002 AA	0	8/1/2007	G	15	OZ	22	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	RIVERDALE MCPA-4 AMINE	228	143 AA	0	3/20/2007	G	40	PT	40	A	1/13/2004				
145	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-93834A5A	22006	OAT FORI	34 05S	09E	40	NE COR BLAKER & BRADBURY	THOMAS	279	3242 AA	0	3/24/2007	G	20	OZ	20	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	DUPONT STEADFAST HERBICIDE	352	608 AA	0	7/14/2007	G	16.5	OZ	22	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	YUKON HERBICIDE	81880	6 AA	10163	7/14/2007	G	54	OZ	22	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	PRO C.O.C.	71058	50003 AA	0	7/14/2007	G	4.4	GA	22	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	FANFARE 2EC INSECTICIDE-MITICIDE	66222	99 AA	0	8/1/2007	G	57	OZ	9	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	PRO 90	71058	50002 AA	0	8/1/2007	G	2	PT	9	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	FANFARE 2EC INSECTICIDE-MITICIDE	66222	99 AA	0	8/1/2007	G	20	OZ	22	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	DREXEL DIMETHOATE 4EC	19713	231 AA	0	8/2/2007	G	32	PT	22	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A8	22005	CORN FOI	3 06S	09E	22	SE COR BRADBURY X MORGAN	PRO 90	71058	50002 AA	0	8/2/2007	G	6	PT	22	A	1/13/2004				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A1	22005	CORN FOI	3 06S	09E	19	S/BRADBURY 1/4M W/BLAKER	DC FROM OATS	352	508 AA	0	7/14/2007	G	8.3	OZ	11	A	1/13/2005				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA	95380-94303A1	22005	CORN FOI	3 06S	09E	19	S/BRADBURY 1/4M W/BLAKER	DC FROM OATS	81880	6 AA	10163	7/14/2007	G	66	OZ	11	A	1/13/2005				
133	2007	5004562	THOMAS, JOHN	THOMAS	JOHN	10408 W. BRADBURY	TURLOCK	CA																						

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestEPA	alpha EPA	aux EPA	co Date	Applic	Application	EPA use	q EPA	use U	Treated Q	U/ Site	Active	Site Inactive	Date
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 J1	23001	ALFALFA	4 05S	09E		70 S/S ZEERING 1/2M E CROWSLANDNG		HELENA AGRI-DEX	5905	50071 AA			0	12/31/2002	G	8.75 GA	70	A	1/6/2000	12/11/2003				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		ROUNDUP ORIGINAL HERBICIDE	524	445 2F			0	1/19/2002	G	15 PT	5	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		GOAL 2XL HERBICIDE	707	243 AA			0	1/19/2002	G	10 PT	5	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		SOLICAM DF HERBICIDE	100	849 AA			0	1/19/2002	G	10 LB	5	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		SIM TROL 4L	35915	11 AA			0	1/19/2002	G	1.08 GA	5	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		QUEST	5905	50076 AA			0	1/19/2002	G	32 OZ	5	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		DYNE-AMIC	5905	50071 AA			0	1/19/2002	G	49 OZ	5	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		DIAZINON AG500 INSECTICIDE	5905	248 AA			0	1/17/2002	G	60 PT	15	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		NU-COP 3L	51036	288 AA			0	1/17/2002	G	56.25 PT	15	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		OMNI SUPREME SPRAY	5905	368 AA			0	1/17/2002	G	30 GA	15	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		HELENA PENETRATOR	5905	50067 AA			0	1/17/2002	G	60 PT	15	A	1/6/2000	12/17/2004				
70	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A1	3001	ALMOND	4 05S	09E		15 7136 CROWS LANDING		LAREDO EC AGRICULTURAL FUNGICIDE	38167	50012 AA			0	2/28/2002	G	1.93 GA	15	A	1/6/2000	12/17/2004				
139	2002	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L8	22005	CORN FOF	33 05S	09E		38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	CAPTURE 2 EC-CAL	279	3114 AA			0	7/1/2003	A	1.6 GA	38	A	6/26/2002	12/17/2004				
139	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L8	22005	CORN FOF	33 05S	09E		38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	HELENA PENETRATOR	5905	50067 AA			0	7/1/2003	A	4.75 GA	38	A	6/26/2002	12/17/2004				
139	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L8	22005	CORN FOF	33 05S	09E		38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	DIMETHOATE 4E	51036	110 AA			0	7/1/2003	A	4.75 GA	38	A	6/26/2002	12/17/2004				
146	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L8	22005	CORN FOF	33 05S	09E		38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	CAPTURE 2 EC-CAL	279	3114 AA			0	7/1/2003	A	1.6 GA	38	A	6/26/2002	12/17/2004				
146	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L8	22005	CORN FOF	33 05S	09E		38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	HELENA PENETRATOR	5905	50067 AA			0	7/1/2003	A	4.75 GA	38	A	6/26/2002	12/17/2004				
146	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L8	22005	CORN FOF	33 05S	09E		38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	DIMETHOATE 4E	51036	110 AA			0	7/1/2003	A	4.75 GA	38	A	6/26/2002	12/17/2004				
24	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L4	23001	ALFALFA	32 05S	09E		40 CORNER RANCH	SE OF CROWSLANDING & HARDING	BAYTHROID 2 EMULSIFIABLE PYRETHROID	3125	351 AA			0	3/26/2003	G	112 OZ	40	A	11/25/2002	12/17/2004				
24	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L4	23001	ALFALFA	32 05S	09E		40 CORNER RANCH	SE OF CROWSLANDING & HARDING	DYNE-AMIC	5905	50071 AA			0	3/26/2003	G	200 OZ	40	A	11/25/2002	12/17/2004				
24	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L4	23001	ALFALFA	32 05S	09E		40 CORNER RANCH	SE OF CROWSLANDING & HARDING	GOWAN MALATHION 8	10163	21 2A			0	3/26/2003	G	2.5 GA	40	A	11/25/2002	12/17/2004				
28	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L2	23001	ALFALFA	32 05S	09E		20	S/E COR CROWSLANDING & HARDING	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112 AA			0	3/10/2003	G	0.59 GA	20	A	6/26/2002	12/17/2004				
28	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L2	23001	ALFALFA	32 05S	09E		20	S/E COR CROWSLANDING & HARDING	TRILIN 10G HERBICIDE	1812	328 AA			0	3/10/2003	G	400 LB	20	A	6/26/2002	12/17/2004				
28	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L2	23001	ALFALFA	32 05S	09E		20	S/E COR CROWSLANDING & HARDING	GOWAN MALATHION 8	10163	21 2A			0	3/10/2003	G	1.25 GA	20	A	6/26/2002	12/17/2004				
19, 55	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L4	23001	ALFALFA	32 05S	09E		40 CORNER RANCH	S/E OF CROWSLANDING & HARDING	BAYTHROID 2 EMULSIFIABLE PYRETHROID	3125	351 AA			0	3/26/2003	G	112 OZ	40	A	11/25/2002	12/17/2004				
19, 55	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L4	23001	ALFALFA	32 05S	09E		40 CORNER RANCH	SE OF CROWSLANDING & HARDING	DYNE-AMIC	5905	50071 AA			0	3/26/2003	G	200 OZ	40	A	11/25/2002	12/17/2004				
19, 55	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 H1L4	23001	ALFALFA	32 05S	09E		40 CORNER RANCH	SE OF CROWSLANDING & HARDING	GOWAN MALATHION 8	10163	21 2A			0	3/26/2003	G	2.5 GA	40	A	11/25/2002	12/17/2004				
68	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001	ALFALFA	4 05S	09E		43 NE COR ZEERING & CROWS LANDING		TELEONE II SOIL FUMIGANT	62719	32 AA			0	9/17/2003	G	138 GA	15	A	1/8/2003	12/17/2004				
68	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	22005	CORN FOF	4 05S	09E		43 NE COR ZEERING & CROWS LANDING		HU POINT ACCENT HERBICIDE	352	560 2A			0	6/8/2003	G	2.89 LB	43	A	1/14/2002	9/15/2003				
68	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	22005	CORN FOF	4 05S	09E		43 NE COR ZEERING & CROWS LANDING		HELENA INDUCE	5905	50067 AA			0	6/8/2003	G	1.91 GA	43	A	1/14/2002	9/15/2003				
68	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	22005	CORN FOF	4 05S	09E		43 NE COR ZEERING & CROWS LANDING		CLARITY HERBICIDE	7969	137 AA			0	6/8/2003	G	2.89 GA	43	A	1/14/2002	9/15/2003				
68	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	22005	CORN FOF	4 05S	09E		43 NE COR ZEERING & CROWS LANDING		CAPTURE 2 EC-CAL	279	3114 AA			0	6/15/2003	A	1.81 GA	43	A	1/14/2002	9/15/2003				
68	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	22005	CORN FOF	4 05S	09E		43 NE COR ZEERING & CROWS LANDING		HELENA PENETRATOR	5905	50067 AA			0	6/15/2003	A	5.37 GA	43	A	1/14/2002	9/15/2003				
70	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 J1	23001	ALFALFA	4 05S	09E		70 S/S ZEERING 1/2M E CROWSLANDNG		CLEAN CROP DIMETHOATE 400	34704	207 AA			0	6/15/2003	A	5.37 GA	43	A	1/14/2002	9/15/2003				
70	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 J1	23001	ALFALFA	4 05S	09E		70 S/S ZEERING 1/2M E CROWSLANDNG		DU PONT LAMNATE INSECTICIDE	352	342 ZA			0	9/5/2003	A	35 LB	70	A	1/6/2000	12/11/2003				
70	2003	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 J1	23001	ALFALFA	4 05S	09E		70 S/S ZEERING 1/2M E CROWSLANDNG		QUEST	5905	50076 AA			0	3/16/2003	G	32 OZ	70	A	1/6/2000	12/17/2004				
70	2003	5003971	TR																														

Appendix I - Crop and Pesticide Data for Preferred Alignment

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm #	EPA pestc	EPA alpha	EPA aux	Co Date	Applie	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive Date
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL5	22005 CORN FOF	33 05S	09E			38 ARENA 20	N/E COR CROWS LANDING & CLAUSEN	DYNE-AMIC	5905	50071 AA			0	7/23/2006	G		1.48 GA	38 A		11/25/2002	
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93823HL7	23001 ALFALFA	33 05S	09E			38 GILTON RANCH#4 A1	12335 CLAUSEN RD	DU PONT LANNATE SP INSECTICIDE	352	342 ZB			0	8/15/2006	A		28.5 LB	38 A		12/19/2005	
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93823HL7	23001 ALFALFA	33 05S	09E			38 GILTON RANCH#4 A1	12335 CLAUSEN RD	DYNE-AMIC	5905	50071 AA			0	8/15/2006	A		1.1875 GA	38 A		12/19/2005	
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93833HL8	23001 ALFALFA	33 05S	09E			38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	DU PONT LANNATE SP INSECTICIDE	352	342 ZB			0	8/15/2006	A		28.5 LB	38 A		12/19/2005	
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93833HL8	23001 ALFALFA	33 05S	09E			38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	DYNE-AMIC	5905	50071 AA			0	8/15/2006	A		1.1875 GA	38 A		12/19/2005	
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93833HL8	23001 ALFALFA	33 05S	09E			38 CLAUASO H&L D-1	END OF CLAUSEN SE OF HOUSE	TRILIN 10G HERBICIDE	1812	328 ZA			0	5/6/2006	G		540 LB	37 A		12/19/2005	
146	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93833HL7	23001 ALFALFA	33 05S	09E			38 GILTON RANCH#4 A1	12335 CLAUSEN RD	TRILIN 10G HERBICIDE	1812	328 ZA			0	5/6/2006	G		760 LB	38 A		12/19/2005	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		GRAMOXONE MAX	100	1074 AA			0	11/0/2006	G		6.72 GA	43 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		SENCOR DF 75% DRY FLOWABLE HERBICI	3125	325 ZA			0	11/0/2006	G		32.25 LB	43 A		12/17/2004	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		HELENA AGR-D-DEX	5905	50017 AA			0	11/0/2006	G		5.36 GA	43 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		MUSTANG 1.5 EW INSECTICIDE	279	3126 ZA			0	3/24/2006	G		1.44 GA	43 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		DYNE-AMIC	5905	50071 AA			0	3/24/2006	G		1.68 GA	43 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9804A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		MUSTANG 1.5 EW INSECTICIDE	279	3126 ZA			0	3/24/2006	G		0.6 GA	18 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9804A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		FYFANON 8 LB. EMULSION	5905	250 ZA			0	3/24/2006	G		1.13 GA	18 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9804A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		DYNE-AMIC	5905	50071 AA			0	3/24/2006	G		0.7 GA	18 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9 A2	23001 ALFALFA	4 05S	09E			43 NE COR ZEERING & CROWS LANDING		TRILIN 10G HERBICIDE	1812	328 ZA			0	5/6/2006	G		860 LB	43 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9804A1	22005 CORN FOF	3 05S	09E			70 S/S ZEERING 1/2M E CROWSLANDNG		CAPTURE 2 EC-CAL	279	3114 AA			0	7/29/2006	G		3.28 GA	70 A		1/8/2003	
68	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9804A1	22005 CORN FOF	3 05S	09E			70 S/S ZEERING 1/2M E CROWSLANDNG		DIMETHOATE 4E	51036	110 AA			0	7/29/2006	G		8.75 GA	70 A		1/8/2003	
70	2006	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-9804A1	22005 CORN FOF	4 05S	09E			70 S/S ZEERING 1/2M E CROWSLANDNG		DYNE-AMIC	5905	50071 AA			0	7/29/2006	G		2.73 GA	70 A		1/8/2003	
19, 55	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL1	22005 CORN FOF	32 05S	09E			54 LEACHING GWPA	NE CROWS LANDING & CLAUSEN	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			0	7/15/2007	G		3.46 GA	54 A		1/8/2003	
19, 55	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL1	22005 CORN FOF	32 05S	09E			54 LEACHING GWPA	NE CROWS LANDING & CLAUSEN	DYNE-AMIC	5905	50071 AA			0	7/15/2007	G		1.27 GA	54 A		1/8/2003	
139	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL5	22005 CORN FOF	33 05S	09E			38 GWPA - RUNOFF	1/2 MI E CROWS LANDING, N/S CLAUSEN	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			0	7/15/2007	G		2.43 GA	38 A		11/25/2002	
139	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL5	22005 CORN FOF	33 05S	09E			38 GWPA - RUNOFF	1/2 MI E CROWS LANDING, N/S CLAUSEN	DYNE-AMIC	5905	50071 AA			0	7/15/2007	G		114 OZ	38 A		11/25/2002	
146	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL5	22005 CORN FOF	33 05S	09E			38 GWPA - RUNOFF	1/2 MI E CROWS LANDING, N/S CLAUSEN	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			0	7/15/2007	G		2.43 GA	38 A		11/25/2002	
146	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93822HL5	22005 CORN FOF	33 05S	09E			38 GWPA - RUNOFF	1/2 MI E CROWS LANDING, N/S CLAUSEN	DYNE-AMIC	5905	50071 AA			0	7/15/2007	G		114 OZ	38 A		11/25/2002	
146	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93833HL3	22005 CORN FOF	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			0	7/15/2007	G		5.125 GA	80 A		12/19/2005	
146	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93833HL3	22005 CORN FOF	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	DYNE-AMIC	5905	50071 AA			0	7/15/2007	G		1.875 GA	80 A		12/19/2005	
68	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93804A2	23001 ALFALFA	4 05S	09E			43 GWPA	NE COR ZEERING & CROWS LANDING	DU PONT LANNATE SP INSECTICIDE	352	342 ZB			0	8/5/2007	G		21.5 LB	43 A		1/8/2003	
68	2007	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING ROAD	CERES	CA	95307-93804A2	23001 ALFALFA	4 05S	09E			43 GWPA	NE COR ZEERING & CROWS LANDING	DYNE-AMIC	5905	50071 AA			0	8/5/2007	G		107.5 OZ	43 A		1/8/2003	
19, 55	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL4	23001 ALFALFA	32 05S	09E			40 OUTSIDE GWPA	SE OF CROWSLANDING & HARDING	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112 AA			0	7/4/2008	A		1.13 GA	40 A		11/25/2002	
19, 55	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL4	23001 ALFALFA	32 05S	09E			40 OUTSIDE GWPA	SE OF CROWSLANDING & HARDING	DYNE-AMIC	5905	50071 AA			0	7/4/2008	A		1.25 GA	40 A		11/25/2002	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL3	22005 CORN FOF	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	DYNE-AMIC	5905	50071 AA			0	7/6/2008	G		3.12 GA	80 A		12/19/2005	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL3	22005 CORN FOF	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	OBERON 25C INSECTICIDE/MITICIDE	264	719 AA			0	7/6/2008	G		5 GA	80 A		12/19/2005	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL3	22005 CORN FOF	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	QUEST	5905	50076 AA			0	7/6/2008	G		2 GA	80 A		12/19/2005	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL3	22006 OAT FORI	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	BANVEL	51036	289 AA			0	12/6/2008	G		2.5 GA	80 A		12/19/2005	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL3	22006 OAT FORI	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	RHOMENE MCPA AMINE HERBICIDE	284	3242 AA		284	0	6/14/2008	G		8.4 GA	80 A		11/29/2002	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL3	22006 OAT FORI	33 05S	09E			80 GWPA - RUNOFF	S/E COR CROWSLANDING & HARDING	SHARK HERBICIDE	279	3194 AA			0	12/6/2008	G		7.5 LB	80 A		12/19/2005	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES	CA	95307-3833HL7	23001 ALFALFA	33 05S	09E			38 GWPA - RUNOFF	12335 CLAUSEN RD	WARRIOR INSECTICIDE WITH ZEON TECHI	100	1112 AA			0	7/4/2008	A		1.07 GA	38 A		12/19/2005	
146	2008	5003971	TRINKLER, WENDEL JR.	TRINKLER	WENDEL JR.	7136 CROWS LANDING RD	CERES																							

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm n	EPA pestc	EPA alpha	EPA aux	co Date	Apply	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive Date
142	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440323	23001	ALFALFA	3	06S	08E	50 1/4M E SYCAMORE S POMEGRANATE	TEXIERA	RNA CROP OIL CONCENTRATE 1915	1050990	50012	AA	0	4/20/2006	G	2.34	GA	50	A	1/3/2006	
174	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		PURSUITE HERBICIDE	241	310	AA	0	1/12/2006	G	0.31	GA	20	A	1/3/2006	
174	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		BUCTRIL	264	437	AA	0	1/12/2006	G	1.25	GA	20	A	1/3/2006	
174	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		RNA ACTIVATOR 85	1050990	50016	AA	0	1/12/2006	G	1.25	GA	20	A	1/3/2006	
174	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		WARRIOR INSECTICIDE	10182	96	ZA	0	4/20/2006	G	0.59	GA	20	A	1/3/2006	
174	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		DREXEL DIMETHOATE 4EC	19713	231	AA	0	3/29/2007	G	3.99	GA	20	A	1/3/2006	
174	2006	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		RNA CROP OIL CONCENTRATE 1915	1050990	50012	AA	0	4/20/2006	G	0.94	GA	20	A	1/3/2006	
174	2007	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363-9	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		SILENCER	66222	104	AA	0	3/6/2008	G	0.59	GA	20	A	1/3/2006	
174	2008	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		DREXEL DIMETHOATE 4EC	19713	231	AA	0	3/6/2008	G	2.5	GA	20	A	1/3/2006	
174	2008	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363	440324	23001	ALFALFA	3	06S	08E	20 S/POMEGRANATE BTW 35/25		RNA CROP OIL CONCENTRATE 1915	1050990	50012	AA	0	3/6/2008	G	0.94	GA	20	A	1/3/2006	
142	2009	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363	440323	23001	ALFALFA	3	06S	08E	50 1/4M E SYCAMORE S POMEGRANATE	TEXIERA	SILENCER	66222	104	AA	0	3/10/2009	G	1.48	GA	50	A	1/3/2006	
142	2009	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363	440323	23001	ALFALFA	3	06S	08E	50 1/4M E SYCAMORE S POMEGRANATE	TEXIERA	DREXEL DIMETHOATE 4EC	19713	231	AA	0	3/10/2009	G	6.25	GA	50	A	1/3/2006	
142	2009	5000196	TRINTA BROS	TRINTA	FRANK	524 POMELO AVE	PATTERSON	CA	95363	440323	23001	ALFALFA	3	06S	08E	50 1/4M E SYCAMORE S POMEGRANATE	TEXIERA	RNA CROP OIL CONCENTRATE 1915	1050990	50012	AA	0	3/10/2009	G	1.95	GA	50	A	1/3/2006	
93	2007	5004667	VELASQUEZ DAIRY	VELASQUEZ	BENITO	13767 CARPENTER RD	CROWS LANDING	CA	95313-9	4306A1	23001	ALFALFA	6	06S	09E	65 OUTSIDE GWPA	W/S CARPENTER 1/2M N CRWS LNDG	WESTLINK AG SPREADER BUFFER	1051117	5002	AA	0	3/29/2007	G	1.63	GA	65	A	2/7/2006	
93	2007	5004667	VELASQUEZ DAIRY	VELASQUEZ	BENITO	13767 CARPENTER RD	CROWS LANDING	CA	95313-9	4306A1	23001	ALFALFA	6	06S	09E	65 OUTSIDE GWPA	W/S CARPENTER 1/2M N CRWS LNDG	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112	AA	0	3/29/2007	G	1.95	GA	65	A	2/7/2006	
93	2008	5004667	VELASQUEZ DAIRY	VELASQUEZ	BENITO	13767 CARPENTER RD	CROWS LANDING	CA	95313-9	4306A1	23001	ALFALFA	6	06S	09E	65 OUTSIDE GWPA	W/S CARPENTER 1/2M N CRWS LNDG	MALATHION 8 E INSECTICIDE	34704	452	ZA	0	3/29/2007	G	3.99	GA	65	A	2/7/2006	
93	2008	5004667	VELASQUEZ DAIRY	VELASQUEZ	BENITO	13767 CARPENTER RD	CROWS LANDING	CA	95313-9	4306A1	23001	ALFALFA	6	06S	09E	65 OUTSIDE GWPA	W/S CARPENTER 1/2M N CRWS LNDG	WARRIOR INSECTICIDE WITH ZEON TECH	100	1112	AA	0	3/19/2008	G	1.95	GA	65	A	2/7/2006	
93	2008	5004667	VELASQUEZ DAIRY	VELASQUEZ	BENITO	13767 CARPENTER RD	CROWS LANDING	CA	95313-9	4306A1	23001	ALFALFA	6	06S	09E	65 OUTSIDE GWPA	W/S CARPENTER 1/2M N CRWS LNDG	WESTLINK AG SPREADER BUFFER	1051117	5002	AA	0	3/19/2008	G	2	GA	65	A	2/7/2006	
47	2001	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	2/21/2001	G	5	GA	40	A	1/18/2000	1/10/2006
47	2001	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		LAREDO EC AGRICULTURAL FUNGICIDE	707	222	ZA	0	2/21/2001	G	4	GA	40	A	1/18/2000	1/10/2006
47	2001	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	4/3/2001	G	5	GA	40	A	1/18/2000	1/10/2006
47	2001	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		KOCIDE 101	1812	288	AA	0	1/27/2001	G	400	LB	40	A	1/18/2000	1/10/2006
47	2001	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		VALENT VOLCK SUPREME SPRAY	59639	20	AA	0	1/27/2001	G	80	OZ	40	A	1/18/2000	1/10/2006
47	2002	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		LAREDO EC AGRICULTURAL FUNGICIDE	707	222	ZA	0	3/7/2002	G	2	GA	20	A	1/18/2000	1/10/2006
47	2002	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	3/7/2002	G	1.25	GA	20	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		GOAL2XL	62719	424	AA	0	7/22/2003	G	128	OZ	40	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		ALFARMO CREDIT SYSTEMIC HERBICIDE	1812	288	AA	0	7/22/2003	G	2.4	GA	40	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		RNA ACTIVATOR 85	1050990	50016	AA	0	7/22/2003	G	128	OZ	40	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		ABOUND FLOWABLE FUNGICIDE	100	1098	AA	0	3/1/2003	G	2.4	GA	24	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		RNA SI 100	1050990	50022	AA	0	3/1/2003	G	76.8	OZ	24	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		ABOUND FLOWABLE FUNGICIDE	100	1098	AA	0	3/19/2003	G	4	GA	40	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		RNA ACTIVATOR 85	1050990	50016	AA	0	3/19/2003	G	5	GA	40	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		NURFARMO CREDIT SYSTEMIC HERBICIDE	1812	288	AA	0	7/22/2003	G	2.4	GA	40	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		GOAL2XL	62719	424	AA	0	7/22/2003	G	64	OZ	20	A	1/18/2000	1/10/2006
47	2003	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		RNA ACTIVATOR 85	1050990	50016	AA	0	5/16/2003	G	76.8	OZ	20	A	1/18/2000	1/10/2006
47	2004	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		ESTEEM ANT BAIT	59639	114	AA	0	7/3/2004	G	60	LB	40	A	1/18/2000	1/10/2006
47	2004	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		FIRST CHOICE GAVICIDE SUPER 90	11656	96	AA	0	12/31/2004	G	200	GA	40	A	1/18/2000	1/10/2006
47	2004	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OKDALE	CA	95361	A3	3001	ALMOND	28	04S	09E	40 5207 MORGAN		CHAMP FORMULA 2 FLOWABLE	55146	64	AA	0	12/31/2004	G	160	PT	40	A	1/18/2000	1/10/200

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	ePA pestc	EPA alpha	EPA aux	Co Date	Applic	Application	EPA use	q	EPA use	U treated	Q	Treated	U	Site Active	Site Inactive	Date	
47	2009	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OAKDALE	CA	95361 2928A3	3001	ALMOND	28	04S	09E	40	5207 MORGAN	5207 MORGAN	ROUNDUP POWERMAX HERBICIDE	524	549	AA	0	5/15/2009	G	548.57	OZ	36	A	1/18/2000							
47	2009	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OAKDALE	CA	95361 2928A3	3001	ALMOND	28	04S	09E	40	5207 MORGAN	5207 MORGAN	SHARK EW	279	3242	AA	0	5/15/2009	G	27.45	OZ	36	A	1/18/2000							
47	2009	5004194	WINCHESTER, DENNIS	WINCHESTER	DENNIS	12701 SIERRA VIEW DR	OAKDALE	CA	95361 2928A3	3001	ALMOND	28	04S	09E	40	5207 MORGAN	5207 MORGAN	SPREADER 90	34704	50055	AA	0	5/15/2009	G	109.71	OZ	36	A	1/18/2000							
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	8/10/2001	G	4.17	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA ACTIVATOR 85	1050990	50016	AA	0	8/10/2001	G	106.67	OZ	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	GLYPHOMAX	62719	323	AA	0	2/9/2001	G	9.38	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA TRI AD 73	1050990	50011	AA	0	2/9/2001	G	1.88	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	2/18/2001	G	3.13	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	LAREDO EC AGRICULTURAL FUNGICIDE	707	222	ZA	0	2/18/2001	G	2.5	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	CAPTAN 50 WETTABLE POWDER	51036	166	AA	0	3/4/2001	G	192	LB	24	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	3/4/2001	G	3	GA	24	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	GRAMOXONE EXTRA HERBICIDE	10182	280	AA	0	2/25/2002	G	3.13	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA ACTIVATOR 85	1050990	50016	AA	0	6/28/2001	G	106.67	OZ	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	AGRI-MEK 0.15 EC MITTICIDE/INSECTICIDE	100	898	AA	0	6/1/2001	G	1.95	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	6/1/2001	G	3.13	GA	25	A	1/1/2000	1/26/2004						
84	2001	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RED TOP SUPERIOR SPRAY OIL	2935	311	AA	0	6/1/2001	G	25	GA	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	LAREDO EC AGRICULTURAL FUNGICIDE	707	222	ZA	0	2/25/2002	G	2.5	GA	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	WILBUR-ELLIS SPREADER STICKER R-56	2935	50144	ZA	0	2/25/2002	G	3.13	GA	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	ROUNDUP ORIGINAL HERBICIDE	524	445	ZF	0	2/28/2002	G	4.17	GA	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	CAYUSE PLUS	2935	50171	AA	0	2/28/2002	G	1.11	GA	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA TRI-AD 73	1050990	50011	AA	0	2/28/2002	G	35.56	OZ	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	LAREDO EC AGRICULTURAL FUNGICIDE	707	222	ZA	0	3/26/2002	G	2.5	GA	25	A	1/1/2000	1/26/2004						
84	2002	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	R-56 SPREADER-STICKER	2935	50144	AA	0	3/26/2002	G	3.13	GA	25	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	ZIRAM 76DF FUNGICIDE	4581	50144	ZA	0	3/26/2002	G	200	LB	25	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	GRAMOXONE MAX	100	1074	AA	0	7/10/2003	G	6.25	GA	25	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA ACTIVATOR 85	1050990	50016	AA	0	7/10/2003	G	3.13	GA	25	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	GRAMOXONE MAX	100	1074	AA	0	8/30/2003	G	6	GA	24	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA ACTIVATOR 85	1050990	50016	AA	0	8/30/2003	G	1.5	GA	24	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	ABOUND FLOWABLE FUNGICIDE	100	1098	AA	0	3/5/2003	G	2.5	GA	25	A	1/1/2000	1/26/2004						
84	2003	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD	RNA SI 100	1050990	50022	AA	0	3/5/2003	G	80	OZ	25	A	1/1/2000	1/26/2004						
84	2004	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 2927A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD/ FLOOD	LORSBAN-4E	62719	424	AA	0	7/14/2004	G	95	PT	24	A	1/26/2004							
84	2004	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 2927A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD/ FLOOD	GRAMOXONE MAX	100	1074	AA	0	1/31/2004	G	16.67	PT	25	A	1/26/2004							
84	2004	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 2927A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD/ FLOOD	SIM-TROL 4L	35915	11	AA	60063	1/31/2004	G	16.67	PT	25	A	1/26/2004							
84	2004	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 2927A1	3001	ALMOND	27	04S	09E	25	E SIDE MORGAN 1 M N KEYS	5412 MORGAN ROAD/ FLOOD	GOAL2XL	62719	424	AA	0	1/31/2004	G	25	PT	25	A	1/26/2004							
84	2004	5006744	WINCHESTER, MARK	WINCHESTER	MARK	5436 MORGAN ROAD	CERES	CA	95307 2927A1	3001																										

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Apply	Application	EPA use	EPA use U	Treated Q	Treated U	Site Active	Site Inactive	Date
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	7/20/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		PROVADO SOLUPAK 75% WETTABLE POW	3125	428	AA			0	7/31/2001	G		4	OZ	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		KINETIC	38167	50012	AA			0	7/31/2001	G		8	OZ	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		ROUNDUP ULTRA HERBICIDE	524	475	ZB			0	10/20/2001	G		4	QT	4	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA			0	10/20/2001	G		12	OZ	4	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		ROUNDUP ULTRA HERBICIDE	524	475	ZB			0	12/24/2001	G		29	QT	67	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		GOAL 2XL HERBICIDE	707	243	AA			0	12/24/2001	G		260	OZ	67	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA			0	12/24/2001	G		72	OZ	67	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		ROVRAL 4 FLOWABLE	264	482	AA			0	2/20/2001	G		67	PT	67	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		DYNE-AMIC	5905	50071	AA			0	2/20/2001	G		402	OZ	67	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		MANEX	1812	251	AA			0	3/1/2001	G		15.5	GA	32	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		KINETIC	38167	50012	AA			0	4/18/2001	G		7.5	QT	6	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		MANEX	1812	251	AA			0	3/6/2001	G		16	GA	32	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		KINETIC	38167	50012	AA			0	3/6/2001	G		64	OZ	32	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		ROUNDUP ULTRA HERBICIDE	524	475	ZB			0	3/20/2001	G		26	QT	26	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		GOAL 2XL HERBICIDE	707	243	AA			0	3/20/2001	G		206	OZ	26	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA			0	3/20/2001	G		86	OZ	26	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		ROUNDUP ULTRA HERBICIDE	524	475	ZB			0	4/18/2001	G		20	OZ	6	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA			0	4/18/2001	G		20	OZ	6	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	4/17/2001	G		80	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		ROUNDUP ULTRA HERBICIDE	524	475	ZB			0	5/23/2001	G		40	QT	65	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		GOAL 2XL HERBICIDE	707	243	AA			0	5/23/2001	G		416	OZ	65	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA			0	5/23/2001	G		104	OZ	65	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		AGRI-MEK 0.15 EC MITTICIDE/INSECTICIDE	100	898	AA			0	5/25/2001	G		64	GA	31	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		OMNI SUPREME SPRAY	5905	368	AA			0	5/25/2001	G		4	GA	8	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	5/4/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	5/16/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	5/27/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		ROUNDUP ULTRA HERBICIDE	524	475	ZB			0	5/6/2001	G		8	QT	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA			0	5/6/2001	G		20	OZ	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	6/7/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	6/18/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	045	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA			0	6/29/2001	G		90	LB	4.5	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		POUNCE 3.2 EC	279	3014	AA			0	7/12/2002	G		124	OZ	65	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		SUCCESS	62719	292	AA			0	7/12/2002	G		320	OZ	65	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		KINETIC	38167	50012	AA			0	7/12/2002	G		64	OZ	65	A	1/1/2000	1/3/2006	
121	2001	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	045	09E	67 NE CROWS LANDING & TAYLOR		AGRI-MEK 0.15 EC MITTICIDE/INSECTICIDE	100	898	AA													

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ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm	rEPA	pestic	EPA alpha	EPA aux	co Date	Applic	Application	EPA use	EPA use U	Treated Q	Us Site	Active	Inactive	Date
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		OMNI SUPREME SPRAY	5905	368	AA	0	5/23/2005	G	32	QT		9	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		HELENA INDUCE	5905	5006	AA	0	5/23/2005	G	510	OZ		56	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	5/25/2005	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	5/31/2005	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GLY STAR ORIGINAL	42750	60	AA	0	6/5/2005	G	24	OT		25	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GOAL2XL	62719	424	AA	0	6/5/2005	G	112	OZ		25	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	100	898	AA	0	6/7/2005	G	160	OZ		20	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		INDUCE	5905	50091	AA	0	6/7/2005	G	20	GA		20	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GLY STAR ORIGINAL	42750	60	AA	0	6/8/2005	G	15	QT		20	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GOAL2XL	62719	424	AA	0	6/8/2005	G	80	OZ		20	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	6/8/2005	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	6/15/2005	G	70	LB		4.5	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	6/23/2005	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2005	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	6/30/2005	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	7/6/2006	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	7/12/2006	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	7/12/2006	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		SPECIAL ELECTRIC REFINED SUPER-ADHE	2935	503	AA	0	7/12/2006	G	100	LB		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		PROVADO SOLLUPAK 75% WETTTABLE POW	264	761	AA	0	7/28/2006	G	4	OZ		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		KINETIC	5905	50087	AA	0	7/28/2006	G	9	OZ		4.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	7/13/2006	G	20	OT		20	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GOAL2XL	62719	424	AA	0	7/13/2006	G	100	OZ		20	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		PERM-UP 3.2 EC INSECTICIDE	70506	9	AA	0	7/14/2006	G	128	OZ		67	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		INTREPID 2F	62719	442	AA	0	7/14/2006	G	1024	OZ		67	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		KINETIC	5905	50087	AA	0	7/14/2006	G	128	OZ		67	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	7/14/2006	G	848	OZ		22	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GOAL2XL	62719	424	AA	0	7/14/2006	G	140.8	OZ		22	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		OPTIMA	5905	50075	AA	0	7/14/2006	G	22	PT		22	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	12/6/2006	G	42	OT		30	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		GOAL2XL	62719	424	AA	0	12/6/2006	G	672	OZ		30	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	1/9/2006	G	5.5	OT		5.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		GOAL2XL	62719	424	AA	0	1/9/2006	G	55	OZ		5.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		MANEX	352	655	AA	0	3/18/2006	G	150	PT		32.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		DYNE-AMIC	5905	50071	AA	0	3/18/2006	G	160	OZ		32.5	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	4/1/2006	G	10	OT		9	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A4	29143	GRAPE, W	33	04S	09E	9 NE CROWS LANDING & TAYLOR		QUEST	5905	50076	AA	0	4/1/2006	G	52	OZ		9	A	1/1/2000	1/3/2006			
121	2006	5003173	YORI & SON, FRED	YORI	FRED	1143 E. TAYLOR ROAD	CERES	CA	95307-9 2933A1	3001	ALMOND	33	04S	09E	67 NE CROWS LANDING & TAYLOR		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	4/1/2006	G	24	OZ		10	A	1/1/2000				

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Date Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodi	Commodi	Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm r	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use g	EPA use u	Treated Q	Treated U	Site Active	Site Inactive	Date
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			DYNE-AMIC	5905	50071 AA			0	7/10/2008	G	17	PT	42.5 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			INTREPID 2F	62719	442 AA			0	7/15/2008	G	1024	OZ	64 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			PERM-UP 3.2 EC INSECTICIDE	70506	9 AA			0	7/15/2008	G	128	OZ	64 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			KINETIC	5905	50087 AA			0	7/15/2008	G	128	OZ	64 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			CRYZALIN COATED GRANULES	34704	823 AA			0	7/10/2008	G	40	OZ	4.5 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			OMNI SUPREME SPRAY	5905	368 AA			0	7/10/2008	G	21	OZ	3 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			FARMSAVER.COM GLYPHOSATE 4	72167	23 AA		73220	8/4/2008	G	11	OT	11 A	11 A	1/1/2000			
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	8/4/2008	G	38	OZ	11 A	11 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			CLINCH ANT BAIT	100	894 AA			0	8/3/2008	G	38	LB	39 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			NUFARM CREDIT SYSTEMIC HERBICIDE	71368	20 AA			0	8/23/2008	G	1568	OZ	49 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	8/23/2008	G	384	OZ	49 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			SURFLAN A.S. AGRICULTURAL HERBICIDE	70506	43 AA			0	10/19/2008	G	3	A	3 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			NUFARM CREDIT SYSTEMIC HERBICIDE	71368	20 AA			0	11/3/2008	G	20	PT	9 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			GOAL 2XL	62719	424 AA			0	11/3/2008	G	18	PT	9 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	11/3/2008	G	96	OZ	9 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			DYNE-AMIC	5905	50071 AA			0	11/3/2008	G	52	OZ	9 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			GOAL 2XL	62719	424 AA			0	11/11/2008	G	35	PT	37 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			GLYPHOGAN HERBICIDE	66222	105 AA			0	5/11/2008	G	40	OZ	40 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			GOAL 2XL	62719	424 AA			0	5/11/2008	G	35	PT	40 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			IGNITE HERBICIDE	264	660 AA			0	5/20/2008	G	3	PT	3 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	5/20/2008	G	26	OZ	3 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			DYNE-AMIC	5905	50071 AA			0	5/20/2008	G	26	OZ	3 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	100	1154 AA			0	6/4/2008	G	20	OZ	20 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			REAPER 0.15 EC	34704	923 AA			0	8/4/2008	G	350	OZ	35 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			OMNI SUPREME SPRAY	5905	368 AA			0	6/4/2008	G	55	OZ	35 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			IGNITE HERBICIDE	264	660 AA			0	6/7/2008	G	6	PT	6 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	6/7/2008	G	20	OZ	6 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			DYNE-AMIC	5905	50071 AA			0	6/7/2008	G	9	OZ	6 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			FARMSAVER.COM GLYPHOSATE 4	72167	23 AA		73220	6/21/2008	G	12	OT	12 A	12 A	1/1/2000			
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			GOAL 2XL	62719	424 AA			0	6/21/2008	G	6	PT	12 A	12 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	6/21/2008	G	12	OZ	12 A	12 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			IGNITE HERBICIDE	264	660 AA			0	6/22/2008	G	4	PT	4 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			GOAL 2XL	62719	424 AA			0	6/22/2008	G	16	OZ	4 A	6 A	1/1/2000		
121	2008	5003173	YORI & SON, FRED	YORI	FRED	1143 E TAYLOR RD	CERES	CA	95307 2933A1	3001	ALMOND	33	04S	09E	75 NE CROWS LANDING & TAYLOR			QUEST	5905	50076 AA			0	6/22/2008	G	16	OZ	4 A	6 A	1/1/2000		
5	2001	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22	04S	09E	26 NE COR. MORGAN & GRAYSON			ROUNDUP ULTRA HERBICIDE	524	475 ZB			0	11/20/2001	G	7	OT	6 A	6 A	1/1/2000	1/3/2006	
5	2001	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22	04S	09E	26 NE COR. MORGAN & GRAYSON			GOAL 2XL HERBICIDE	524	475 ZB			0	11/20/2001	G	128	OZ	6 A	6 A	1/1/2000	1/3/2006	
5	2001	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22	04S	09E	26 NE COR. MORGAN & GRAYSON			QUEST	5905	50076 AA			0	11/20/2001	G	16	OZ	6 A	6 A	1/1/2000	1/3/2006	
5	2001	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22	04S	09E	26 NE COR. MORGAN & GRAYSON			MANEX	1812	251 AA			0	3/1/2001	G	6	GA	12 A	12 A	1/1/2000	1/3/2006	

Appendix I - Crop and Pesticide Data for Preferred Alignment

November 2009

ID	Data Year	Permit Num	Permittee	Last Name	First Name	Mail Address	Mail City	Mail Sta	Mail Zip	Site Numb	Commodit	Commodit Section	Township	Range	Plant Site Narrative (description of site location)	Location Narrative (description of site location)	Pesticide Name	EPA firm r	EPA pestc	EPA alpha	EPA aux	co Date	Applic	Application	EPA use q	EPA use u	Treated Q	Ur Site	Active	Inactive Date
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		ROVRAL 4 FLOWABLE	264	482	AA	0	2/13/2005	G		24	PT	24	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		DYNE-AMIC	5905	50071	AA	0	2/13/2005	G		120	OZ	24	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		MANEB 75 DF DRY FLOWABLE FUNGICIDE	4581	371	AA	0	3/10/2005	G		60	LB	26	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		DYNE-AMIC	5905	50071	AA	0	3/10/2005	G		80	OZ	26	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		GLY STAR ORIGINAL	42750	60	AA	0	3/16/2005	G		12	OT	10	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		GOAL2XL	62719	424	AA	0	3/16/2005	G		64	OZ	10	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		GLY STAR ORIGINAL	42750	60	AA	0	5/13/2005	G		16	OT	14	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		GOAL2XL	62719	424	AA	0	5/13/2005	G		153.6	OZ	14	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		AGRI-MEK 0.15 EC MITTICIDE/INSECTICIDE	100	898	ZA	0	5/24/2005	G		80	OZ	8	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		FLINT FUNGICIDE	264	777	AA	0	5/24/2005	G		2.5	LB	16	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		OMNI SUPREME SPRAY	5905	368	AA	0	5/24/2005	G		8	GA	8	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		HELENA INDUCE	5905	50076	AA	0	5/24/2005	G		100	OZ	8	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		OPTIMA	5905	50075	AA	0	6/22/2005	G		13	PT	23	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		GLY STAR ORIGINAL	42750	60	AA	0	6/22/2005	G		23	OT	23	A	1/1/2000	1/3/2006
5	2005	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		GOAL2XL	62719	424	AA	0	6/22/2005	G		23	OT	23	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON		FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	7/9/2006	G		640	OZ	20	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	GOAL2XL	62719	424	AA	0	7/9/2006	G		100	OZ	20	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	8/10/2006	G		6	OT	6	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	SHARK HERBICIDE	279	3194	AA	0	8/10/2006	G		3	OZ	6	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	QUEST	5905	50076	AA	0	8/10/2006	G		32	OZ	6	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	PRISTINE FUNGICIDE	7969	199	AA	0	2/16/2006	G		640	OZ	26	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	DYNE-AMIC	5905	50071	AA	0	2/16/2006	G		320	OZ	26	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	MANEX	352	655	AA	0	2/25/2006	G		24	PT	13	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	DYNE-AMIC	5905	50071	AA	0	2/25/2006	G		60	OZ	13	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	MANEX	352	655	AA	0	2/28/2006	G		24	PT	13	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	DYNE-AMIC	5905	50071	AA	0	2/28/2006	G		60	OZ	13	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	MANEX	352	655	AA	0	3/8/2006	G		960	OZ	13	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	DYNE-AMIC	5905	50071	AA	0	3/8/2006	G		60	OZ	13	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	MANEX	352	655	AA	0	3/19/2006	G		960	OZ	13	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	DYNE-AMIC	5905	50071	AA	0	3/19/2006	G		60	OZ	13	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	3/21/2006	G		384	OZ	11	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	SHARK HERBICIDE	279	3194	AA	0	3/21/2006	G		9	OZ	11	A	1/1/2000	1/3/2006
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	AGRI-MEK 0.15 EC MITTICIDE/INSECTICIDE	100	898	AA	0	6/15/2006	G		100	OZ	10	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	OMNI SUPREME SPRAY	5905	368	AA	0	6/15/2006	G		10	GA	10	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	6/5/2006	G		18	OT	18	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	GOAL2XL	62719	424	AA	0	6/5/2006	G		192	OZ	18	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	CLINCH ANT BAIT	100	894	AA	0	6/27/2006	G		25	LB	25	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	FARMSAVER.COM GLYPHOSATE 4	72167	23	AA	73220	5/20/2006	G		3	GA	10	A	1/3/2006	
5	2006	5003174	YORI, PHILLIP	YORI	PHILLIP	1367 E. GRAYSON	CERES	CA	95307-9 2922A1	3001	ALMOND	22 04S	09E		26 NE COR. MORGAN & GRAYSON	FLOOD	GOAL2XL													



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

**APPLICATION FOR CERTIFICATION
FOR THE TID ALMOND 2
POWER PLANT PROJECT**

Docket No. 09-AFC-2

**PROOF OF SERVICE
(Revised 9/3/09)**

APPLICANT

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DECLARATION OF SERVICE

I, Mary Finn, declare that on Wednesday, November 25, 2009, I served and filed copies of the attached, Data Response, Set 1D, Responses to CEC Staff Data Requests 18, and 77 through 79 dated November 25, 2009. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:
[<http://www.energy.ca.gov/sitingcases/almond>].

The documents have been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(Check all that Apply)

FOR SERVICE TO ALL OTHER PARTIES:

sent electronically to all email addresses on the Proof of Service list;

by personal delivery or by depositing in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

FOR FILING WITH THE ENERGY COMMISSION:

sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (***preferred method***);

OR

depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 09-AFC-2
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

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



Mary Finn